



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



Ambystoma californiense		Element Code: AAAAA01180	
California tiger salamander			
Listing Status:	Federal: Threatened	CNDDDB Element Ranks:	Global: G2G3
	State: Threatened		State: S2S3
	Other: DFG_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.	42	Map Index:	10819	EO Index:	28422	Element Last Seen:	1981-01-20
Occ. Rank:	None	Presence:	Extirpated	Site Last Seen:		1981-01-20	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2001-11-14	

Quad Summary: Morgan Hill (3712126)
County Summary: Santa Clara

Lat/Long:	37.14883 / -121.66995	Accuracy:	1 mile
UTM:	Zone-10 N4112210 E618114	Elevation (ft):	340
PLSS:	T09S, R03W, Sec. 17 (M)	Acres:	0.0

Location: MADRONE.
Detailed Location:
Ecological:
General: MVZ 31854 COLLECTED 3 MAY 1931. 20 JAN 1981: COYOTE CREEK AT MADRONE; CAS# 187394, ADULT. JENNINGS CONSIDERS THIS SITE EXTIRPATED.
Owner/Manager: UNKNOWN

Occurrence No.	111	Map Index:	17107	EO Index:	9777	Element Last Seen:	2006-04-24
Occ. Rank:	None	Presence:	Possibly Extirpated	Site Last Seen:		2006-04-24	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2009-06-17	

Quad Summary: Morgan Hill (3712126)
County Summary: Santa Clara

Lat/Long:	37.23135 / -121.68841	Accuracy:	nonspecific area
UTM:	Zone-10 N4121343 E616347	Elevation (ft):	825
PLSS:	T08S, R03E, Sec. 18 (M)	Acres:	38.0

Location: SHINGLE VALLEY CREEK, SOUTH OF METCALFE ROAD, EAST OF SAN JOSE.
Detailed Location: OBSERVED ON PORTION OF THE CREEK IN VICINITY OF METCALFE RD (1984). UTC-4B - 0.8 MILES ESE INTERSECTION OF METCALFE ROAD AND SHINGLE VALLEY ROAD (2006).
Ecological: HABITAT IS STOCK POND, NON-NATIVE GRASSLAND, VALLEY OAK WOODLAND, OAK SAVANNAH, MIXED RIPARIAN WOODLAND, & EMERGENT VEGETATION IN DITCHES. 2007 AERIAL PHOTO SHOWS THIS SITE HAS BEEN DEVELOPED. NATURAL HABITAT REMAINS IN SURROUNDING AREA.
General: SALAMANDERS NUMEROUS FROM 1976 TO EARLY 1980'S THEN DECLINING. SUITABLE HABITAT IN LOWER REACHES OF CREEK & LAS ANIMAS CK (1984). LESS THAN 10 LARVAE OBSERVED 24 APR 2006.
Owner/Manager: PVT-UNITED TECH CORP



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



Occurrence No.	425	Map Index:	38706	EO Index:	33713	Element Last Seen:	1998-01-01
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:		1998-01-01	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2010-02-25	

Quad Summary: Morgan Hill (3712126), Santa Teresa Hills (3712127)

County Summary: Santa Clara

Lat/Long: 37.18248 / -121.75021 **Accuracy:** 80 meters

UTM: Zone-10 N4115847 E610937 **Elevation (ft):** 585

PLSS: T09S, R02E, Sec. 03 (M) **Acres:** 0.0

Location: 0.6 MILE EAST OF THE INTERSECTION OF BAILEY AVENUE AND MCKEAN ROAD, NW OF MORGAN HILL.

Detailed Location:

Ecological: HABITAT CONSISTS OF A STOCK POND, SURROUNDED BY GRAZED OAK WOODLAND.

General: DOZENS OF EGGS AND NEWLY-HATCHED LARVAE OBSERVED ON 1 JAN 1998; 12 EGGS AND 5 LARVAE COLLECTED (MRJ #1335) AND DEPOSITED AT CAS (CAS #207141).

Owner/Manager: PVT

Occurrence No.	426	Map Index:	38710	EO Index:	33717	Element Last Seen:	1998-04-12
Occ. Rank:	Poor	Presence:	Presumed Extant	Site Last Seen:		1998-04-12	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		1998-05-06	

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.17479 / -121.74304 **Accuracy:** 80 meters

UTM: Zone-10 N4115002 E611585 **Elevation (ft):** 360

PLSS: T09S, R02E, Sec. 03 (M) **Acres:** 0.0

Location: 0.5 MILE SOUTH OF THE END OF LAGUNA AVENUE, NW OF MORGAN HILL.

Detailed Location:

Ecological: HABITAT CONSISTS OF A 6-ACRE POND, AT THE BOTTOM OF A CANYON, SURROUNDED BY GRAZED OAK WOODLAND WITH SOME CHAPARRAL. POND IS DIRECTLY SURROUNDED BY GRASSES.

General: 2 LARVAE OBSERVED ON 12 APRIL 1998. SMALL SIZE OF POND AND POTENTIAL FAILURE OF DAM MAKE THIS SITE POOR.

Owner/Manager: PVT



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



Occurrence No.	427	Map Index:	38717	EO Index:	33724	Element Last Seen:	1998-01-08
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: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.19173 / -121.74800 **Accuracy:** specific area

UTM: Zone-10 N4116876 E611120 **Elevation (ft):** 251

PLSS: T08S, R02E, Sec. 34 (M) **Acres:** 3.4

Location: SOUTH SIDE OF BAILEY AVENUE, 0.85 MILES SW OF THE INTERSECTION OF BAILEY AVENUE AND SANTA TERESA BLVD, SOUTH OF SAN JOSE

Detailed Location:

Ecological: 1998: HABITAT CONSISTS OF AN ARTIFICIAL POND IN AN OLD ABANDONED GOLF COURSE. SURROUNDING LAND IS FALLOW; POSSIBLY USED FOR GRAZING. 2002: LAND FOR ABOUT 1 MI ALONG BAILEY AVE & 0.75 MI SOUTH OF BAILEY AVE HAS BEEN DISKED.

General: 1 ADULT FEMALE (SVL 99 MM, TAIL 78 MM, 32.3 GM) COLLECTED (MRJ #1338) ON 8 JAN 1998 AND DEPOSITED AT CAS (CAS #207109). 2002: SITE HAS BEEN EXTIRPATED.

Owner/Manager: PVT

Occurrence No.	428	Map Index:	38719	EO Index:	33726	Element Last Seen:	1998-01-10
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:			1998-01-10
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:			1998-05-06

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.17997 / -121.73875 **Accuracy:** 80 meters

UTM: Zone-10 N4115582 E611958 **Elevation (ft):** 500

PLSS: T09S, R02E, Sec. 03 (M) **Acres:** 0.0

Location: 0.2 MILES SE OF THE END OF LAGUNA AVENUE, NW OF MORGAN HILL

Detailed Location:

Ecological: HABITAT CONSISTS OF A STOCK POND AT THE BASE OF A HILL, IN OAK WOODLAND; SERPENTINE SOILS PRESENT. GRASSLANDS DOWNSTREAM FROM POND.

General: DOZENS OF EGGS OBSERVED ON 10 JAN 1998.

Owner/Manager: PVT



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



Occurrence No.	540	Map Index: 44343	EO Index: 45860	Element Last Seen:	1986-12-19
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	1986-12-19
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2001-09-07

Quad Summary: Mt. Madonna (3712116), Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long:	37.12260 / -121.70703	Accuracy:	nonspecific area
UTM:	Zone-10 N4109255 E614861	Elevation (ft):	525
PLSS:	T09S, R02E, Sec. 25 (M)	Acres:	214.2

Location: CHESBRO RESERVOIR, CHESBRO RESERVOIR COUNTY PARK, OAK GLEN AVE, 3.5 MILES WEST OF MORGAN HILL (SAN PEDRO & MONTEREY RD)

Detailed Location: MAPPED TO THE RESERVOIR, MORE SPECIFIC DETAILS NOT GIVEN.

Ecological: RESERVOIR

General: 19 DEC 1986: CAS# 187404, ADULT, (DOR).

Owner/Manager: SCL COUNTY

Occurrence No.	556	Map Index: 45920	EO Index: 45920	Element Last Seen:	1997-01-02
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	1997-01-02
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2001-09-13

Quad Summary: Morgan Hill (3712126), Santa Teresa Hills (3712127)

County Summary: Santa Clara

Lat/Long:	37.17201 / -121.75219	Accuracy:	1/10 mile
UTM:	Zone-10 N4114683 E610777	Elevation (ft):	530
PLSS:	T09S, R02E, Sec. 09 (M)	Acres:	0.0

Location: TRADITION GOLF COURSE SITE; 0.9 MILES SE OF THE INTERSECTION OF MCKEAN ROAD & BAILEY AVE. SE OF CALERO RESERVOIR.

Detailed Location:

Ecological:

General: 12/27/96: CAS# 203216, ADULT, SVL 117 MM, TAIL 93 MM, 39.3 GM. 12/29/96: CAS# 203217, ADULT, SVL 108 MM, TAIL 102 MM, 40.8GM. 1/2/97: CAS# 203218, ADULT, SVL 108MM, TAIL 93MM, 45.5GM. CAS# 203275, EGGS. ALL COLLECTED BY M. JENNINGS.

Owner/Manager: UNKNOWN



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



Occurrence No.	559	Map Index: 45942	EO Index: 45942	Element Last Seen: 1996-05-11
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen: 1996-05-11
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2001-10-22

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.19650 / -121.70895 **Accuracy:** nonspecific area

UTM: Zone-10 N4117451 E614579 **Elevation (ft):** 280

PLSS: T08S, R02E, Sec. 36 (M) **Acres:** 50.4

Location: POND LOCATED ALONG FAIRWAY OF RIVERSIDE GOLF COURSE. 5.1 MILES NW OF MORGAN HILL, NE SIDE OF UNION PACIFIC RR TRACKS.

Detailed Location: MAPPED TO INCLUDE ALL OF THE PONDS.

Ecological: GOLF COURSE POND.

General: CAS# 203271, LARVA COLLECTED 11 MAY 1996 BY M.R. JENNINGS.

Owner/Manager: UNKNOWN

Occurrence No.	563	Map Index: 45951	EO Index: 45951	Element Last Seen: 2000-02-11
Occ. Rank:	Fair		Presence: Presumed Extant	Site Last Seen: 2000-02-11
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2002-09-09

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.23860 / -121.74699 **Accuracy:** 1/10 mile

UTM: Zone-10 N4122077 E611141 **Elevation (ft):** 500

PLSS: T08S, R02E, Sec. 15 (M) **Acres:** 0.0

Location: 0.5 MILES NW OF METCALFE ROAD AND THE ABANDONED EVERGREEN CANAL, SE OF SAN JOSE

Detailed Location:

Ecological: HABITAT IS LARGE STOCKPOND, WITH SANDY/MUDDY BOTTOM THAT ONLY FILLS AFTER PERIODS OF EXTENSIVE RAINFALL; NO RIPARIAN VEGETATION PRESENT. SURROUNDING AREA IS GRAZED BY LIVESTOCK. 2007 AERIAL PHOTO SHOWS THE AREA REMAINS AS DESCRIBED IN 2000.

General: 6 ADULTS OBSERVED; 1 ADULT MALE (SVL 120-MM, TAIL 117-MM, 47.9 GM) COLLECTED (MRJ #1491) AND DEPOSITED AT CAS (CAS #211685).

Owner/Manager: PVT



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



Occurrence No.	651	Map Index: 47270	EO Index: 47270	Element Last Seen:	2001-12-02
Occ. Rank:	Fair		Presence: Presumed Extant	Site Last Seen:	2001-12-02
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2002-02-20

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.16381 / -121.62754 **Accuracy:** 80 meters

UTM: Zone-10 N4113926 E621856 **Elevation (ft):** 650

PLSS: T09S, R03E, Sec. 10 (M) **Acres:** 0.0

Location: APPROX. 3 MILES NW OF MORGAN HILL; SOUTH SIDE OF DAM LOCATED ON WEST SIDE OF ANDERSON LAKE.

Detailed Location: OBSERVED ON ROAD BETWEEN TOP OF LEROY ANDERSON DAM AND PARKING LOT FOR VISITORS AND BOATERS. 37 MM OF RAIN IN PRECEEDING 24 HOURS.

Ecological: SURROUNDING HABITAT CONSISTS OF CHAPARRAL AND COASTAL SCRUB.

General: 2 DEC 2001: 1 ADULT OBSERVED.

Owner/Manager: PVT-SANTA CLARA VALLEY WD

Occurrence No.	707	Map Index: 33866	EO Index: 48938	Element Last Seen:	2004-02-25
Occ. Rank:	None		Presence: Possibly Extirpated	Site Last Seen:	2004-02-25
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2009-05-29

Quad Summary: Morgan Hill (3712126), Santa Teresa Hills (3712127)

County Summary: Santa Clara

Lat/Long: 37.23611 / -121.75676 **Accuracy:** specific area

UTM: Zone-10 N4121790 E610277 **Elevation (ft):** 260

PLSS: T08S, R02E, Sec. 16 (M) **Acres:** 35.8

Location: EAST SIDE OF HIGHWAY 101, 0.15 MILE WEST OF METCALF ROAD, EAST OF SANTA TERESA VALLEY

Detailed Location:

Ecological: HABITAT CONSISTS OF GRAZED OPEN GRASSLAND/OAK WOODLAND/RIPARIAN, INTERSPERSED WITH FRESHWATER MARSH, STOCKPONDS, AND SEASONAL SEEPS. 2007 AERIAL PHOTO SHOWS THAT THIS SITE HAS BEEN DEVELOPED.

General: 1 JUVENILE COLLECTED (MRJ #1481) ON 9 JUN 1999 AND DEPOSITED AT CAS. 5 ADULTS AND 3 JUVENILES LOCATED DURING SALVAGE AND RELOCATION EFFORTS CONDUCTED BETWEEN 1 DEC 2003-25 FEB 2004.

Owner/Manager: PVT



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



Occurrence No.	837	Map Index: 62142	EO Index: 62178	Element Last Seen:	2005-05-27
Occ. Rank:	Excellent		Presence: Presumed Extant	Site Last Seen:	2005-05-27
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2011-04-12

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.23551 / -121.69732 **Accuracy:** 80 meters

UTM: Zone-10 N4121794 E615551 **Elevation (ft):** 946

PLSS: T08S, R03E, Sec. 18 (M) **Acres:** 0.0

Location: ALONG N SIDE OF METCALF ROAD, ABOUT 250M NW JCT OF METCALF RD AND SHINGLE VALLEY RD, ABOUT 6 MI NW OF ANDERSON LAKE DAM.

Detailed Location: REPORT LOCATION STATED "CTS WERE FOUND WITHIN THE STOCK POND OCCURRING ALONG THE S BOUNDARY LINE OF THE PROPERTY, ADJ TO METCALFE CYN RD." LOCATION MAPPED TO ONLY STOCK POND VISIBLE IN AIR PHOTOS ABOUT 220M SE OF SURVEY FORM COORDINATES.

Ecological: STOCK POND ADJACENT TO METCALF CANYON ROAD; SURROUNDED BY NON-NATIVE GRASSLAND AND OAK SAVANNAH HABITAT. CALIFORNIA GROUND SQUIRRELS AND BURROWS THROUGHOUT MUCH OF SITE. CA RED-LEGGED FROG AND METCALF CYN JEWEL FLOWER IN AREA.

General: 12 LARVAE OBSERVED ON 27 MAY 2005.

Owner/Manager: PVT

Occurrence No.	1056	Map Index: 73517	EO Index: 74484	Element Last Seen:	2005-06-01
Occ. Rank:	Excellent		Presence: Presumed Extant	Site Last Seen:	2005-06-01
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2009-01-30

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.23978 / -121.71069 **Accuracy:** 80 meters

UTM: Zone-10 N4122252 E614358 **Elevation (ft):** 1020

PLSS: T08S, R02E, Sec. 13 (M) **Acres:** 0.0

Location: 1 MILE WNW INTERSECTION OF METCALFE ROAD AND SHINGLE VALLEY ROAD, EAST OF SAN JOSE.

Detailed Location: SITE MAP REFERENCE: UTC-8

Ecological: HABITAT CONSISTS OF A STOCK POND SURROUNDED BY ANNUAL GRASSLAND AND OAK WOODLAND.

General: MORE THAN 10 LARVAE OBSERVED ON 1 JUNE 2005. RANA DRAYTONII LARVAE ALSO DETECTED.

Owner/Manager: PVT



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



Occurrence No.	1057	Map Index:	73518	EO Index:	74487	Element Last Seen:	2005-12-01
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:			2005-12-01
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:			2009-05-13

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.22990 / -121.69803 **Accuracy:** specific area

UTM: Zone-10 N4121170 E615496 **Elevation (ft):** 1050

PLSS: T08S, R02E, Sec. 24 (M) **Acres:** 10.0

Location: 0.2 - 0.4 MILE SOUTHWEST TO SOUTH THE INTERSECTION OF METCALFE ROAD AND SHINGLE VALLEY ROAD, EAST OF SAN JOSE.

Detailed Location: UTC-1 - STOCK POND AT SOUTH END OF MAPPED FEATURE; STATION 1717 - LOCATED AT NORTH END OF MAPPED FEATURE.

Ecological: HABITAT CONSISTS OF A STOCK POND SURROUNDED BY ANNUAL GRASSLAND (UTC-1) AND A SECOND AREA (STATION 1717) DOMINATED BY NON-NATIVE GRASSLAND - VEGETATION: STAR THISTLE, MILK THISTLE, BULL THISTLE, ASTER SP. VISIBLE DISTURBANCE: PIG ROOTING.

General: MORE THAN 100 LARVAE OBSERVED ON 2 MAY 2005. 1 METAMORPH (SVL 70MM) FOUND DEAD ON ROAD ON 1 DEC 2005. SURROUNDING LAND IS RANCLAND. UTC-1 CONSIDERED EXCELLENT HABITAT BY SUBMITTER. STATION 1717 CONSIDERED GOOD HABITAT BY SUBMITTER.

Owner/Manager: PVT-UNITED TECH CORP

Occurrence No.	1058	Map Index:	73519	EO Index:	74488	Element Last Seen:	2005-05-02
Occ. Rank:	Excellent	Presence:	Presumed Extant	Site Last Seen:			2005-05-02
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:			2009-01-30

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.22227 / -121.70421 **Accuracy:** 80 meters

UTM: Zone-10 N4120316 E614960 **Elevation (ft):** 1220

PLSS: T08S, R02E, Sec. 24 (M) **Acres:** 0.0

Location: 1 MILE SW INTERSECTION OF METCALFE ROAD AND SHINGLE VALLEY ROAD, EAST OF SAN JOSE.

Detailed Location: SITE MAP REFERENCE: UTC-2

Ecological: HABITAT CONSISTS OF A STOCK POND SURROUNDED BY ANNUAL GRASSLAND AND OAK WOODLAND.

General: 5 LARVAE OBSERVED ON 2 MAY 2005.

Owner/Manager: PVT



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



Occurrence No.	1059	Map Index: 73532	EO Index: 74502	Element Last Seen:	2006-03-29
Occ. Rank:	Excellent		Presence: Presumed Extant	Site Last Seen:	2006-03-29
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2009-02-04

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.21726 / -121.68152 **Accuracy:** 80 meters

UTM: Zone-10 N4119789 E616980 **Elevation (ft):** 1040

PLSS: T08S, R03E, Sec. 19 (M) **Acres:** 0.0

Location: 1.4 MILES SOUTHEAST THE INTERSECTION OF METCALFE ROAD AND SHINGLE VALLEY ROAD, EAST OF SAN JOSE.

Detailed Location: SITE MAP REFERENCE: UTC-14

Ecological: HABITAT CONSISTS OF A STOCK POND SURROUNDED BY GRASSLAND AND OAK WOODLAND.

General: 3 LARVAE OBSERVED ON 29 MARCH 2006.

Owner/Manager: PVT

Occurrence No.	1060	Map Index: 73536	EO Index: 74506	Element Last Seen:	2007-12-26
Occ. Rank:	Excellent		Presence: Presumed Extant	Site Last Seen:	2007-12-26
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2009-05-15

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.21738 / -121.66894 **Accuracy:** specific area

UTM: Zone-10 N4119817 E618096 **Elevation (ft):** 1040

PLSS: T08S, R03E, Sec. 20 (M) **Acres:** 13.0

Location: 2 MILES SOUTHEAST OF THE INTERSECTION OF METCALFE ROAD AND SHINGLE VALLEY ROAD, EAST OF SAN JOSE.

Detailed Location: SITE MAP REFERENCE: UTC-3, STATION 2100 (NORTH PORTION OF MAPPED FEATURE), STATION 0460 (SOUTH PORTION OF MAPPED FEATURE). SPECIES OBSERVED IN ALL 4 TREATMENT PONDS. LOCATIONS CONSIDERED TO BE GOOD OR EXCELLENT HABITAT.

Ecological: WASTEWATER TREATMENT POND SURROUNDED BY ANNUAL GRASSLAND (UTC-3,STATION 2100); LARGE METAL BUILDING (STATION0460) SURROUNDED BY RIPARIAN HABITAT/NON-NATIVE ANNUAL GRASSLAND (THISTLE, MUSTARD, COYOTE BRUSH, COAST LIVE OAK, WESTERN SYCAMORE).

General: 10 LARVAE OBS 2 MAY 2005-2 OF 4 TREATMENT PONDS. JUN 2005-DEC 2006: 11 LARVAE, 9 JUVENILES, 9 ADULTS. JAN 2006:UNK # EGG MASSES OBS (4 OF 4 PONDS). 2 MALES OBS (NOV,DEC '07); 1 (0460) RELOCATED TO ACTIVE BURROW, OTHER (2100) TO POND UTC-3.

Owner/Manager: PVT-UNITED TECH CORP



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



Occurrence No.	1072	Map Index:	73693	EO Index:	74633	Element Last Seen:	2005-12-21
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:			2005-12-21
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:			2009-05-13

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.22561 / -121.69657 **Accuracy:** 80 meters

UTM: Zone-10 N4120696 E615632 **Elevation (ft):** 1240

PLSS: T08S, R03E, Sec. 19 (M) **Acres:** 0.0

Location: JUST WEST OF SHINGLE VALLEY, 0.6 MILES DIRECTLY S THE INTERSECTION OF METCALF RD AND SHINGLE VALLEY RD, E OF SAN JOSE.

Detailed Location: STATION 0480.

Ecological: LANDSCAPE IS DOMINATED BY OPEN NON-NATIVE ANNUAL GRASSLANDS. VEGETATION INCLUDES STAR THISTLE, MILK THISTLE, BULL THISTLE AND BLACK MUSTARD. SURROUNDING LAND IS RANCH LAND. VISIBLE DISTURBANCE: PIG ROOTING.

General: 1 ADULT (DEAD; SVL = 81.3 MM SVL, 142.2 MM TL) OBSERVED ON 21 DEC 2005.

Owner/Manager: PVT-UNITED TECH CORP

Occurrence No.	1073	Map Index:	73713	EO Index:	74668	Element Last Seen:	2007-11-29
Occ. Rank:	Excellent	Presence:	Presumed Extant	Site Last Seen:			2007-11-29
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:			2009-05-13

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.22993 / -121.67265 **Accuracy:** specific area

UTM: Zone-10 N4121205 E617747 **Elevation (ft):** 800

PLSS: T08S, R03E, Sec. 20 (M) **Acres:** 27.0

Location: JUST EAST OF SHINGLE VALLEY, 1.25 MILES ESE THE INTERSECTION OF METCALF RD AND SHINGLE VALLEY RD, E OF SAN JOSE.

Detailed Location: STATIONS 0503, 0531, 0582, 0635, AND 0706 - BORDERED TO THE EAST BY SAN FELIPE RD AND TO THE WEST BY SHINGLE VALLEY RD. 1 SALAMANDER RELOCATED TO BREEDING POND UTC-12. 3 OTHERS RELOCATED TO ACTIVE GROUND SQUIRREL BURROWS.

Ecological: PRIMARILY NON-NATIVE ANNUAL GRASSLANDS. VEG INCLUDES STAR, MILK & BULL THISTLE, ASTER SP., CALIF BLACK WALNUT, RED & ARROYO WILLOW, & WESTERN SYCAMORE. SURROUNDING LAND: RANCH LAND & FORMER ROCKET MANUFACTURING. SOME PIG ROOTING.

General: NONE OBS 17 FEB 2005. 1 ADULT OBS 3 MAR 2005. 1 ADULT ENTRAPPED IN OVERFLOW PIT & RELOCATED 23 FEB '06. 1 ADULT MALE ENTRAPPED IN GRATED PIT & RELOCATED 4 JAN 07. 3 ADULTS UNCOVERED (DURING SOIL REMEDIATION) & RELOCATED NOV 2007.

Owner/Manager: PVT-UNITED TECH CORP



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



Occurrence No.	1074	Map Index: 73720	EO Index: 74691	Element Last Seen:	2006-01-06
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen:	2006-01-06
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2009-05-13

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.22713 / -121.66333 **Accuracy:** 80 meters

UTM: Zone-10 N4120906 E618579 **Elevation (ft):** 690

PLSS: T08S, R03E, Sec. 20 (M) **Acres:** 0.0

Location: EAST OF SHINGLE VALLEY, 1.9 MILES ESE THE INTERSECTION OF METCALF RD AND SHINGLE VALLEY RD, E OF SAN JOSE.

Detailed Location: STATION UTC-12. - JUST WEST OF SAN FELIPE RD.

Ecological: ADJACENT HABITAT CONSISTS OF GRASSLAND AND OAK SAVANNAH. SURROUNDING LAND: RANCH. DISTURBANCE: PIG ROOTING.

General: UNKNOWN NUMBER OF EGG MASSES OBSERVED ON 6 JAN 2006.

Owner/Manager: PVT-UNITED TECH CORP

Occurrence No.	1075	Map Index: 70239	EO Index: 74692	Element Last Seen:	2006-01-10
Occ. Rank:	Excellent		Presence: Presumed Extant	Site Last Seen:	2006-02-13
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2009-05-13

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.21763 / -121.65112 **Accuracy:** 80 meters

UTM: Zone-10 N4119867 E619677 **Elevation (ft):** 760

PLSS: T08S, R03E, Sec. 21 (M) **Acres:** 0.0

Location: 0.25 MILE EAST OF LAS ANIMAS CREEK & SAN FELIPE ROAD, 1.1 MILES NORTH OF ANDERSON LAKE EAST OF SAN JOSE.

Detailed Location: STATION UTC-6.

Ecological: ADJACENT HABITAT CONSISTS OF ANNUAL GRASSLAND AND OAK WOODLAND.

General: UNKNOWN NUMBER OF EGG MASSES OBSERVED ON 10 JAN 2006. CTS NOT OBSERVED ON 13 FEB 2006.

Owner/Manager: PVT-UNITED TECH CORP



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



Occurrence No.	1076	Map Index: 73797	EO Index: 74770	Element Last Seen: 2007-08-27
Occ. Rank:	Excellent		Presence: Presumed Extant	Site Last Seen: 2007-08-27
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2009-03-05

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.21135 / -121.66439 **Accuracy:** 80 meters

UTM: Zone-10 N4119154 E618509 **Elevation (ft):** 650

PLSS: T08S, R03E, Sec. 29 (M) **Acres:** 0.0

Location: APPROXIMATELY 200 METERS WEST THE INTERSECTION OF LAS ANIMAS ROAD AND SHINGLE VALLEY ROAD, EAST OF SAN JOSE.

Detailed Location: STATION 0470A. JUST SOUTH OF SHINGLE VALLEY ROAD.

Ecological: SURROUNDING LANDSCAPE IS DOMINATED BY RIPARIAN HABITAT AND NON-NATIVE ANNUAL GRASSLANDS. VEGETATION COMPRISED OF STAR THISTLE, MILK THISTLE, BULL THISTLE, BLACK MUSTARD, ASTER SP., COYOTE BRUSH, COAST LIVE OAK, AND WESTERN SYCAMORE.

General: 1 ADULT FEMALE (SVL 96MM) FOUND UNDERNEATH WOODEN SHED DURING DEMOLITION AND RELOCATED TO NEAREST ACTIVE GROUND SQUIRREL BURROW.

Owner/Manager: PVT-UNITED TECH CORP

Occurrence No.	1108	Map Index: 82214	EO Index: 83223	Element Last Seen: 2005-05-27
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen: 2005-05-27
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2011-04-12

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.24405 / -121.69893 **Accuracy:** 80 meters

UTM: Zone-10 N4122740 E615395 **Elevation (ft):** 1300

PLSS: T08S, R02E, Sec. 13 (M) **Acres:** 0.0

Location: ABOUT 0.7 MI NNW OF METCALF RD AT SHINGLE VALLEY RD, ABOUT 6.5 MI NW OF ANDERSON LAKE DAM.

Detailed Location: REPORT LOCATION STATED AS "A HIGH DENSITY OF CTS WERE FOUND TO OCCUR WITHIN A SEASONAL POND LOCATED CLOSE TO THE NORTHEAST BOUNDARY OF THE PROPERTY." MAPPED TO ONLY POND VISIBLE IN AIR PHOTOS IN THE NE PORTION OF THE PROPERTY BOUNDARY.

Ecological: PERENNIAL POND DRAINING INTO THE ANDERSON RESERVOIR DOMINATED BY NON-NATIVE ANNUAL GRASSLANDS AND OAK WOODLANDS OVER ROLLING FOOTHILLS. CALIFORNIA RED-LEGGED FROG AND METCALF CANYON JEWEL FLOWER ALSO DETECTED ON SURVEYED PROPERTY.

General: A HIGH DENSITY OF CTS WERE REPORTEDLY FOUND IN THIS POND ON 27 MAY 2005.

Owner/Manager: PVT

<i>Rana draytonii</i>		Element Code: AAABH01022
California red-legged frog		
Listing Status:	Federal: Threatened	CNDDB Element Ranks: Global: G4T2T3
	State: None	State: S2S3
	Other: DFG_SSC-Species of Special Concern, IUCN_VU-Vulnerable	
Habitat:	General: LOWLANDS & FOOTHILLS IN OR NEAR PERMANENT SOURCES OF DEEP WATER WITH DENSE, SHRUBBY OR EMERGENT RIPARIAN VEGETATION.	
	Micro: REQUIRES 11-20 WEEKS OF PERMANENT WATER FOR LARVAL DEVELOPMENT. MUST HAVE ACCESS TO ESTIVATION HABITAT.	



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



Occurrence No.	21	Map Index:	17112	EO Index:	12079	Element Last Seen:	2007-10-13
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:		2007-10-13	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2009-06-08	
Quad Summary:	Morgan Hill (3712126)						
County Summary:	Santa Clara						
Lat/Long:	37.21436 / -121.66726			Accuracy:	nonspecific area		
UTM:	Zone-10 N4119485 E618250			Elevation (ft):	620		
PLSS:	T08S, R03E, Sec. 29 (M)			Acres:	165.0		
Location:	LAS ANIMAS CREEK AND SHINGLE VALLEY CREEK, ~6 MILES NORTH OF MORGAN HILL.						
Detailed Location:	ADDITIONAL SUITABLE HABITAT IS FOUND UPSTREAM AND DOWNSTREAM AND IN THE LOWER PORTION OF SHINGLE VALLEY CREEK.						
Ecological:	SYCAMORE/WILLOW RIPARIAN DOMINATED BY WESTERN SYCAMORE, RED WILLOW, SCOULER'S WILLOW AND CALIFORNIA BLACKBERRY. SCATTERED INTERMITTANT PONDS, 3-7" DEEP, IN CREEK BED. SAND TO GRAVEL SUBSTRATES. WATER TEMP WAS ABOUT 65 DEGREES F.						
General:	2 AUG 1989: 1 ADULT/~100 TADPOLES FOUND IN 3 INTERMITTENT PONDS UNDER BRIDGE. 2 MAY 2005: 10 LARVAE. 2006: NUMEROUS ADULTS, JUVENILES, & EGG MASSES. JAN-OCT 2007: 21 ADULTS (4 MALE, 1 FEMALE, 16 UNK). MAR, SEP, OCT & NOV 2007: 4 FOUND DEAD.						
Owner/Manager:	PVT						
Occurrence No.	419	Map Index:	44874	EO Index:	44874	Element Last Seen:	2000-08-08
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:		2000-08-08	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2001-02-01	
Quad Summary:	Morgan Hill (3712126)						
County Summary:	Santa Clara						
Lat/Long:	37.23212 / -121.74517			Accuracy:	80 meters		
UTM:	Zone-10 N4121360 E611311			Elevation (ft):	320		
PLSS:	T08S, R02E, Sec. 15 (M)			Acres:	0.0		
Location:	COYOTE CREEK EXTENSION CANAL AT METCALF ROAD, 8 MILES NW OF MORGAN HILL						
Detailed Location:							
Ecological:	HABITAT CONSISTS OF STREAMSIDE PLANTS, DOMINATED BY CATTAILS, RUSHES, HERBACEOUS PLANTS, AND DUCKWEED.						
General:	SITE CHECKED ON 4 AUG 2000; NO FROGS FOUND. SITE CHECKED ON 8 AUG 2000; 4 MALES AND 1 FEMALE FOUND.						
Owner/Manager:	PVT-SANTA CLARA VALLEY WD						



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



Occurrence No.	537	Map Index:	48580	EO Index:	48580	Element Last Seen:	2000-10-10
Occ. Rank:	Fair	Presence:	Presumed Extant	Site Last Seen:		2000-10-10	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2002-08-19	

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.18930 / -121.67040 **Accuracy:** 80 meters

UTM: Zone-10 N4116700 E618011 **Elevation (ft):** 1000

PLSS: T08S, R03E, Sec. 32 (M) **Acres:** 0.0

Location: WATER COURSE B, KIRBY CANYON RECYCLING AND DISPOSAL FACILITY, WEST OF ANDERSON LAKE

Detailed Location: THIS SITE SERVES AS FORAGING HABITAT (BREEDING UNLIKELY) FOR ADULT FROGS.

Ecological: HABITAT CONSISTS OF A SMALL, PERENNIAL, SPRING-FED STREAM, DOMINATED BY MT HAMILTON THISTLE, SAGE, AND COFFEEBERRY. OTHER AMPHIBIANS FOUND AT THIS SITE INCLUDE WESTERN TOAD AND PACIFIC TREE FROG.

General: ON TWO OCCASIONS DURING 2000, A SINGLE ADULT FROG WAS OBSERVED AT THE UPPER END OF THE WATERCOURSE B DRAINAGE.

Owner/Manager: PVT-WASTE MANAGEMENT

Occurrence No.	538	Map Index:	48581	EO Index:	48581	Element Last Seen:	2004-XX-XX
Occ. Rank:	Fair	Presence:	Presumed Extant	Site Last Seen:		2004-XX-XX	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2007-09-17	

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.18515 / -121.68212 **Accuracy:** specific area

UTM: Zone-10 N4116226 E616977 **Elevation (ft):** 1000

PLSS: T09S, R03E, Sec. 06 (M) **Acres:** 20.0

Location: MITIGATION POND AND WETLAND, KIRBY CANYON RECYCLING AND DISPOSAL FACILITY, WEST OF ANDERSON LAKE.

Detailed Location: BIOSEARCH SITES KIR 1, KIR 2 AND KIR 3

Ecological: HABITAT CONSISTS OF A 2-ACRE, CREATED WETLAND AND A 0.4-ACRE CREATED POND (BOTH CREATED AS MITIGATION FOR LANDFILL DEVELOPMENT). THE WETLAND IS VEGETATED BY BULRUSH, CATTAIL, RABBITSFOOT GRASS, OTHERS; POND CONTAINS NO EMERGENT VEGETATION.

General: 59 INDIVIDUALS WERE OBSERVED ON 16 OCT 2000 IN THE WETLAND, POND, AND SEDIMENTATION BASIN. UNKNOWN NUMBER DETECTED DURING SURVEYS CONDUCTED DURING FEB-OCT 2003. UNKNOWN NUMBER DETECTED DURING SURVEYS CONDUCTED DURING MAY-JUL 2004.

Owner/Manager: PVT-WASTE MANAGEMENT



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



Occurrence No.	548	Map Index: 44343	EO Index: 48705	Element Last Seen: 1991-02-23
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen: 1991-02-23
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2002-08-30

Quad Summary: Mt. Madonna (3712116), Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long:	37.12260 / -121.70703	Accuracy:	nonspecific area
UTM:	Zone-10 N4109255 E614861	Elevation (ft):	525
PLSS:	T09S, R02E, Sec. 25 (M)	Acres:	214.2

Location: CHESBRO RESERVOIR, APPROXIMATELY 3 MILES WEST OF MORGAN HILL.

Detailed Location: MAPPED TO THE RESERVOIR, MORE SPECIFIC DETAILS NOT GIVEN.

Ecological:

General: UNKNOWN NUMBER OF INDIVIDUALS OBSERVED ON 23 FEB 1991.

Owner/Manager: SCL COUNTY

Occurrence No.	556	Map Index: 48718	EO Index: 48718	Element Last Seen: 1999-06-09
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen: 1999-06-09
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2002-09-04

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long:	37.23276 / -121.74997	Accuracy:	80 meters
UTM:	Zone-10 N4121425 E610885	Elevation (ft):	260
PLSS:	T08S, R02E, Sec. 15 (M)	Acres:	0.0

Location: EAST SIDE OF HIGHWAY 101, 0.15 MILE WEST OF METCALF ROAD, EAST OF SANTA TERESA VALLEY

Detailed Location:

Ecological: HABITAT CONSISTS OF A STOCKPOND SURROUNDED BY GRAZED OPEN GRASSLAND/OAK WOODLAND.

General: AN UNKNOWN NUMBER OBSERVED ON 9 JUN 1999.

Owner/Manager: PVT

Occurrence No.	564	Map Index: 48748	EO Index: 48748	Element Last Seen: 2000-02-11
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen: 2000-02-11
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2002-09-09

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long:	37.24001 / -121.74822	Accuracy:	80 meters
UTM:	Zone-10 N4122232 E611029	Elevation (ft):	500
PLSS:	T08S, R02E, Sec. 15 (M)	Acres:	0.0

Location: 0.6 MILE NW OF METCALFE ROAD AND THE ABANDONED EVERGREEN CANAL CROSSING, SE OF SAN JOSE

Detailed Location:

Ecological: HABITAT CONSISTS OF A STOCK POND; CATTAILS (EATEN BY LIVESTOCK) GROW AROUND THE POND EDGE; OAK WOODLAND/OPEN GRASSLAND

General: 1 ADULT COLLECTED (MRJ #1492) AND DEPOSITED AT CAS.

Owner/Manager: PVT



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



Occurrence No.	620	Map Index: 50234	EO Index: 50234	Element Last Seen:	2003-02-18
Occ. Rank:	Fair		Presence: Presumed Extant	Site Last Seen:	2003-02-18
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2004-01-20

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long:	37.18266 / -121.69427	Accuracy:	nonspecific area
------------------	-----------------------	------------------	------------------

UTM:	Zone-10 N4115934 E615903	Elevation (ft):	310
-------------	--------------------------	------------------------	-----

PLSS:	T09S, R03E, Sec. 06 (M)	Acres:	121.6
--------------	-------------------------	---------------	-------

Location: OLD QUARRY PITS THAT ARE PART OF THE COYOTE CREEK PARKWAY, 4 MILES NNW OF MORGAN HILL

Detailed Location:

Ecological: HABITAT CONSISTS OF OLD QUARRY PITS WITH DENSE FRESHWATER MARSH VEGETATION (BULRUSHES, CATTAILS, ETC) AROUND THE EDGES. TRICOLORED BLACKBIRDS ALSO BRED AT THIS SITE IN 2002.

General: CRLF TADPOLES FOUND IN ONE POND IN APR 2002; 3 ADULTS AND 4 JUVENILES OBSERVED ON 7 OCT 2002. TWO HATCHING EGG MASSES AND ONE FRESH EGG MASS OBSERVED ON 18 FEB 2003.

Owner/Manager: SCL COUNTY-COYOTE CRK PARKWAY

Occurrence No.	972	Map Index: 70239	EO Index: 71125	Element Last Seen:	2006-02-13
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen:	2006-02-13
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2009-06-08

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long:	37.21763 / -121.65112	Accuracy:	80 meters
------------------	-----------------------	------------------	-----------

UTM:	Zone-10 N4119867 E619677	Elevation (ft):	769
-------------	--------------------------	------------------------	-----

PLSS:	T08S, R03E, Sec. 21 (M)	Acres:	0.0
--------------	-------------------------	---------------	-----

Location: 0.25 MILE EAST OF LAS ANIMAS CREEK & SAN FELIPE ROAD, 1.1 MILES NORTH OF ANDERSON LAKE.

Detailed Location: SITE UTC-6

Ecological: ADJACENT HABITATS CONSIST OF ANNUAL GRASSLAND AND OAK WOODLAND UTILIZED AS RANCH LAND. EVIDENCE OF PIG ROOTING OBSERVED.

General: 1 LARVAE OBSERVED ON 2 MAY 2005. EGG MASSES FOUND, BUT NOT COUNTED, ON 13 FEB 2006.

Owner/Manager: PVT



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



Occurrence No.	973	Map Index: 70240	EO Index: 71126	Element Last Seen: 2006-07-10
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen: 2006-07-10
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2007-10-18

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.22744 / -121.66453 **Accuracy:** 80 meters

UTM: Zone-10 N4120939 E618472 **Elevation (ft):** 759

PLSS: T08S, R03E, Sec. 20 (M) **Acres:** 0.0

Location: WEST OF SAN FELIPE ROAD, 1.8 MILES NNW OF ANDERSON LAKE.

Detailed Location: SITE UTC-12

Ecological: ADJACENT HABITATS CONSIST OF OPEN, NON-NATIVE ANNUAL GRASSLAND, DOMINATED BY STAR THISTLE, MILK THISTLE, BULL THISTLE, & ASTER, WITH ARROYO WILLOW, CALIFORNIA BLACK WALNUT, RED WILLOW, AND WESTERN SYCAMORE. EVIDENCE OF PIG ROOTING OBSERVED.

General: 5 JUVENILES OBSERVED ON 10 JUL 2006.

Owner/Manager: PVT-UNITED TECH CORP

Occurrence No.	974	Map Index: 70241	EO Index: 71127	Element Last Seen: 2005-03-03
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen: 2005-03-03
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2009-08-10

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.22973 / -121.66907 **Accuracy:** specific area

UTM: Zone-10 N4121187 E618066 **Elevation (ft):** 800

PLSS: T08S, R03E, Sec. 20 (M) **Acres:** 3.0

Location: 1.4 MILES ESE OF THE INTERSECTION OF METCALF RD & SHINGLE VALLEY RD, EAST OF SHINGLE VALLEY.

Detailed Location: STATION 0706.

Ecological: ADJACENT HABITATS CONSIST OF OPEN, NON-NATIVE ANNUAL GRASSLAND, DOMINATED BY STAR THISTLE, MILK THISTLE, BULL THISTLE, & ASTER, WITH ARROYO WILLOW, CALIFORNIA BLACK WALNUT, RED WILLOW, AND WESTERN SYCAMORE. EVIDENCE OF PIG ROOTING OBSERVED.

General: 1 ADULT AND 2 JUVENILES OBSERVED ON 17 FEB AND 3 MAR 2005.

Owner/Manager: PVT-UNITED TECH CORP



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



Occurrence No.	975	Map Index:	70242	EO Index:	71128	Element Last Seen:	2007-11-14
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:		2007-11-14	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2009-06-08	
Quad Summary:	Morgan Hill (3712126)						
County Summary:	Santa Clara						
Lat/Long:	37.23084 / -121.68693	Accuracy:	nonspecific area				
UTM:	Zone-10 N4121288 E616480	Elevation (ft):	800				
PLSS:	T08S, R03E, Sec. 18 (M)	Acres:	48.0				
Location:	SHINGLE CREEK AND VICINITY, SOUTH OF METCALFE ROAD, SE OF SAN JOSE.						
Detailed Location:	SITES SHINGLE CREEK, HELIPAD, AND MATCHGATE.						
Ecological:	ADJACENT HABITATS CONSIST OF OPEN, NON-NATIVE ANNUAL GRASSLAND, DOMINATED BY STAR THISTLE, MILK THISTLE, BULL THISTLE, & ASTER, WITH ARROYO WILLOW, CALIFORNIA BLACK WALNUT, RED WILLOW, AND WESTERN SYCAMORE. EVIDENCE OF PIG ROOTING OBSERVED.						
General:	9 JUN-2 NOV 2005: 3 ADULTS & 5 JUVENILES. 2006: 28 MAR; <10 LARVAE, 14 NOV; 1 DEAD ADULT FOUND ON HELICOPTER LANDING PAD, 16 NOV; 1 DEAD AD ON SHINGLE RD. FEB, JUL, AUG, NOV 2007: 4 ADS (2 DEAD), 1 SUB-ADULT, 21 METAMORPHS (3 DEAD).						
Owner/Manager:	PVT-UNITED TECH CORP						
Occurrence No.	991	Map Index:	70972	EO Index:	71891	Element Last Seen:	2007-08-31
Occ. Rank:	Poor	Presence:	Presumed Extant	Site Last Seen:		2007-08-31	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2008-02-29	
Quad Summary:	Morgan Hill (3712126)						
County Summary:	Santa Clara						
Lat/Long:	37.22522 / -121.73335	Accuracy:	specific area				
UTM:	Zone-10 N4120609 E612370	Elevation (ft):	400				
PLSS:	T08S, R02E, Sec. 22 (M)	Acres:	8.0				
Location:	0.6 MI SOUTH OF METCALFE CYN AND 0.8 MI EAST OF HIGHWAY 101, SOUTH END OF SANTA CLARA VALLEY, SOUTHEAST OF SANTA CLARA.						
Detailed Location:	1 FROG LOCATED ON BANK OF CREEK, ABOUT 0.5 M FROM SMALL POOL. 1 FROG ALSO OBSERVED AT CREATED POND. LOCATION MAPPED ACCORDING TO COORDINATES.						
Ecological:	DEEPLY INCISED CREEK W/LITTLE WATER & A CREATED POND. CREEK PROVIDES MOIST AREA FOR SUMMER HABITAT- UNLIKELY BREEDING HABITAT. POND SEEMS TO RESULT FROM DAMMING OF CREEK & HAS DENSE EMERGENT VEGETATION. POND OFFERS POTENTIAL BREEDING HABITAT						
General:	2 ADULTS OBSERVED ON 31 AUG 2007. AREA MAY SUPPORT SUCCESSFUL BREEDING; HOWEVER, SUITABLE AQUATIC HABITAT IS LIMITED. THIS IS BASICALLY A FOOTHILL SPRING WHERE CRLF CAN PERSIST.						
Owner/Manager:	UNKNOWN						



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



Occurrence No.	1094	Map Index:	75105	EO Index:	76133	Element Last Seen:	2007-01-08
Occ. Rank:	Excellent	Presence:	Presumed Extant	Site Last Seen:			2007-01-08
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:			2009-08-10

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.23137 / -121.67500 **Accuracy:** specific area

UTM: Zone-10 N4121361 E617537 **Elevation (ft):** 835

PLSS: T08S, R03E, Sec. 17 (M) **Acres:** 3.0

Location: 1.1 AIR MI ESE OF THE INTERSECTION OF METCALF RD & SHINGLE VALLEY RD, EAST OF SHINGLE VALLEY.

Detailed Location: STATION 0531. FORMER INDUSTRIAL ROCKET MANUFACTURING SITE-ZONED RANCLAND.

Ecological: STATION 0531 IS A 2 STORY IN-GROUND CONCRETE STRUCTURE WITH ATTACHED SHEET METAL SECTIONS. SEVERAL GRATED PITS ARE LOCATED IN THE FLOOR. SURROUNDING AREA IS DOMINATED BY NON-NATIVE ANNUAL GRASSLANDS: ASTER & STAR, MILK, & BULL THISTLE.

General: 1 POST-METAMORPHIC JUVENILE (38MM STVL) WAS FOUND ENTRAPPED WITHIN A GRATED PIT AND TRANSLOCATED ON 8 JAN 2007.

Owner/Manager: PVT-UNITED TECH CORP

Occurrence No.	1116	Map Index:	82216	EO Index:	76426	Element Last Seen:	2005-06-01
Occ. Rank:	Excellent	Presence:	Presumed Extant	Site Last Seen:			2005-06-01
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:			2011-04-12

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.24011 / -121.71121 **Accuracy:** specific area

UTM: Zone-10 N4122287 E614311 **Elevation (ft):** 1020

PLSS: T08S, R02E, Sec. 13 (M) **Acres:** 6.0

Location: 1 MILE WNW INTERSECTION OF METCALFE ROAD AND SHINGLE VALLEY ROAD, EAST OF SAN JOSE.

Detailed Location: SE POLYGON'S SITE MAP REFERENCE WAS UTC-8. NW POLYGON MAPPED TO LOCATION DESCRIBED AS "ISOLATED STOCK POND LOCATED ON A HILLSIDE IN THE SOUTHWEST CORNER OF THE PROPERTY (OVERLOOKING METCALFE CANYON ROAD)."

Ecological: HABITAT CONSISTED OF STOCK PONDS SURROUNDED BY ANNUAL GRASSLAND AND OAK WOODLAND. SITE USED FOR BREEDING. AMBYSTOMA CALIFORNIENSE ALSO DETECTED IN SE FEATURE. METCALF CANYON JEWEL FLOWER DETECTED ON PROPERTY NORTH OF METCALF RD.

General: BOTH FROGS AND LARVAE WERE OBSERVED IN NW FEATURE ON 27 MAY 2005. GREATER THAN 10 LARVAE OBSERVED ON 1 JUN 2005 IN SE FEATURE.

Owner/Manager: PVT



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



Occurrence No.	1117	Map Index: 75424	EO Index: 76429	Element Last Seen:	2005-06-01
Occ. Rank:	Excellent		Presence: Presumed Extant	Site Last Seen:	2005-06-01
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2009-06-08

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long:	37.20947 / -121.71465	Accuracy:	80 meters
------------------	-----------------------	------------------	-----------

UTM:	Zone-10 N4118884 E614052	Elevation (ft):	495
-------------	--------------------------	------------------------	-----

PLSS:	T08S, R02E, Sec. 26 (M)	Acres:	0.0
--------------	-------------------------	---------------	-----

Location: 0.46 MILE E OF THE INTERSECTION OF HWY 101 & BAILY AVE, EAST OF SAN JOSE.

Detailed Location: SITE MAP REFERENCE: UTC-9.

Ecological: HABITAT CONSISTS OF A STOCK POND SURROUNDED BY ANNUAL GRASSLAND. SITE USED FOR BREEDING.

General: GREATER THAN 10 LARVAE OBSERVED ON 1 JUNE 2005.

Owner/Manager: PVT

Occurrence No.	1118	Map Index: 75429	EO Index: 76434	Element Last Seen:	2005-06-01
Occ. Rank:	Excellent		Presence: Presumed Extant	Site Last Seen:	2005-06-01
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2009-06-08

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long:	37.21665 / -121.71731	Accuracy:	80 meters
------------------	-----------------------	------------------	-----------

UTM:	Zone-10 N4119677 E613805	Elevation (ft):	650
-------------	--------------------------	------------------------	-----

PLSS:	T08S, R02E, Sec. 23 (M)	Acres:	0.0
--------------	-------------------------	---------------	-----

Location: 0.56 MILE NNE OF THE INTERSECTION OF HWY 101 & BAILY AVE, EAST OF SAN JOSE.

Detailed Location: SITE MAP REFERENCE: UTC-10.

Ecological: HABITAT CONSISTS OF A STOCK POND SURROUNDED BY ANNUAL GRASSLAND.

General: GREATER THAN 10 LARVAE OBSERVED ON 1 JUNE 2005.

Owner/Manager: PVT

Occurrence No.	1119	Map Index: 73532	EO Index: 76436	Element Last Seen:	2006-03-29
Occ. Rank:	Excellent		Presence: Presumed Extant	Site Last Seen:	2006-03-29
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2009-06-08

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long:	37.21726 / -121.68152	Accuracy:	80 meters
------------------	-----------------------	------------------	-----------

UTM:	Zone-10 N4119789 E616980	Elevation (ft):	1040
-------------	--------------------------	------------------------	------

PLSS:	T08S, R03E, Sec. 19 (M)	Acres:	0.0
--------------	-------------------------	---------------	-----

Location: 1.4 MILES SOUTHEAST THE INTERSECTION OF METCALFE ROAD AND SHINGLE VALLEY ROAD, EAST OF SAN JOSE.

Detailed Location: SITE MAP REFERENCE: UTC-14

Ecological: HABITAT CONSISTS OF A STOCK POND SURROUNDED BY GRASSLAND AND OAK WOODLAND. SITE USED FOR BREEDING.

General: 3 LARVAE OBSERVED ON 29 MARCH 2006.

Owner/Manager: PVT



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



Occurrence No.	1120	Map Index: 75432	EO Index: 76438	Element Last Seen:	2006-03-27
Occ. Rank:	Excellent		Presence: Presumed Extant	Site Last Seen:	2006-03-27
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2009-06-08

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.20958 / -121.68939 **Accuracy:** specific area

UTM: Zone-10 N4118926 E616294 **Elevation (ft):** 1225

PLSS: T08S, R03E, Sec. 30 (M) **Acres:** 10.0

Location: 1.65 MILES SSE OF THE INTERSECTION OF METCALFE ROAD AND SHINGLE VALLEY ROAD, EAST OF SAN JOSE.

Detailed Location: SITE MAP REFERENCE: UTC-16 & 17.

Ecological: HABITAT CONSISTS OF 2 STOCK PONDS SURROUNDED BY GRASSLAND AND OAK WOODLAND. SITE USED FOR BREEDING.

General: GREATER THAN 100 LARVAE OBSERVED AT EACH POND ON 27 MARCH 2006.

Owner/Manager: PVT

Occurrence No.	1121	Map Index: 75434	EO Index: 76440	Element Last Seen:	2007-03-29
Occ. Rank:	Excellent		Presence: Presumed Extant	Site Last Seen:	2007-03-29
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2009-06-08

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.22063 / -121.70088 **Accuracy:** 80 meters

UTM: Zone-10 N4120138 E615257 **Elevation (ft):** 1275

PLSS: T08S, R02E, Sec. 24 (M) **Acres:** 0.0

Location: 1.0 MILE SSW OF THE INTERSECTION OF METCALFE ROAD AND SHINGLE VALLEY ROAD, EAST OF SAN JOSE.

Detailed Location: SITE MAP REFERENCE: UTC-15.

Ecological: HABITAT CONSISTS OF A STOCK POND SURROUNDED BY GRASSLAND AND OAK WOODLAND. SITE USED FOR BREEDING.

General: 1 LARVA OBSERVED ON 29 MARCH 2007.

Owner/Manager: PVT

Occurrence No.	1122	Map Index: 75435	EO Index: 76441	Element Last Seen:	2007-03-29
Occ. Rank:	Excellent		Presence: Presumed Extant	Site Last Seen:	2007-03-29
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2009-06-08

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.23044 / -121.71051 **Accuracy:** 80 meters

UTM: Zone-10 N4121215 E614388 **Elevation (ft):** 1160

PLSS: T08S, R02E, Sec. 13 (M) **Acres:** 0.0

Location: 0.9 MILES ESE OF THE INTERSECTION OF METCALFE ROAD AND SHINGLE VALLEY ROAD, EAST OF SAN JOSE.

Detailed Location: SITE MAP REFERENCE: UTC-20.

Ecological: HABITAT CONSISTS OF A STOCK POND SURROUNDED BY GRASSLAND AND OAK WOODLAND. SITE USED FOR BREEDING.

General: 10 LARVAE OBSERVED ON 29 MARCH 2007.

Owner/Manager: PVT



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



Rana boylei		Element Code: AAABH01050	
foothill yellow-legged frog			
Listing Status:	Federal: None	CNDDDB Element Ranks:	Global: G3
	State: None		State: S2S3
	Other: BLM_S-Sensitive, DFG_SSC-Species of Special Concern, IUCN_NT-Near Threatened, USFS_S-Sensitive		
Habitat:	General: PARTLY-SHADED, SHALLOW STREAMS & RIFFLES WITH A ROCKY SUBSTRATE IN A VARIETY OF HABITATS.		
	Micro: NEED AT LEAST SOME COBBLE-SIZED SUBSTRATE FOR EGG-LAYING. NEED AT LEAST 15 WEEKS TO ATTAIN METAMORPHOSIS.		

Occurrence No.	366	Map Index:	51232	EO Index:	51232	Element Last Seen:	2003-04-11
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:		2003-04-11	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2003-05-08	

Quad Summary: Mt. Madonna (3712116), Morgan Hill (3712126)
County Summary: Santa Clara

Lat/Long:	37.12581 / -121.73064	Accuracy:	specific area
UTM:	Zone-10 N4109582 E612759	Elevation (ft):	540
PLSS:	T09S, R02E, Sec. 26 (M)	Acres:	17.1

Location: INLET TO CHESBRO RESERVOIR, BETWEEN CHESBRO RESERVOIR AND UVAS ROAD BRIDGE CROSSING, 4 MILES WEST OF MORGAN HILL
Detailed Location: FROGS WERE OBSERVED IN ASSOCIATION WITH RIFFLES IN AN AREA WITH AN OPEN CANOPY. THIS POPULATION MOST LIKELY CONTINUES UPSTREAM ON PRIVATE LAND, WHERE HABITAT IS SIMILAR AND STREAM FLOWS ARE PERENNIAL.
Ecological: HABITAT CONSISTS OF OAK RIPARIAN WITHIN 15 METERS OF THE CREEK CHANNEL; CREEK BED DOMINATED BY A COBBLE SUBSTRATE.
General: 2 ADULTS OBSERVED ON 22 MAR 2003; 1 ADULT OBSERVED ON 23 MAR 2003; 1 ADULT OBSERVED ON 30 MAR 2003; 1 ADULT OBSERVED ON 11 APR 2003.
Owner/Manager: SANTA CLARA VALLEY WATER DIST



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



Ardea herodias		Element Code: ABNGA04010	
great blue heron			
Listing Status:	Federal: None	CNDDDB Element Ranks:	Global: G5
	State: None		State: S4
	Other: CDF_S-Sensitive, IUCN_LC-Least Concern		
Habitat:	General: COLONIAL NESTER IN TALL TREES, CLIFFSIDES, AND SEQUESTERED SPOTS ON MARSHES.		
	Micro: ROOKERY SITES IN CLOSE PROXIMITY TO FORAGING AREAS: MARSHES, LAKE MARGINS, TIDE-FLATS, RIVERS AND STREAMS, WET MEADOWS.		

Occurrence No.	40	Map Index:	17470	EO Index:	11908	Element Last Seen:	1991-02-06
Occ. Rank:	Fair	Presence:	Presumed Extant	Site Last Seen:		1991-02-06	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		1995-11-02	

Quad Summary: Morgan Hill (3712126)
County Summary: Santa Clara

Lat/Long:	37.18775 / -121.70197	Accuracy:	1/5 mile
UTM:	Zone-10 N4116489 E615211	Elevation (ft):	300
PLSS:	T08S, R02E, Sec. 36 (M)	Acres:	0.0

Location: ALONG THE SOUTH EDGE OF COYOTE CREEK, 0.5 MI WSW OF THE SCHELLER AVE OFF-RAMP OFF OF HWY 101, 5 MI NW OF MORGAN HILL.
Detailed Location: 5 NESTS (WITH 5-6 ADULT BIRDS) OBSERVED IN A 30 FT TALL SYCAMORE.
Ecological: HABITAT IS RIPARIAN PERIPHERAL TO COYOTE CREEK; UNDERCOVER DOMINATED BY ANNUAL GRASSES INTERSPERSED WITH MULEFAT.
General: COYOTE CREEK IS PROPOSED FOR PRESERVATION BY SANTA CLARA COUNTY PARKS AS PART OF A GREENBELT/BIKE TRAIL SYSTEM.
Owner/Manager: SCL COUNTY

Athene cunicularia		Element Code: ABNSB10010	
burrowing owl			
Listing Status:	Federal: None	CNDDDB Element Ranks:	Global: G4
	State: None		State: S2
	Other: BLM_S-Sensitive, DFG_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFWS_BCC-Birds of Conservation Concern		
Habitat:	General: OPEN, DRY ANNUAL OR PERENIAL GRASSLANDS, DESERTS & SCRUBLANDS CHARACTERIZED BY LOW-GROWING VEGETATION.		
	Micro: SUBTERRANEAN NESTER, DEPENDENT UPON BURROWING MAMMALS, MOST NOTABLY, THE CALIFORNIA GROUND SQUIRREL.		



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



Occurrence No.	200	Map Index: 24668	EO Index: 6555	Element Last Seen:	1993-XX-XX
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	1993-XX-XX
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	1993-11-18

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.18193 / -121.67254 **Accuracy:** 1/5 mile

UTM: Zone-10 N4115879 E617833 **Elevation (ft):** 700

PLSS: T09S, R03E, Sec. 05 (M) **Acres:** 0.0

Location: KIRBY CANYON, 3 MILES NORTH OF MORGAN HILL.

Detailed Location:

Ecological: HABITAT CONSISTS OF GRASSLAND ON SERPENTINE SOIL. OTHER RARE SPECIES FOUND IN THE VICINITY INCLUDE EUPHYDRYAS EDITHA BAYENSIS, CIRSIUM CAMPYLON, ADELA OPLERELLA, DUDLEYA SETCHELLII, AND STREPTANTHUS ALBIDUS ALBIDUS.

General: 2 OWLS OBSERVED EMERGING FROM BURROWS, 1991-93.

Owner/Manager: PVT-WASTE MANAGEMENT

Occurrence No.	269	Map Index: 39004	EO Index: 34011	Element Last Seen:	2003-06-10
Occ. Rank:	None		Presence: Possibly Extirpated	Site Last Seen:	2009-06-17
Occ. Type:	Natural/Native occurrence		Trend: Decreasing	Record Last Updated:	2009-12-22

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.13597 / -121.65158 **Accuracy:** 80 meters

UTM: Zone-10 N4110807 E619765 **Elevation (ft):** 350

PLSS: T09S, R03E, Sec. 21 (M) **Acres:** 0.0

Location: EL TORO SCHOOL, EAST OF THE INTERSECTION OF CALLE MAZATLAN AND EAST CENTRAL AVENUE, MORGAN HILL.

Detailed Location: SITE IS LOCATED ON A SMALL, FENCED LOT (RETENTION BASIN) AT THE NW CORNER OF THE SCHOOL YARD PLAYING FIELD. NEST IN BARE SOIL INSIDE FENCED GARDENING AREA. MAPPED TO PROVIDED DESCRIPTION AND AERIAL IMAGES.

Ecological: HABITAT CONSISTS OF MIXED HERBACEOUS VEGETATION 0-5' TALL, IN A FENCED RETENTION BASIN; VEGETATION MOWED IN SPRING 2003. SITE QUALITY FAIR TO POOR. OWLS MAY NOW BE EXTIRPATED (2009).

General: 1 OWL OBSERVED 3 JUN 1998; 2 OBS AFTER GRADING. 2 ADS & 4 JUVS OBS 9 JUN-2 AUG 2000. 1 AD OBS DURING JUN-AUG 2001. NONE OBS ON 4 VISITS MAY-JUN 2002. 1 OBS AT ARTIFICIAL BURROW 10 JUN 2003. NO OWLS OBS ON 26 MAY 2008 OR 17 JUN 2009.

Owner/Manager: MORGAN HILL UNIFIED SCH DIST



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



Occurrence No.	321	Map Index:	41050	EO Index:	41050	Element Last Seen:	1999-02-23
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:		2008-05-30	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2009-09-01	

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.22058 / -121.75013 **Accuracy:** 80 meters

UTM: Zone-10 N4120074 E610888 **Elevation (ft):** 400

PLSS: T08S, R02E, Sec. 22 (M) **Acres:** 0.0

Location: E SIDE OF TULARE HILL, 0.6 MI NW OF COYOTE PO, BETWEEN SANTA TERESA BLVD & MONTEREY HWY, S OF SAN JOSE.

Detailed Location:

Ecological: HABITAT CONSISTS OF SERPENTINE BUNCHGRASS; SURROUNDED BY AGRICULTURE AND RESIDENTIAL. OTHER RARE TAXA IN THE VICINITY INCLUDE SANTA CLARA VALLEY DUDLEYA AND METCALF CANYON JEWEL-FLOWER.

General: 1 ADULT OBSERVED ON 23 FEB 1999 AT BURROW; UNK IF THIS IS A BREEDING SITE (CRO99). ON 30 MAY 2008 NO ADULTS OR JUVENILES WERE OBSERVED IN THE VICINITY OF TULARE HILL, CONCLUDING THAT THE FEB 1999 OCCURRENCE MAY REPRESENT MIGRANT/WINTERING.

Owner/Manager: PVT

Occurrence No.	402	Map Index:	45374	EO Index:	45374	Element Last Seen:	2000-07-14
Occ. Rank:	None	Presence:	Possibly Extirpated	Site Last Seen:		2008-06-10	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2009-09-02	

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.15657 / -121.64904 **Accuracy:** 80 meters

UTM: Zone-10 N4113095 E619959 **Elevation (ft):** 385

PLSS: T09S, R03E, Sec. 16 (M) **Acres:** 0.0

Location: NORTH SIDE OF COCHRAN ROAD, 0.25 MILE NE OF HIGHWAY 101, NORTH OF MORGAN HILL.

Detailed Location: ORIGINAL NEST SITE JUST ALONG NORTH SIDE OF COCHRAN RD BETWEEN DE PAUL DR AND MISSION VIEW DR.

Ecological: HABITAT WAS MOWED, NON-IRRIGATED GRASSLAND & MIXED HERBACEOUS VEGETATION (2000). 2007 & 2009 AERIAL IMAGES & FIELD SURVEY FROM 2008 SHOW THAT PART OF THIS SITE HAS BEEN TURNED INTO A PARKING LOT & PART HAS BEEN GRADED FOR DEVELOPMENT.

General: BURROW WITH SIGN, WITH 2 ADULTS AND 1 RECENTLY-FLEDGED JUVENILE NEARBY, OBSERVED ON 14 JUL 2000. NO OWLS OBSERVED ON 10 JUNE 2008

Owner/Manager: UNKNOWN



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



<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, DFG_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.	251	Map Index:	66581	EO Index:	66718	Element Last Seen:	1945-06-13
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:		1945-06-13	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2006-10-04	

Quad Summary: Morgan Hill (3712126), Santa Teresa Hills (3712127)
County Summary: Santa Clara

Lat/Long:	37.21724 / -121.73835	Accuracy:	1 mile
UTM:	Zone-10 N4119718 E611938	Elevation (ft):	240
PLSS:	T08S, R02E, Sec. 22 (M)	Acres:	0.0

Location: COYOTE.
Detailed Location: MAPPED ACCORDING TO LAT/LONG COORDINATES GIVEN IN MANIS, WITH UNCERTAINTY 1609.344M.
Ecological:
General: 1 MALE SPECIMEN COLLECTED BY WALTER W. DALQUEST ON 13 JUN 1945, MVZ #103209.
Owner/Manager: UNKNOWN

<i>Neotoma fuscipes annectens</i>		Element Code: AMAFF08082	
San Francisco dusky-footed woodrat			
Listing Status:	Federal: None	CNDDDB Element Ranks:	Global: G5T2T3
	State: None		State: S2S3
	Other: DFG_SSC-Species of Special Concern		
Habitat:	General: FOREST HABITATS OF MODERATE CANOPY & MODERATE TO DENSE UNDERSTORY. MAY PREFER CHAPARRAL & REDWOOD HABITATS.		
	Micro: CONSTRUCTS NESTS OF SHREDDED GRASS, LEAVES & OTHER MATERIAL. MAY BE LIMITED BY AVAILABILITY OF NEST-BUILDING MATERIALS.		



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



Occurrence No.	3	Map Index: 69958	EO Index: 70793	Element Last Seen:	2006-09-20
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen:	2006-09-20
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2007-09-19

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.22239 / -121.69631 **Accuracy:** 80 meters

UTM: Zone-10 N4120339 E615660 **Elevation (ft):** 1135

PLSS: T08S, R03E, Sec. 19 (M) **Acres:** 0.0

Location: 0.85 MILE SOUTH OF THE INTERSECTION OF SHINGLE VALLEY ROAD AND METCALF ROAD, ~5 MILES NORTH OF MORGAN HILL.

Detailed Location: NEAR STATION 1321.

Ecological: HABITAT CONSISTS OF OPEN, NON-NATIVE GRASSLAND, VEGETATED BY GRASSES, STAR THISTLE, MILK THISTLE, BULL THISTLE, AND ASTER, AS WELL AS ARROYO WILLOW, CALIFORNIA BLACK WALNUT, RED WILLOW, & WESTERN SYCAMORE. EVIDENCE OF PIG ROOTING PRESENT.

General: 1 ADULT CAPTURED BETWEEN 18-20 SEP 2006; 4 WOODRAT NESTS PRESENT AT THIS LOCATION.

Owner/Manager: PVT-UNITED TECH CORP

Occurrence No.	4	Map Index: 69959	EO Index: 70794	Element Last Seen:	2006-10-19
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen:	2006-10-19
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2007-09-19

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.22798 / -121.68252 **Accuracy:** 80 meters

UTM: Zone-10 N4120976 E616875 **Elevation (ft):** 815

PLSS: T08S, R03E, Sec. 19 (M) **Acres:** 0.0

Location: 1 MILE SE OF THE INTERSECTION OF SHINGLE VALLEY ROAD AND METCALF ROAD, ~6 MILES NORTH OF MORGAN HILL.

Detailed Location: NEAR STATION 0710.

Ecological: HABITAT CONSISTS OF OPEN, NON-NATIVE GRASSLAND, VEGETATED BY GRASSES, STAR THISTLE, MILK THISTLE, BULL THISTLE, AND ASTER, AS WELL AS ARROYO WILLOW, CALIFORNIA BLACK WALNUT, RED WILLOW, & WESTERN SYCAMORE. EVIDENCE OF PIG ROOTING PRESENT.

General: 4 ADULT WOODRATS WERE TRAPPED BETWEEN 17-19 OCT 2006 AT DIFFERENT NEST LOCATIONS, IN AN AREA THAT CONTAINED AT LEAST 7 NESTS.

Owner/Manager: PVT-UNITED TECH CORP



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



Occurrence No.	5	Map Index:	69960	EO Index:	70795	Element Last Seen:	2006-10-25
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:		2006-10-25	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2007-09-20	

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.23232 / -121.68703 **Accuracy:** specific area

UTM: Zone-10 N4121453 E616468 **Elevation (ft):** 850

PLSS: T08S, R03E, Sec. 18 (M) **Acres:** 10.0

Location: 0.5 MILE ESE OF THE INTERSECTION OF SHINGLE VALLEY ROAD AND METCALF ROAD, ~6 MILES NORTH OF MORGAN HILL.

Detailed Location: NEAR STATIONS 0024 AND 0029.

Ecological: WITHIN RIPARIAN ZONE OF SHINGLE VALLEY CREEK. HABITAT IS OPEN, NON-NATIVE GRASSLAND, WITH GRASSES, STAR THISTLE, MILK THISTLE, BULL THISTLE, ASTER & ARROYO WILLOW, CALIF BLACK WALNUT, RED WILLOW & WESTERN SYCAMORE. EVIDENCE OF PIG ROOTING.

General: 12 WOODRATS WERE TRAPPED BETWEEN 31 MAY-16 JUN 2006; AREA CONTAINED AT LEAST 14 NESTS. 13 NESTS WERE FOUND ON 25 OCT 2006.

Owner/Manager: PVT-UNITED TECH CORP

Vulpes macrotis mutica **Element Code:** AMAJA03041

San Joaquin kit fox

Listing Status:	Federal: Endangered	CNDDB Element Ranks:	Global: G4T2T3
	State: Threatened		State: S2S3
Habitat:	General: ANNUAL GRASSLANDS OR GRASSY OPEN STAGES WITH SCATTERED SHRUBBY VEGETATION.		
	Micro: NEED LOOSE-TEXTURED SANDY SOILS FOR BURROWING, AND SUITABLE PREY BASE.		

Occurrence No.	1030	Map Index:	67979	EO Index:	68129	Element Last Seen:	1975-07-XX
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:		1975-07-XX	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2007-01-30	

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.23674 / -121.72118 **Accuracy:** 2/5 mile

UTM: Zone-10 N4121901 E613432 **Elevation (ft):** 1220

PLSS: T08S, R02E, Sec. 14 (M) **Acres:** 0.0

Location: E OF SANTA CLARA, ALONG METCALFE RD, NEAR METCALFE CANYON.

Detailed Location:

Ecological:

General: SIGHTING SOMETIME FROM 1972 THROUGH JUL 1975.

Owner/Manager: UNKNOWN



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



<i>Taxidea taxus</i>		Element Code: AMAJF04010	
American badger			
Listing Status:	Federal: None	CNDDDB Element Ranks:	Global: G5
	State: None		State: S4
	Other: DFG_SSC-Species of Special Concern, IUCN_LC-Least Concern		
Habitat:	General: MOST ABUNDANT IN DRIER OPEN STAGES OF MOST SHRUB, FOREST, AND HERBACEOUS HABITATS, WITH FRIABLE SOILS.		
	Micro: NEEDS SUFFICIENT FOOD, FRIABLE SOILS & OPEN, UNCULTIVATED GROUND. PREYS ON BURROWING RODENTS. DIGS BURROWS.		

Occurrence No.	396	Map Index:	70312	EO Index:	71201	Element Last Seen:	2007-02-07
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:		2007-02-07	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2007-10-23	

Quad Summary: Morgan Hill (3712126)
County Summary: Santa Clara

Lat/Long:	37.23363 / -121.67132	Accuracy:	80 meters
UTM:	Zone-10 N4121618 E617860	Elevation (ft):	800
PLSS:	T08S, R03E, Sec. 17 (M)	Acres:	0.0

Location: 920 FT W OF LAS ANIMAS RD, 2.4 MI NNW OF ANDERSON LAKE.
Detailed Location:
Ecological: THE LANDSCAPE SURROUNDING IS DOMINATED BY OPEN NON-NATIVE ANNUAL GRASSLANDS INCLUDING STAR THISTLE, MILK THISTLE, BULL THISTLE, AND ASTER SP., ALSO COAST LIVE OAK AND VALLEY OAK. EVIDENCE OF PIG ROOTING OBSERVED.
General: ACTIVE BURROW WITH CLAW MARKS OBSERVED ON 7 FEB 2007.
Owner/Manager: PVT-UNITED TECH CORP

<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, DFG_SSC-Species of Special Concern, IUCN_VU-Vulnerable, USFS_S-Sensitive		
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.		



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



Occurrence No.	177	Map Index: 44343	EO Index: 44343	Element Last Seen:	1998-03-10
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	1998-03-10
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2000-11-20

Quad Summary: Mt. Madonna (3712116), Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long:	37.12260 / -121.70703	Accuracy:	nonspecific area
------------------	-----------------------	------------------	------------------

UTM:	Zone-10 N4109255 E614861	Elevation (ft):	525
-------------	--------------------------	------------------------	-----

PLSS:	T09S, R02E, Sec. 25 (M)	Acres:	214.2
--------------	-------------------------	---------------	-------

Location: CHESBRO RESERVOIR, CHESBRO RESERVOIR COUNTY PARK, OAK GLEN AVE, ~3.5 MILES WEST OF MORGAN HILL (SAN PEDRO & MONTEREY RD)

Detailed Location: MAPPED TO THE RESERVOIR, MORE SPECIFIC DETAILS NOT GIVEN.

Ecological: RESERVOIR

General: 7 OBSERVED IN 1998

Owner/Manager: SCL COUNTY

Occurrence No.	178	Map Index: 44345	EO Index: 44345	Element Last Seen:	1998-04-20
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	1998-04-20
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2000-11-20

Quad Summary: Morgan Hill (3712126), Santa Teresa Hills (3712127)

County Summary: Santa Clara

Lat/Long:	37.23128 / -121.75591	Accuracy:	nonspecific area
------------------	-----------------------	------------------	------------------

UTM:	Zone-10 N4121254 E610360	Elevation (ft):	240
-------------	--------------------------	------------------------	-----

PLSS:	T08S, R02E, Sec. 16 (M)	Acres:	78.6
--------------	-------------------------	---------------	------

Location: COYOTE CREEK PERCOLATION PONDS, JUST DOWNSTREAM (NORTH) OF METCALF & MONTEREY ROADS, BETWEEN HIGHWAY 101 & MONTEREY ROAD

Detailed Location: PERCOLATION/RECHARGE PONDS IN THE SANTA TERESA AREA OF SOUTH SAN JOSE. NO DATA AS TO WHICH POND HAD THE TURTLE SO ALL WERE MAPPED.

Ecological:

General: 1 OBSERVED, IDENTIFICATION MAY BE IN QUESTION, 1998.

Owner/Manager: SCL COUNTY

Occurrence No.	230	Map Index: 49737	EO Index: 49737	Element Last Seen:	2001-03-27
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen:	2001-03-27
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2002-12-27

Quad Summary: Mt. Sizer (3712125), Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long:	37.17078 / -121.62264	Accuracy:	nonspecific area
------------------	-----------------------	------------------	------------------

UTM:	Zone-10 N4114706 E622280	Elevation (ft):	800
-------------	--------------------------	------------------------	-----

PLSS:	T09S, R03E, Sec. 10 (M)	Acres:	1012.6
--------------	-------------------------	---------------	--------

Location: ANDERSON RESERVOIR, 3.5 MILES NE OF MORGAN HILL.

Detailed Location: ONE TURTLE OBSERVED SOMEWHERE IN THE LAKE, OBSERVED DURING ANNUAL RAPTOR SURVEY.

Ecological: LACUSTRINE, ANNUAL GRASSLAND, & VALLEY Foothill RIPARIAN SURROUNDS THE LAKE.

General: GENERAL LANDUSE IN THE AREA IS COUNTY PARKLAND & RECREATION -- FISHING AND OTHER. ALSO RESERVOIR OPERATIONS.

Owner/Manager: PVT-SANTA CLARA VALLEY WD



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



Occurrence No.	256	Map Index:	53966	EO Index:	53966	Element Last Seen:	2003-02-18
Occ. Rank:	Fair	Presence:	Presumed Extant	Site Last Seen:		2003-02-18	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2004-01-20	

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.18316 / -121.69265 **Accuracy:** 1/10 mile

UTM: Zone-10 N4115992 E616045 **Elevation (ft):** 320

PLSS: T09S, R03E, Sec. 06 (M) **Acres:** 0.0

Location: OLD QUARRY PITS THAT ARE PART OF THE COYOTE CREEK PARKWAY, 4 MILES NNW OF MORGAN HILL

Detailed Location: POND TURTLES FOUND IN POND C2.

Ecological: HABITAT CONSISTS OF OLD QUARRY PITS WHICH NOW SUPPORT SEASONAL AND PERENNIAL PONDS; PATCHY WILLOWS ALONG SHORELINE, DENSE AQUATIC VEGETATION, AND PATCHY EMERGENTS. WATER >2' DEEP. SURROUNDING HABITAT RUDERAL.

General: PAIR OF ADULT (CARAPACE >6" IN LENGTH) TURTLES OBSERVED ON 18 FEB 2003.

Owner/Manager: SCL COUNTY-COYOTE CRK PARKWAY

Serpentine Bunchgrass

Element Code: CTT42130CA

Serpentine Bunchgrass

Listing Status: Federal: None

CNDDDB Element Ranks: Global: G2

State: None

State: S2.2

Other:

Habitat: General:

Micro:

Occurrence No.	7	Map Index:	10628	EO Index:	8365	Element Last Seen:	1986-XX-XX
Occ. Rank:	Poor	Presence:	Presumed Extant	Site Last Seen:		1988-12-10	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		1998-07-14	

Quad Summary: Morgan Hill (3712126), Santa Teresa Hills (3712127)

County Summary: Santa Clara

Lat/Long: 37.22188 / -121.75301 **Accuracy:** 1/5 mile

UTM: Zone-10 N4120215 E610631 **Elevation (ft):** 480

PLSS: T08S, R02E, Sec. 21 (M) **Acres:** 0.0

Location: TULARE HILL, JUST SOUTH OF COYOTE CREEK, SOUTH OF HWY 101, SE OF SAN JOSE.

Detailed Location:

Ecological: DANTHONIA CALIFORNICA, HORDEUM BRACHYANTHERUM, NASSELLA PULCHRA, PLANTAGO ERECTA, MELICA SP., LESSINGIA SP., LOMATIUM SP., BRODIAEA SP., ACHILLEA MILLEFOLIUM, RANUNCULUS CALIFORNICUS AND LEWISIA SP.

General: POTENTIAL CHECKERSPOT BUTTERFLY HABITAT. SEE WWW.DFG.CA.GOV/BIOGEO/VEGCAMP/NATURAL_COMM_BACKGROUND.ASP TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.

Owner/Manager: PVT



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



Occurrence No.	11	Map Index: 10687	EO Index: 8107	Element Last Seen:	1986-04-12
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	1989-04-21
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	1998-07-14

Quad Summary: Morgan Hill (3712126), Lick Observatory (3712136)

County Summary: Santa Clara

Lat/Long: 37.24132 / -121.72801 **Accuracy:** 1 mile

UTM: Zone-10 N4122401 E612820 **Elevation (ft):** 800

PLSS: T08S, R02E, Sec. 14 (M) **Acres:** 0.0

Location: METCALFE CANYON VICINITY, EAST OF HIGHWAY 101, SOUTHEAST OF SAN JOSE.

Detailed Location: LARGE SERPENTINE GRASSLAND, EXTENT UNKNOWN BUT WILL BE MAPPED IN 1987 BY MCCARTEN.

Ecological: ON SERPENTINE. POA SECUNDA, MELICA IMPERFECTA, DANTHONIA CALIFORNICA, NASSELLA PULCHRA, HORDEUM BRACHYANTHERUM, ELYMUS ELYMOIDES ELYMOIDES, FESTUCA SP, M. CALIFORNICA. SO. AREA HAS BEEN DES. CRITICAL HABITAT FOR BAY CHECKERSPOT BUTTERFLIES.

General: EXTREMELY RARE STREPTANTHUS ALBIDUS & DUDLEYA SETCHELLII, RARE FRITILLARIA LILIACEA & CIRSIUM CAMPYLON OCCUR HERE. SEE WWW.DFG.CA.GOV/BIOGEODATA/VEGCAMP/NATURAL_COMM_BACKGROUND.ASP TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.

Owner/Manager: PVT

Occurrence No.	18	Map Index: 17156	EO Index: 1688	Element Last Seen:	1988-10-22
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	1988-10-22
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	1998-07-14

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.14224 / -121.67525 **Accuracy:** specific area

UTM: Zone-10 N4111473 E617654 **Elevation (ft):** 500

PLSS: T09S, R03E, Sec. 20 (M) **Acres:** 96.0

Location: HILLSIDE IMMEDIATELY NW OF LLAGAS AVE, 0.4 MILE EAST OF JUNCTION OF OLD HWY 101 AND COCHRAN ROAD, NORTH OF MORGAN HILL.

Detailed Location: WITHIN NON-SERPENTINE GRASSLAND ON ROCKY SLOPING AREAS.

Ecological: EXACT COMPOSITION UNKNOWN BUT NASSELLA PULCHRA, KOELERIA CRISTATA, MELICA SP. AND RARE TAXA STREPTANTHUS ALBIDUS SSP. PERAMOENUS, DUDLEYA SETCHELLII, CEANOETHUS FERRISAE AND BAY CHECKERSPOT BUTTERFLY PRESENT.

General: UNDER CONSIDERATION FOR CUSTOM HOME DEVELOPMENT, ANNEXATION TO CITY OF MORGAN HILL. SEE WWW.DFG.CA.GOV/BIOGEODATA/VEGCAMP/NATURAL_COMM_BACKGROUND.ASP TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.

Owner/Manager: PVT



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



Sycamore Alluvial Woodland		Element Code: CTT62100CA	
Sycamore Alluvial Woodland			
Listing Status:	Federal: None	CNDDDB Element Ranks:	Global: G1
	State: None		State: S1.1
	Other:		
Habitat:	General: <input type="checkbox"/>		
	Micro: <input type="checkbox"/>		

Occurrence No.	10	Map Index:	22011	EO Index:	24252	Element Last Seen:	1992-11-11
Occ. Rank:	Fair	Presence:	Presumed Extant	Site Last Seen:		1992-11-11	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		1998-07-21	

Quad Summary: Morgan Hill (3712126)
County Summary: Santa Clara

Lat/Long:	37.17411 / -121.68360	Accuracy:	specific area
UTM:	Zone-10 N4114998 E616863	Elevation (ft):	320
PLSS:	T09S, R03E, Sec. 06 (M)	Acres:	40.1

Location: COYOTE CREEK; 1.4 MILES WSW OF PIGEON PT AND 1.4 MILES NNW OF MADRONE IN COYOTE CREEK PARK, SANTA CLARA COUNTY.

Detailed Location: TWO POLYGONS ALONG COYOTE CREEK, EXTENDING FROM APPROX 0.4 MILE WEST OF BURNETT AVE DOWNSTREAM TO AREA JUST SOUTH OF GRAVEL PITS. 1992 FIRE AT MIDSECTION OF OCCURRENCE RESULTING IN MUCH RESPROUTING OF SYCAMORES. SURROUNDING ORCHARDS & AG.

Ecological: UPSTREAM HIGHLY MIXED RIPARIAN AREA OF PLATANUS RACEMOSA, SALIX LASIANDRA, QUERCUS AGRIFOLIA, QUERCUS LOBATA, UMBELLULARIA, ACER MACROPHYLLUM, & AESCULUS GRADING TO A MORE OPEN WOODLAND STRONGLY DOMINATED BY P. RACEMOSA AT DOWNSTREAM END.

General: SEDIMENTARY FRANCISCAN DERIVED SUBSTRATE. SINGLE CHANNEL UPSTREAM, MULTICHANNEL DOWNSTREAM. SEE WWW.DFG.CA.GOV/BIOGEODATA/VEGCAMP/NATURAL_COMM_BACKGROUND.ASP TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.

Owner/Manager: SCL COUNTY

Adela oplerella		Element Code: IILEE0G040	
Opler's longhorn moth			
Listing Status:	Federal: None	CNDDDB Element Ranks:	Global: G2G3
	State: None		State: S2S3
	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. LARVE FEED ON PLATYSTEMON CALIFORNICUS.		



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



Occurrence No.	2	Map Index: 38612	EO Index: 42574	Element Last Seen: 1992-XX-XX
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen: 1992-XX-XX
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2000-03-16

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.17651 / -121.73501 **Accuracy:** nonspecific area

UTM: Zone-10 N4115202 E612295 **Elevation (ft):** 450

PLSS: T09S, R02E, Sec. 03 (M) **Acres:** 129.2

Location: "KALANAS HILLS" SITE, ADJACENT TO SANTA TERESA BOULEVARD, BETWEEN FISHER ROAD AND SAN BRUNO AVENUE, NW OF MORGAN HILL.

Detailed Location: SITE RUNS PARALLEL TO SANTA TERESA BOULEVARD.

Ecological: HABITAT CONSISTS OF GRAZED SERPENTINE GRASSLAND. EUPHYDRYAS EDITHA BAYENSIS AND DUDLEYA SETCHELLII ALSO FOUND AT THIS SITE.

General: ACTIVE SITE, 1990-92.

Owner/Manager: PVT

Occurrence No.	3	Map Index: 10772	EO Index: 42576	Element Last Seen: 1993-XX-XX
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen: 1993-XX-XX
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2000-03-20

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.20202 / -121.68658 **Accuracy:** nonspecific area

UTM: Zone-10 N4118091 E616556 **Elevation (ft):** 700

PLSS: T08S, R03E, Sec. 30 (M) **Acres:** 6327.4

Location: "EAST HILLS" SITE, RIDGE ON THE EAST SIDE HIGHWAY 101, BETWEEN MORGAN HILL AND SAN JOSE.

Detailed Location:

Ecological: HABITAT CONSISTS OF SERPENTINE BUNCHGRASS, DOMINATED BY NASSELLA PULCHRA, OTHER NATIVE GRASSES.

General: ACTIVE SITE, 1990-93.

Owner/Manager: PVT-UNITED TECH CORP, OTHERS



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



Occurrence No.	4	Map Index: 38611	EO Index: 42577	Element Last Seen: 1993-XX-XX
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen: 1993-XX-XX
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2000-03-20

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.14387 / -121.67902 **Accuracy:** nonspecific area

UTM: Zone-10 N4111649 E617316 **Elevation (ft):** 600

PLSS: T09S, R03E, Sec. 18 (M) **Acres:** 357.9

Location: "HALE" SITE, EAST OF WILLOW SPRINGS ROAD AND SOUTH OF THE HALE AVENUE/TILTON INTERSECTION, NW OF MORGAN HILL.

Detailed Location:

Ecological: HABITAT CONSISTS OF GRAZED SERPENTINE GRASSLAND, WITH SOME CHAPARRAL, OAK WOODLAND, SEEPS, AND ROCKY OUTCROPS. RARE SPECIES LOCATED IN THE ADJACENT CHAPARRAL INCLUDE DUDLEYA SETCHELLII AND CEANOETHUS FERRISAE.

General: ACTIVE SITE, 1990-93.

Owner/Manager: PVT

Occurrence No.	5	Map Index: 10628	EO Index: 42578	Element Last Seen: 1993-XX-XX
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen: 1993-XX-XX
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2000-03-20

Quad Summary: Morgan Hill (3712126), Santa Teresa Hills (3712127)

County Summary: Santa Clara

Lat/Long: 37.22188 / -121.75301 **Accuracy:** 1/5 mile

UTM: Zone-10 N4120215 E610631 **Elevation (ft):** 480

PLSS: T08S, R02E, Sec. 21 (M) **Acres:** 0.0

Location: TULARE HILL, JUST SOUTH OF COYOTE CREEK, SOUTH OF HIGHWAY 101, SOUTHEAST OF SAN JOSE.

Detailed Location:

Ecological: HABITAT CONSISTS OF GRAZED SERPENTINE GRASSLAND.

General: ACTIVE SITE, 1990-93.

Owner/Manager: PVT

Euphydryas editha bayensis

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.



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



Occurrence No.	17	Map Index:	10772	EO Index:	3359	Element Last Seen:	1999-06-XX
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:			1999-06-XX
Occ. Type:	Natural/Native occurrence	Trend:	Fluctuating	Record Last Updated:			1999-11-15

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.20202 / -121.68658 **Accuracy:** nonspecific area

UTM: Zone-10 N4118091 E616556 **Elevation (ft):** 700

PLSS: T08S, R03E, Sec. 30 (M) **Acres:** 6327.4

Location: "EAST HILLS" SITE, RIDGE ON THE EAST SIDE HIGHWAY 101, BETWEEN MORGAN HILL AND SAN JOSE

Detailed Location: AKA KIRBY CANYON OR COYOTE RIDGE. THIS SITE SUPPORTS THE LARGEST COLONY ON THE PENINSULA; ONE OF FIVE SITES DESIGNATED AS CRITICAL HABITAT BY USFWS. IN 1993, 15 LARVAE OBSERVED IN AN AREA WHERE THEY WERE PREVIOUSLY ABSENT.

Ecological: HABITAT CONSISTS OF SERPENTINE BUNCHGRASS, DOMINATED BY NASSELLA PULCHRA, OTHER NATIVE GRASSES. ADULTS/LARVAE FEED ON PLANTAGO ERECTA AND ORTHOCARPUS DENSIFLORUS; PRESENCE OF BOTH PLANTS NECESSARY FOR COMPLETION OF LIFE CYCLE.

General: POPULATION ESTIMATES ON 220 ACRE PARCEL: 1985=46K, 1986=236K, 1987=391K (>220 AC), 1988=159K. 1993= LOW 100.000'S. 1994=75-125K ADULTS. 1995=100K+ ADULTS. 1997=20K+ ADULTS. 1998=50K+ LARVAE OBS. 1999=75K+ OBS. 4 OBS 1992 S OF METCALF RD

Owner/Manager: PVT-UNITED TECH CORP, OTHERS

Occurrence No.	20	Map Index:	38611	EO Index:	33618	Element Last Seen:	1997-03-26
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:			1997-03-26
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:			1999-08-12

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.14387 / -121.67902 **Accuracy:** nonspecific area

UTM: Zone-10 N4111649 E617316 **Elevation (ft):** 600

PLSS: T09S, R03E, Sec. 18 (M) **Acres:** 357.9

Location: "HALE" SITE, EAST OF WILLOW SPRINGS ROAD AND SOUTH OF THE HALE AVENUE/TILTON INTERSECTION, NW OF MORGAN HILL.

Detailed Location:

Ecological: HABITAT CONSISTS OF GRAZED SERPENTINE GRASSLAND, WITH SOME CHAPARRAL, OAK WOODLAND, SEEPS, AND ROCKY OUTCROPS. RARE SPECIES LOCATED IN THE ADJACENT CHAPARRAL INCLUDE ADELA OPLERELLA, DUDLEYA SETCHELLII, AND CEANOTHUS FERRISAE.

General: ACTIVE SITE, 1989-92. 2 ADULTS OBSERVED ON 26 MAR 1997.

Owner/Manager: PVT



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



Occurrence No.	21	Map Index: 38612	EO Index: 33619	Element Last Seen: 1997-03-25
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen: 1997-03-25
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 1999-08-12

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.17651 / -121.73501 **Accuracy:** nonspecific area

UTM: Zone-10 N4115202 E612295 **Elevation (ft):** 450

PLSS: T09S, R02E, Sec. 03 (M) **Acres:** 129.2

Location: "KALANAS HILLS" SITE, RUNNING PARALLEL TO SANTA TERESA BLVD, BETWEEN FISHER RD AND SAN BRUNO AVENUE, NNW OF MORGAN HILL.

Detailed Location: FOUR PATCHES OF SERPENTINE GRASSLAND: NORTHERNMOST PATCH CALLED "KALANA 4" AND SOUTHERNMOST CALLED "KALANA 1."

Ecological: HABITAT CONSISTS OF GRAZED SERPENTINE GRASSLAND. ADELA OPLERELLA AND DUDLEYA SETCHELLII ALSO FOUND AT THIS SITE.

General: ACTIVE SITE, 1989-92. 1 ADULT OBSERVED ON 25 MARCH 1997.

Owner/Manager: PVT

Occurrence No.	22	Map Index: 38613	EO Index: 33620	Element Last Seen: 1999-04-05
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen: 1999-04-05
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 1999-09-20

Quad Summary: Morgan Hill (3712126), Lick Observatory (3712136)

County Summary: Santa Clara

Lat/Long: 37.24518 / -121.73351 **Accuracy:** nonspecific area

UTM: Zone-10 N4122822 E612326 **Elevation (ft):** 1000

PLSS: T08S, R02E, Sec. 10 (M) **Acres:** 1190.9

Location: "METCALF CANYON AND SAN FELIPE," BETWEEN METCALF CANYON TO THE SOUTH AND SAN FELIPE RD TO THE NORTH, NNW OF MORGAN HILL.

Detailed Location: SITE CONSISTS OF TWO PATCHES OF SERPENTINE BEGINNING NE OF THE TWO RIDGES NORTH OF METCALF CANYON ROAD AND CONTINUING ALMOST UNTIL SAN FELIPE ROAD.

Ecological: HABITAT CONSISTS OF SERPENTINE GRASSLAND, SEEPS, AND ROCKY OUTCROPS. SITE QUALITY RANGES FROM GOOD TO POOR. OTHER RARE TAXA FOUND AT THIS SITE INCLUDE RANA AURORA DRAYTONII, CIRSIUM CAMPYLON, DUDLEYA SETCHELLII, AND STREPTANTHUS ALBIDUS.

General: ACTIVE SITE, 1989-90. 1000'S OBSERVED IN 1993. 20K+ ADULTS OBSERVED DURING A STUDY CONDUCTED FROM 15 FEB-APR 1997. 100K+ ADULTS OBSERVED IN 1998. 100K+ ADULTS OBSERVED IN 1999.

Owner/Manager: PVT



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



Occurrence No.	23	Map Index:	10628	EO Index:	41638	Element Last Seen:	2002-04-03
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:		2002-04-03	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		1999-09-15	

Quad Summary: Morgan Hill (3712126), Santa Teresa Hills (3712127)

County Summary: Santa Clara

Lat/Long: 37.22188 / -121.75301 **Accuracy:** 1/5 mile

UTM: Zone-10 N4120215 E610631 **Elevation (ft):** 480

PLSS: T08S, R02E, Sec. 21 (M) **Acres:** 0.0

Location: TULARE HILL, JUST SOUTH OF COYOTE CREEK, SOUTH OF HWY 101, SOUTHEAST OF SAN JOSE.

Detailed Location:

Ecological: SERPENTINE GRASSLAND HABITAT.

General: A FEW TO HUNDREDS OF INDIVIDUALS WERE OBSERVED IN SPRING 1994 AND 1993. 15 ADULTS WERE OBSERVED ON 3 APR 2002.

Owner/Manager: PVT

Occurrence No.	25	Map Index:	53208	EO Index:	53208	Element Last Seen:	2002-04-09
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:		2002-04-09	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2003-11-06	

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.23869 / -121.74872 **Accuracy:** 80 meters

UTM: Zone-10 N4122085 E610986 **Elevation (ft):** 560

PLSS: T08S, R02E, Sec. 15 (M) **Acres:** 0.0

Location: 0.5 MILE NW OF METCALFE ROAD AND THE ABANDONED EVERGREEN CANAL CROSSING, SE OF SAN JOSE

Detailed Location:

Ecological: HABITAT CONSISTS OF SERPENTINE GRASSLAND, VEGETATED BY DWARF PLAIN TAIN, QUEEN ANNE'S LACE, AND OTHER HOST/NECTAR PLANTS.

General: 1 ADULT BAY CHECKERSPOT OBSERVED FLUTTERING BETWEEN PATCHES OF DWARF PLAIN TAIN ON A NE SLOPE ON 9 APR 2002.

Owner/Manager: UNKNOWN



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



<i>Microcina homi</i>		Element Code: ILARA47020	
Hom's micro-blind harvestman			
Listing Status:	Federal: None	CNDDB 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.	2	Map Index: 58582	EO Index: 58618	Element Last Seen:	1966-02-26
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	1966-02-26
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2004-12-14
Quad Summary:	Morgan Hill (3712126)				
County Summary:	Santa Clara				
Lat/Long:	37.13517 / -121.67479		Accuracy:	2/5 mile	
UTM:	Zone-10 N4110689 E617705		Elevation (ft):	400	
PLSS:	T09S, R03E, Sec. 20 (M)		Acres:	0.0	
Location:	1 MILE NW OF MORGAN HILL.				
Detailed Location:	FOUND EXCLUSIVELY UNDER MOIST ROCKS IN AN OPEN HILLSIDE-GRASSLAND HABITAT.				
Ecological:	THIS IS A BLIND SPECIES FOUND CLINGING TO THE UBERSURFACES OF SERPENTINE ROCKS NEAR PERMANENT SPRINGS.				
General:	ONE MALE PARATYPE COLLECTED BY BRIGGS, DEPOSITED IN CAS. THIS POPULATION WAS ORIGINALLY CONSIDERED TO BE CALICINA MINOR.				
Owner/Manager:	PVT				

Occurrence No.	5	Map Index: 58588	EO Index: 58624	Element Last Seen:	1983-01-02
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	1983-01-02
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2004-12-14
Quad Summary:	Morgan Hill (3712126)				
County Summary:	Santa Clara				
Lat/Long:	37.23508 / -121.73145		Accuracy:	1/5 mile	
UTM:	Zone-10 N4121705 E612524		Elevation (ft):	860	
PLSS:	T08S, R02E, Sec. 14 (M)		Acres:	0.0	
Location:	1.8 MILES NORTH OF HWY 101 ON METCALF ROAD.				
Detailed Location:					
Ecological:					
General:	HOLOTYPE MALE AND 25 MALE AND 20 FEMALE PARATYPES, COLLECTED BY BRIGGS, LEE, AND UBICK, AND DEPOSITED IN CAS.				
Owner/Manager:	UNKNOWN				

<i>Cirsium fontinale var. campylon</i>		Element Code: PDAST2E163	
Mt. Hamilton fountain thistle			
Listing Status:	Federal: None	CNDDB 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. 95-890M.		



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



Occurrence No.	5	Map Index: 16423	EO Index: 3360	Element Last Seen:	1993-06-12
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen:	1993-06-12
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2010-07-23

Quad Summary: Morgan Hill (3712126), Lick Observatory (3712136)

County Summary: Santa Clara

Lat/Long: 37.24694 / -121.73519 **Accuracy:** specific area

UTM: Zone-10 N4123016 E612175 **Elevation (ft):** 700

PLSS: T08S, R02E, Sec. 10 (M) **Acres:** 93.9

Location: NORTH SLOPE OF METCALFE CANYON, ABOUT 1.5 MILES NORTH OF COYOTE, NW OF MORGAN HILL.

Detailed Location: 11 COLONIES. SCATTERED FROM METCALFE CANYON TO HILLS NORTH.

Ecological: SERPENTINE SOIL, SEASONAL AND PERENNIAL DRAINAGES. SURROUNDED BY ANNUAL GRASSLAND. WITH ORTHOCARPUS DENSIFLORUS, LAYIA PLATYGLOSSA, CIRSIUM VULGARE, MIMULUS GUTTATUS, ARTEMISIA CALIFORNICA, AND BAY CHECKERSPOT BUTTERFLY. ELEV 360-1200 FT.

General: HUNDREDS OF PLANTS SEEN IN 1983. 100-200 PLANTS SEEN IN 1986 ALONG ONE CREEK. BINOCULAR ESTIMATE OF 4 COLONIES IN 1993 FOUND HUNDREDS OF PLANTS. RARE ASSOCIATES: DUDLEYA SETCHELLII, STREPTANTHUS ALBIDUS SSP ALBIDUS, FRITILLARIA LILIACEA.

Owner/Manager: PVT-UNITED TECH CORP, OTHERS

Occurrence No.	6	Map Index: 42258	EO Index: 42258	Element Last Seen:	2007-01-04
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen:	2007-01-04
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2010-07-22

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.16788 / -121.63300 **Accuracy:** specific area

UTM: Zone-10 N4114371 E621364 **Elevation (ft):** 560

PLSS: T09S, R03E, Sec. 10 (M) **Acres:** 3.0

Location: ANDERSON DAM COUNTY PARK, NORTH SLOPE OF SPILLWAY, ABOUT 0.7 MILE EAST OF WILLIAM JAMES BOYS RANCH, NE OF MORGAN HILL.

Detailed Location: SERPENTINE SEEPS ON LOWER PORTION OF N SLOPE OF DAM SPILLWAY. PUBLIC ACCESS ONLY BY BOAT OR BY CLIMBING FENCES WITH PERMISSION AND CROSSING SPILLWAY. 1937 COLLECTION FROM "COYOTE CREEK, 3 MILES EAST OF MADRONE" ATTRIBUTED TO THIS SITE.

Ecological: GRASSLAND / FOOTHILL PINE ON SERPENTINE; CIRSIUM IN SEEPS. ASSOCIATED WITH MIMULUS GUTTATUS, ARTEMISIA CALIFORNICA, ERIOPHYLLUM CONFERTIFLORUM, HETEROMELES ARBUTIFOLIA, PINUS SABINIANA, NICOTIANA GLAUCA, CORTADERIA SELLOANA. S-FACING SLOPE.

General: 119 PLANTS OBSERVED IN 1993, APPROXIMATELY 500 IN 2004, 514 IN 2006, UNKNOWN NUMBER IN 2007. INCLUDES FORMER OCCURRENCE #51.

Owner/Manager: SCL COUNTY-ANDERSON DAM PARK



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



Occurrence No.	7	Map Index: 42237	EO Index: 42237	Element Last Seen:	1985-04-26
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	1985-04-26
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2000-01-26

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.20681 / -121.71183 **Accuracy:** specific area

UTM: Zone-10 N4118592 E614307 **Elevation (ft):** 500

PLSS: T08S, R02E, Sec. 25 (M) **Acres:** 26.9

Location: EAST OF COYOTE CREEK, ABOUT 1 AIR MILE EAST OF ENCINAL SCHOOL, HILLS EAST OF SANTA CLARA VALLEY.

Detailed Location: 4 COLONIES, ALL NEAR OR UNDER PIPELINE ALONG SMALL STREAMS.

Ecological: IMMEDIATE EDGES OF SMALL STREAMS IN SERPENTINE DERIVED SOIL.

General: 1000 PLANTS IN ENTIRE MORGAN HILL/METCALFE CYN AREA IN 1983. IN 1985: 80 PLANTS AT NORTHWESTERN COLONY, 54 PLANTS AT NORTH-CENTRAL COLONY, 3 PLANTS AT SOUTH CENTRAL AND SOUTHEASTERN COLONIES. ABOUT 500 PLANTS AT 2 NORTHERN COLONIES IN 1989.

Owner/Manager: PVT-UNITED TECH CORP, OTHERS

Occurrence No.	8	Map Index: 42239	EO Index: 42239	Element Last Seen:	2000-04-08
Occ. Rank:	Excellent		Presence: Presumed Extant	Site Last Seen:	2000-04-08
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2010-07-16

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.20600 / -121.69934 **Accuracy:** specific area

UTM: Zone-10 N4118517 E615417 **Elevation (ft):** 800

PLSS: T08S, R02E, Sec. 25 (M) **Acres:** 41.2

Location: EAST OF COYOTE CREEK, ABOUT 1.5 AIR MILES EAST OF ENCINAL SCHOOL, HILLS EAST OF SANTA CLARA VALLEY.

Detailed Location: 16 COLONIES IN THE HILLS TO THE NE OF EXTENSION OF HIGHWAY 101.

Ecological: CONCENTRATED IN SUNNY, BOGGY SPRINGS AND STREAMSIDE, IN SERPENTINE GRASSLANDS. WITH NASELLA PULCHRA, ORTHOCARPUS DENSIFLORUS, PLANTAGO ERECTA, LASTHENIA CHRYSOSTOMA, LAYIA PLATYGLOSSA, LINANTHUS AMBIGUUS, LINANTHUS DICHOTOMUS, ET AL.

General: 1983: <1000 PLANTS IN 6 COLONIES. 1985: 6 PLANTS AT SW COLONY. 1989: 40 PLANTS AT N COLONY, 350 JUST TO SE, 400 PLANTS AT CENTRAL COLONY, 40 PLANTS AT S-CENTRAL COLONY, 200 PLANTS AT COLONY JUST TO THE E, 140 PLANTS AT EASTERNMOST COLONIES.

Owner/Manager: PVT, CITY OF SAN JOSE



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



Occurrence No.	9	Map Index: 42240	EO Index: 42240	Element Last Seen:	1989-04-XX
Occ. Rank:	Excellent		Presence: Presumed Extant	Site Last Seen:	1989-04-XX
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2000-01-26

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.19495 / -121.69553 **Accuracy:** specific area

UTM: Zone-10 N4117296 E615772 **Elevation (ft):** 500

PLSS: T08S, R03E, Sec. 31 (M) **Acres:** 7.4

Location: EAST OF COYOTE CREEK, ABOUT 1.9 MILES ESE OF ENCINAL SCHOOL, HILLS EAST OF SANTA CLARA VALLEY.

Detailed Location: 3 COLONIES IN THE HILLS TO THE NE OF HIGHWAY 101 EXTENSION. WEST OF GRAVEL PIT, NORTH OF DIRT ACCESS ROAD.

Ecological: CONCENTRATED IN SUNNY, BOGGY SPRINGS AND STREAMSIDE, IN SERPENTINE GRASSLANDS. WITH NASELLA PULCHRA, ORTHOCARPUS DENSIFLORUS, PLANTAGO ERECTA, LASTHENIA CHRYSOSTOMA, LAYIA PLATYGLOSSA, LINANTHUS AMBIGUUS, LINANTHUS DICHOTOMUS, ET AL.

General: 1 PLANT AT NORTHERN AND NE COLONIES IN 1983. ABOUT 80 PLANTS AT SOUTHERN COLONY IN 1985.

Owner/Manager: PVT-UNITED TECH CORP, OTHERS

Occurrence No.	10	Map Index: 42241	EO Index: 42241	Element Last Seen:	2009-04-04
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen:	2009-04-04
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2010-07-23

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.19117 / -121.68590 **Accuracy:** specific area

UTM: Zone-10 N4116888 E616632 **Elevation (ft):** 600

PLSS: T08S, R03E, Sec. 31 (M) **Acres:** 44.0

Location: FOOTHILLS BETWEEN THE COYOTE CREEK GOLF COURSE AND THE KIRBY CANYON LANDFILL.

Detailed Location: MAPPED BY CNDDDB AS NINE POLYGONS ALONG DRAINAGES.

Ecological: INTERMITTENT DRAINAGES WITHIN NON-NATIVE GRASSLAND WITH COAST LIVE OAK. SERPENTINE SOILS. ASSOC WITH STIPA PULCHRA, ORTHOCARPUS DENSIFLORUS, PLANTAGO ERECTA, LASTHENIA CHRYSOSTOMA, LAYIA PLATYGLOSSA, LINANTHUS AMBIGUUS, AND L. DICHOTOMUS.

General: <1000 PLANTS OBSERVED IN THIS GENERAL VICINITY IN 1983. 1000+ IN LARGE NW COLONY IN 1998. ~1230 IN TWO FAR SW COLONIES IN 2004. INCLUDES FORMER OCCURRENCES #13, 14, AND 37.

Owner/Manager: SANTA CLARA CO, PVT



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



Occurrence No.	11	Map Index: 42242	EO Index: 42242	Element Last Seen:	1989-04-XX
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	1989-04-XX
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2000-01-26
Quad Summary:	Morgan Hill (3712126)				
County Summary:	Santa Clara				
Lat/Long:	37.20946 / -121.68864		Accuracy:	specific area	
UTM:	Zone-10 N4118914 E616361		Elevation (ft):	1200	
PLSS:	T08S, R03E, Sec. 30 (M)		Acres:	2.9	
Location:	HILLS SW OF SHINGLE VALLEY, ABOUT 1.9 AIR MILES SE OF METCALFE VABM, NW OF MORGAN HILL.				
Detailed Location:	ONE COLONY ON BOTH SIDES OF ROAD FROM SANTA CLARA VALLEY TO SHINGLE VALLEY.				
Ecological:	SERPENTINE GRASSLAND. NASELLA PULCHRA, CASTILLEJA DENSIFLORUS, PLANTAGO ERECTA, LASTHENIA CALIFORNICA, LAYIA PLATYGLOSSA, LINANTHUS AMBIGUUS, LINANTHUS DICHOTOMUS, ET AL.				
General:	1 PLANT OBSERVED IN 1983. ABOUT 70 PLANTS OBSERVED IN 1989.				
Owner/Manager:	PVT				
Occurrence No.	12	Map Index: 42243	EO Index: 42243	Element Last Seen:	1983-04-XX
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	1983-04-XX
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2000-01-26
Quad Summary:	Morgan Hill (3712126)				
County Summary:	Santa Clara				
Lat/Long:	37.19829 / -121.67129		Accuracy:	80 meters	
UTM:	Zone-10 N4117696 E617918		Elevation (ft):	1050	
PLSS:	T08S, R03E, Sec. 32 (M)		Acres:	0.0	
Location:	SOUTH OF SHINGLE VALLEY, ABOUT 2.7 MILES EAST OF SOUTH COYOTE, EAST OF SANTA CLARA VALLEY.				
Detailed Location:	1 COLONY.				
Ecological:	SUNNY BOGGY SPRING AREAS ON SW SLOPES. ALONG STREAMS IN SERPENTINE GRASSLANDS.				
General:	ONE PLANT SEEN IN 1983.				
Owner/Manager:	PVT				
Occurrence No.	15	Map Index: 42244	EO Index: 42244	Element Last Seen:	1983-04-XX
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen:	1983-04-XX
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2000-01-26
Quad Summary:	Morgan Hill (3712126)				
County Summary:	Santa Clara				
Lat/Long:	37.18739 / -121.67026		Accuracy:	specific area	
UTM:	Zone-10 N4116488 E618027		Elevation (ft):	1000	
PLSS:	T08S, R03E, Sec. 32 (M)		Acres:	12.9	
Location:	HILLS EAST OF THE SANTA CLARA VALLEY, ABOUT 2.3 AIR MILES EAST OF PERRY, NORTH OF MORGAN HILL.				
Detailed Location:	4 COLONIES.				
Ecological:	SUNNY BOGGY SPRING AREAS ON SW SLOPES. ALONG STREAMS IN SERPENTINE GRASSLANDS.				
General:	ABOUT 100 PLANTS SEEN AT EACH COLONY IN 1983.				
Owner/Manager:	PVT				



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



Occurrence No.	16	Map Index: 42245	EO Index: 42245	Element Last Seen:	2004-08-11
Occ. Rank:	Excellent		Presence: Presumed Extant	Site Last Seen:	2004-08-11
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2006-12-21

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long:	37.17975 / -121.67625	Accuracy:	specific area
------------------	-----------------------	------------------	---------------

UTM:	Zone-10 N4115633 E617506	Elevation (ft):	450
-------------	--------------------------	------------------------	-----

PLSS:	T09S, R03E, Sec. 06 (M)	Acres:	5.0
--------------	-------------------------	---------------	-----

Location: EAST OF COYOTE CREEK, ABOUT 1.5 AIR MILES EAST OF PERRY, NORTH OF MORGAN HILL.

Detailed Location: THREE COLONIES.

Ecological: SERPENTINE SEEPS. ASSOCIATED WITH MIMULUS GUTTATUS, JUNCUS XIPHIODES, RHAMNUS TOMENTELLA, AGROSTIS SP, PASPALUM DILATATUM, CAREX SERRATODENS, HORDEUM SP, STACHYS PYCNANTHA, AND SOLANUM SP.

General: ABOUT 100 PLANTS OBSERVED AT EACH OF THE TWO NORTHERN COLONIES IN 1983. APPROXIMATELY 2270 PLANTS IN THE SOUTHERN COLONY IN 2004.

Owner/Manager: PVT

Occurrence No.	32	Map Index: 42246	EO Index: 42246	Element Last Seen:	2004-05-26
Occ. Rank:	Fair		Presence: Presumed Extant	Site Last Seen:	2004-05-26
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2010-07-16

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long:	37.21109 / -121.71993	Accuracy:	specific area
------------------	-----------------------	------------------	---------------

UTM:	Zone-10 N4119057 E613582	Elevation (ft):	400
-------------	--------------------------	------------------------	-----

PLSS:	T08S, R02E, Sec. 26 (M)	Acres:	2.6
--------------	-------------------------	---------------	-----

Location: TRIBUTARY TO COYOTE CREEK, ABOUT 0.6 AIR MILE NE OF ENCINAL SCHOOL, EAST EDGE OF SANTA CLARA VALLEY.

Detailed Location: ONE COLONY, MAPPED WITHIN THE MIDDLE OF THE WEST HALF OF THE NE 1/4 OF SECTION 26. BELOW POWERLINE.

Ecological: RIPARIAN AREA DOMINATED BY QUERCUS LOBATA, QUERCUS AGRIFOLIA, WITH RHAMNUS CALIFORNICA ON SERPENTINE.

General: ABOUT 11 PLANTS OBSERVED IN 1985.

Owner/Manager: PVT

Occurrence No.	38	Map Index: 42249	EO Index: 42249	Element Last Seen:	1989-04-XX
Occ. Rank:	Excellent		Presence: Presumed Extant	Site Last Seen:	1989-04-XX
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2000-01-25

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long:	37.22555 / -121.71695	Accuracy:	specific area
------------------	-----------------------	------------------	---------------

UTM:	Zone-10 N4120665 E613825	Elevation (ft):	1020
-------------	--------------------------	------------------------	------

PLSS:	T08S, R02E, Sec. 23 (M)	Acres:	9.4
--------------	-------------------------	---------------	-----

Location: 0.2 MILE SW OF METCALFE VABM, SE OF METCALFE CANYON AND EAST OF SANTA CLARA VALLEY.

Detailed Location:

Ecological: SERPENTINE SEEPS.

General: MORE THAN 400 PLANTS OBSERVED IN 1989.

Owner/Manager: UNKNOWN



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



Occurrence No.	39	Map Index: 42250	EO Index: 42250	Element Last Seen: 1989-04-XX
Occ. Rank:	Excellent		Presence: Presumed Extant	Site Last Seen: 1989-04-XX
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2000-01-25

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.21740 / -121.71564 **Accuracy:** specific area

UTM: Zone-10 N4119762 E613953 **Elevation (ft):** 800

PLSS: T08S, R02E, Sec. 23 (M) **Acres:** 2.4

Location: HILLS EAST OF COYOTE CREEK, ABOUT 0.9 AIR MILE SOUTH OF METCALFE VABM, EAST OF SANTA CLARA VALLEY.

Detailed Location:

Ecological: SERPENTINE SEEP.

General: 475 PLANTS OBSERVED IN 1989.

Owner/Manager: UNKNOWN

Occurrence No.	46	Map Index: 42252	EO Index: 42252	Element Last Seen: 1993-06-12
Occ. Rank:	Fair		Presence: Presumed Extant	Site Last Seen: 1993-06-12
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2000-01-25

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.22860 / -121.74501 **Accuracy:** specific area

UTM: Zone-10 N4120970 E611331 **Elevation (ft):** 280

PLSS: T08S, R02E, Sec. 22 (M) **Acres:** 1.1

Location: METCALFE CANYON, ABOUT 1.7 AIR MILES WEST OF METCALFE VABM, SANTA CLARA VALLEY.

Detailed Location: EAST OF FRONTAGE ROAD (MALECH ROAD?) JUST SOUTH OF JUNCTION WITH METCALFE ROAD.

Ecological: SERPENTINE SOIL DRAINAGES IN METCALFE CANYON AREA. WILLOWS GROWING IN SOME COLONIES.

General: LARGER COLONY SEVERAL YEARS BEFORE 1993, IN 1993 ONLY 3 PLANTS. RARE ASSOCIATES INCLUDE DUDLEYA SETCHELLII, STREPTANTHUS ALIBIDUS SSP. ALBIDUS, FRITILLARIA LILIACAEA.

Owner/Manager: UNKNOWN

Occurrence No.	47	Map Index: 42254	EO Index: 42254	Element Last Seen: 2004-08-11
Occ. Rank:	Fair		Presence: Presumed Extant	Site Last Seen: 2004-08-11
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2006-12-22

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.22002 / -121.72818 **Accuracy:** specific area

UTM: Zone-10 N4120038 E612836 **Elevation (ft):** 340

PLSS: T08S, R02E, Sec. 23 (M) **Acres:** 5.0

Location: METCALFE CANYON, ABOUT 1 AIR MILE SOUTHWEST OF METCALFE VABM, SANTA CLARA VALLEY.

Detailed Location: TWO COLONIES EAST OF MALECH ROAD, UNDER PIPELINE.

Ecological: SERPENTINE SOIL DRAINAGES IN METCALFE CANYON AREA. WILLOWS GROWING IN SOME COLONIES.

General: LARGER COLONY SEVERAL YEARS BEFORE 1993, ONLY 3 PLANTS OBSERVED IN 1993. UNKNOWN NUMBER OBSERVED IN 2004 IN SW COLONY. RARE ASSOCIATES INCLUDE DUDLEYA SETCHELLII, STREPTANTHUS ALIBIDUS SSP. ALBIDUS, AND FRITILLARIA LILIACAEA.

Owner/Manager: PVT



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



Occurrence No.	48	Map Index: 42255	EO Index: 42255	Element Last Seen:	2004-06-04
Occ. Rank:	Excellent		Presence: Presumed Extant	Site Last Seen:	2004-06-04
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2006-12-21

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.17389 / -121.67196 **Accuracy:** specific area

UTM: Zone-10 N4114988 E617896 **Elevation (ft):** 350

PLSS: T09S, R03E, Sec. 05 (M) **Acres:** 1.0

Location: 1.4 AIR MILES NNE OF BURNETT ELEMENTARY SCHOOL, ALONG THE NE SIDE OF HWY 101, SOUTH OF KIRBY CANYON LANDFILL.

Detailed Location:

Ecological: SERPENTINE SEEP IN GRASSLAND. ASSOCIATED WITH MIMULUS GUTTATUS, CAREX CF. SERRATODENS, JUNCUS EFFUSIS, AGROSTIS, SCROPHULARIA CALIFORNICA, LEYMUS TRITICOIDES, JUNCUS XIPHIOIDES, ELYMUS, POLYGONUM, CYPERUS ESCULENTUS.

General: THOUSANDS OF PLANTS OBSERVED IN 1989. 2500-3000 PLANTS IN 2004. 1984 COARSE MAP OF OCCURRENCE INDICATES THIS OCCURRENCE MAY HAVE EXTENDED FURTHER TO THE SOUTH, IN THE AREA NOW OCCUPIED BY HWY 101.

Owner/Manager: SCL COUNTY-COYOTE CRK PARKWAY

Occurrence No.	49	Map Index: 42256	EO Index: 42256	Element Last Seen:	1989-09-XX
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	1989-09-XX
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2000-01-26

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.16992 / -121.66368 **Accuracy:** specific area

UTM: Zone-10 N4114558 E618638 **Elevation (ft):** 390

PLSS: T09S, R03E, Sec. 08 (M) **Acres:** 1.6

Location: COYOTE CREEK PARKWAY/BURNETT AVENUE PARK SITE, ABOUT 1 MILE WEST OF WILLIAM JAMES BOYS RANCH, SANTA CLARA VALLEY.

Detailed Location: SEPARATED FROM THE MAIN SPRING AREA BY A DIRT ROAD.

Ecological: GRASSLAND. MOIST AREAS AT THE BASE OF SEASONAL AND PERENNIAL DRAINAGES. ASSOCIATED WITH ELYMUS SPP., POLYGONUM SPP., EPILOBIUM SSP., CYPERUS ESCULENTUS.

General: AREA IS SITE OF A PROPOSED COUNTY PARK. THOUSANDS OF PLANTS OBSERVED AT THREE SITES WITHIN THE PROPOSED PARK BOUNDARY IN 1989.

Owner/Manager: UNKNOWN



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



Occurrence No.	50	Map Index: 42257	EO Index: 42257	Element Last Seen: 1989-09-XX
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen: 1989-09-XX
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2000-01-25

Quad Summary: Morgan Hill (3712126)
County Summary: Santa Clara

Lat/Long:	37.16947 / -121.65616	Accuracy:	specific area
UTM:	Zone-10 N4114518 E619306	Elevation (ft):	390
PLSS:	T09S, R03E, Sec. 09 (M)	Acres:	1.5

Location: COYOTE CREEK PARKWAY / BURNETT AVENUE PARK SITE, ABOUT 0.6 MILE WEST OF WILLIAM JAMES BOY RANCH, SANTA CLARA VALLEY.
Detailed Location: NORTH END OF BURNETT AVENUE ON WEST SIDE OF ROAD. SITE CONTAINS A SMALL AMOUNT OF CIRSIUM IN ADDITION TO A LARGE VARIETY OF WETLAND VEGETATION SPECIES.
Ecological: GRASSLAND. MOIST AREAS AT THE BASE OF SEASONAL AND PERENNIAL DRAINAGES. ASSOCIATED WITH ELYMUS SPP., POLYGONUM SPP., EPILOBIUM SSP., CYPERUS ESCULENTUS.
General: AREA IS SITE OF A PROPOSED COUNTY PARK. THOUSANDS OF PLANTS OBSERVED AT THREE SITES WITHIN THE PROPOSED PARK BOUNDARY IN 1989.
Owner/Manager: UNKNOWN

Occurrence No.	53	Map Index: 42323	EO Index: 42323	Element Last Seen: 2004-08-12
Occ. Rank:	Fair		Presence: Presumed Extant	Site Last Seen: 2004-08-12
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2006-12-22

Quad Summary: Morgan Hill (3712126)
County Summary: Santa Clara

Lat/Long:	37.22548 / -121.73662	Accuracy:	specific area
UTM:	Zone-10 N4120634 E612079	Elevation (ft):	360
PLSS:	T08S, R02E, Sec. 22 (M)	Acres:	2.0

Location: EAST OF COYOTE CREEK AND SOUTH OF METCALFE CANYON, ABOUT 0.6 MILE NORTH OF COYOTE, NW OF MORGAN HILL.
Detailed Location: ABOUT 0.25 MILE NW OF COUNTY ALCOHOL REHAB CENTER OFF MALECH ROAD. ADJACENT TO ABANDONED CANAL. SURROUNDING POND CREATED BY SEEP.
Ecological: SEEP IN SERPENTINE GRASSLAND. WITH SAMBUCUS, TOXICODENDRON, QUERCUS, AND ANNUAL GRASSES.
General: MORE THAN 30 PLANTS OBSERVED IN 1992. SIMILAR NUMBERS SEEN IN 1991. UNKNOWN NUMBER OBSERVED IN 2004. THE RARE DUDLEYA SETCHELLII AND STREPTANTHUS ALBIDUS SPP. ALBIDUS OCCUR TO THE NORTH OF THIS SITE.
Owner/Manager: SCL COUNTY

Lessingia micradenia var. glabrata		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.	
	Micro: SERPENTINE; OFTEN ON ROADSIDES. 120-485M.	



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



Occurrence No.	3	Map Index: 26552	EO Index: 30703	Element Last Seen:	2006-10-16
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	2006-10-16
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2010-08-06

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long:	37.23512 / -121.73519	Accuracy:	nonspecific area
------------------	-----------------------	------------------	------------------

UTM:	Zone-10 N4121705 E612192	Elevation (ft):	1000
-------------	--------------------------	------------------------	------

PLSS:	T08S, R02E, Sec. 15 (M)	Acres:	58.2
--------------	-------------------------	---------------	------

Location: 1 TO 1.5 MILE OFF OF HIGHWAY 101 ALONG METCALF ROAD, METCALFE CANYON, SE OF SAN JOSE.

Detailed Location: HWY 101 WAS MOVED 0.3 MILE EAST SOMETIME AFTER 1980. OCCURRENCE MAPPED BY CNDDDB BY TAKING MILEAGE MEASUREMENTS BASED ON THE 1980 EDITION USGS QUAD MAP, NOT THE CURRENT ROAD MAP.

Ecological: GROWING ON DRY ROADCUT.

General: OCCURRENCE BASED ON 4 COLLECTIONS: SPENCE IN 1961 & 1962 FROM 1.5 MI OFF HWY 101; ALSO KRUCKEBERG IN 1947 & SPENCE IN 1960 FROM 1 MI OFF HWY 101. 2006 THARP PHOTO FROM METCALFE OHV AREA ALSO ATTRIBUTED HERE. INCLUDES FORMER OCCURRENCE #4.

Owner/Manager: UNKNOWN

Occurrence No.	5	Map Index: 26553	EO Index: 1686	Element Last Seen:	1937-11-30
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	1937-11-30
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2003-12-15

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long:	37.17587 / -121.64912	Accuracy:	1/5 mile
------------------	-----------------------	------------------	----------

UTM:	Zone-10 N4115236 E619921	Elevation (ft):	1375
-------------	--------------------------	------------------------	------

PLSS:	T09S, R03E, Sec. 04 (M)	Acres:	0.0
--------------	-------------------------	---------------	-----

Location: 0.1 MILE SOUTH OF PIGEON POINT, NORTH OF MORGAN HILL.

Detailed Location:

Ecological:

General: ONLY SOURCE OF INFORMATION FOR THIS SITE IS 1937 COLLECTION BY GIFFORD. NEEDS FIELDWORK.

Owner/Manager: UNKNOWN



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



Occurrence No.	6	Map Index: 26554	EO Index: 1687	Element Last Seen: 2007-06-07
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen: 2007-06-07
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2010-08-09

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.16804 / -121.63247 **Accuracy:** specific area

UTM: Zone-10 N4114390 E621411 **Elevation (ft):** 600

PLSS: T09S, R03E, Sec. 10 (M) **Acres:** 2.0

Location: NORTH END OF ANDERSON RESERVOIR DAM, ABOUT 0.9 MILE EAST OF WILLIAM F JAMES BOYS RANCH, NORTHEAST OF MADRONE.

Detailed Location: NEAR THE ROAD AND SPILLWAY AT THE NORTH END OF THE DAM AT ANDERSON RESERVOIR. MAPPED AS SIX POLYGONS.

Ecological: OPEN, ROCKY SERPENTINE WITH ANNUAL GRASSES. ASSOCIATED WITH HEMIZONIA CONGESTA SSP. LUZULIFOLIA, PINUS SABINIANA, CEANOTHUS FERRISAE, HETEROMELES ARBUTIFOLIA, NASSELLA PULCHRA, AVENA SP, AND BROMUS HORDEACEUS.

General: FEWER THAN 50 PLANTS OBSERVED IN 1996 IN SE POLYGON. 5780 PLANTS OBSERVED IN 2006 IN 4 WESTERN POLYGONS. 40 OBSERVED IN 2007 IN NE POLYGON.

Owner/Manager: SANTA CLARA VALLEY WATER DIST

Occurrence No.	7	Map Index: 17156	EO Index: 1690	Element Last Seen: 1988-10-22
Occ. Rank:	Excellent		Presence: Presumed Extant	Site Last Seen: 1988-10-22
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 1996-11-14

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.14224 / -121.67525 **Accuracy:** specific area

UTM: Zone-10 N4111473 E617654 **Elevation (ft):** 600

PLSS: T09S, R03E, Sec. 20 (M) **Acres:** 96.0

Location: 0.3 MILE SOUTHWEST OF MADRONE.

Detailed Location: HILLSIDE IMMEDIATELY NORTHWEST OF LLAGAS AVE, ABOUT 0.4 MILE EAST OF THE JUNCTION OF OLD HIGHWAY 101 AND COCHRANE ROAD, NORTH OF MORGAN HILL.

Ecological: ROCKY SERPENTINE GRASSLAND. ASSOCIATED WITH NASSELLA PULCHRA, MELICA, KOELERIA CRISTATA, PLANTAGO ERECTA, AVENA, GILIA, ERIOPHYLLUM CONFERTIFLORUM, AND ACHILLEA MILLEFOLIUM.

General: SPECIES REPORTED AS AN ASSOCIATE ON FIELD SURVEY FORMS FOR OTHER RARE PLANTS: STREPTANTHUS ALBIDUS PERAMOENUS AND DUDLEYA SETCHELLI. CEANOTHUS FERRISAE AND BAY CHECKERSPOT BUTTERFLY ALSO OCCUR IN THIS AREA.

Owner/Manager: PVT



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



Occurrence No.	8	Map Index: 26555	EO Index: 1693	Element Last Seen: 1961-11-09
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen: 1961-11-09
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 1995-10-26

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.12886 / -121.68297 **Accuracy:** nonspecific area

UTM: Zone-10 N4109979 E616989 **Elevation (ft):** 600

PLSS: T09S, R03E, Sec. 30 (M) **Acres:** 45.2

Location: 1.8-2.1 MILES SOUTHWEST OF HIGHWAY 101 ALONG LLAGAS ROAD, MORGAN HILL.

Detailed Location: COLLECTIONS MADE 1.8 AND 2.1 MILES SOUTHWEST OF THE HIGHWAY. SITE IS MAPPED ALONG LLAGAS ROAD ABOUT 1.7 MILES DUE WEST OF THE JUNCTION OF HWY 101 AND EAST MAIN AVE IN MORGAN HILL.

Ecological: GROWING ON DRY, ROCKY BANK ALONG THE ROADSIDE.

General: ABUNDANT ALONG THE ROADCUT IN 1961. OCCURRENCE KNOWN ONLY FROM 1960 AND 1961 COLLECTIONS BY SPENCE.

Owner/Manager: UNKNOWN

Occurrence No.	13	Map Index: 44289	EO Index: 44289	Element Last Seen: 2003-09-30
Occ. Rank:	Fair		Presence: Presumed Extant	Site Last Seen: 2003-09-30
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2005-03-09

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.19149 / -121.68871 **Accuracy:** nonspecific area

UTM: Zone-10 N4116920 E616382 **Elevation (ft):** 380

PLSS: T08S, R03E, Sec. 31 (M) **Acres:** 12.8

Location: VICINITY OF GATE TO KIRBY CANYON LANDFILL, ABOUT 1 AIR MILE EAST OF PERRY RAILROAD SIDING, NORTH OF MORGAN HILL.

Detailed Location: PLANTS FOUND ON BOTH SIDES OF COYOTE CREEK GOLF DRIVE AT THE GATE TO KIRBY CANYON RECYCLING AND DISPOSAL FACILITY, 0.35 MILE EAST OF HIGHWAY 101. PLANTS ALOS FOUND UNDER HIGH-VOLTAGE POWERLINES NEARBY.

Ecological: OPRN GRASSLAND ON APPARENTLY SERPENTINE SOIL.

General: ABOUT 200 PLANTS OBSERVED IN 1999. UNKNOWN NUMBER SEEN IN 2003. PLANTS THAT APPEAR TO BE HYBRIDS WITH LESSINGIA NEMACLADA OCCUR AT THIS SITE. SITE IS VERY INTERESTING AND MAY BE AN EXCELLENT SITE FOR STUDIES OF NATURAL HYBRIDIZATION.

Owner/Manager: PVT



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



Occurrence No.	14	Map Index: 53559	EO Index: 53559	Element Last Seen:	2000-08-15
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	2000-08-15
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2003-12-15

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.19851 / -121.69821 **Accuracy:** 80 meters

UTM: Zone-10 N4117688 E615528 **Elevation (ft):** 400

PLSS: T08S, R02E, Sec. 36 (M) **Acres:** 0.0

Location: EAST OF COYOTE CREEK GOLF COURSE, 1.2 AIR MILES DUE EAST OF SOUTH COYOTE, NORTH OF MORGAN HILL.

Detailed Location: ABOUT 0.15 MILE EAST OF THE POWERLINES.

Ecological: ANNUAL GRASSLAND WITH PLANTAGO ERECTA, NASELLA PULCHRA, AND BROMUS HORDEACEUS. SOUTHWEST SLOPE WITH GRAVELLY SERPENTINE SOILS. FEW OUTCROPS, NO SHADE, MONTARA SOILS.

General: 100 PLANTS SEEN IN 2000. THE RARE DUDLEYA SETCHELLI ALSO OCCURS AT THIS SITE.

Owner/Manager: PVT

Occurrence No.	17	Map Index: 60429	EO Index: 60465	Element Last Seen:	2003-08-24
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen:	2003-08-24
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2005-03-09

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.17849 / -121.73616 **Accuracy:** specific area

UTM: Zone-10 N4115421 E612190 **Elevation (ft):** 315

PLSS: T09S, R02E, Sec. 03 (M) **Acres:** 4.3

Location: SERPENTINE HILL JUST SOUTH OF WESTERN TERMINUS OF LAGUNA AVENUE, ABOUT 1.7 AIR MILES WEST OF PERRY, SANTA CLARA VALLEY.

Detailed Location: SIX COLONIES FOUND ON DIFFERENT ASPECTS OF HILL, ALL IN THE SE 1/4 OF SECTION 3.

Ecological: SERPENTINE GRASSLAND ON NORTHEAST-FACING SLOPE. DOMINANT ASSOCIATES: BROMUS HORDEACEUS, LOLIUM MULTIFLORUM, PLATAGO ERECTA, AND AVENA BARBATA.

General: IN 2003, PLANTS WERE FOUND IN SIX OUT OF SEVEN 400 SQUARE METER PLOTS ESTABLISHED FOR PETERSON'S M.S. THESIS. ESTIMATED DENSITY OF PLANTS WAS 10-20 PER SQUARE METER.

Owner/Manager: PVT



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



Occurrence No.	27	Map Index: 68027	EO Index: 68179	Element Last Seen:	2004-08-12
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen:	2004-08-12
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2007-02-02

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.22668 / -121.74085 **Accuracy:** specific area

UTM: Zone-10 N4120762 E611702 **Elevation (ft):** 400

PLSS: T08S, R02E, Sec. 22 (M) **Acres:** 2.0

Location: 0.9 AIR MILE ENE OF THE SUMMIT OF TULARE HILL. SOUTH OF METCALFE CANYON AND WEST OF HIGHWAY 101.

Detailed Location: ALONG COYOTE CANAL. IN GRASSLAND ADJACENT TO CANAL, ON MAINTENANCE ROAD, AND ON SLOPE ABOVE CANAL.

Ecological: ROCKY, SW-FACING SERPENTINE SLOPE. ASSOCIATED WITH CENTAUREA SOLSTITIALIS, ARTEMISIA CALIFORNICA, NASSELLA PULCHRA, AVENA SP, VULPIA MACROSTACHYS, AND ERIOGONUM SP.

General: APPROXIMATELY 537 PLANTS OBSERVED IN 2004.

Owner/Manager: UNKNOWN

Occurrence No.	28	Map Index: 68036	EO Index: 68187	Element Last Seen:	2004-08-12
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen:	2004-08-12
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2007-02-08

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.21664 / -121.72847 **Accuracy:** specific area

UTM: Zone-10 N4119662 E612816 **Elevation (ft):** 400

PLSS: T08S, R02E, Sec. 23 (M) **Acres:** 4.0

Location: 1.5 AIR MILES ESE OF THE SUMMIT OF TULARE HILL, WEST OF COYOTE.

Detailed Location: THREE COLONIES ALONG COYOTE CANAL EXTENSION, NEAR THE RIFLE RANGE AND MALECH ROAD.

Ecological: GRASSY SERPENTINE SLOPES. ASSOCIATED WITH CENTAUREA SOLSTITIALIS, AVENA SP, HEMIZONIA CONGESTA, PLANTAGO ERECTA, TOXICODENDRON DIVERSILOBUM, CASTILLEJA EXSERTA, LEYMUS TRITICOIDES, TRICHOSTEMMA LANCEOLATUM, BROMUS MADRITENSIS, B. DIANDRUS.

General: IN 2004: 56,300 PLANTS OBSERVED IN THE NORTHERN COLONY AND APPROXIMATELY 1100 PLANTS OBSERVED IN THE TWO SOUTHERN COLONIES COMBINED.

Owner/Manager: UNKNOWN



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



Occurrence No.	29	Map Index: 68037	EO Index: 68188	Element Last Seen: 2004-08-20
Occ. Rank:	Fair		Presence: Presumed Extant	Site Last Seen: 2004-08-20
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2007-02-08

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.20202 / -121.71201 **Accuracy:** specific area

UTM: Zone-10 N4118060 E614298 **Elevation (ft):** 300

PLSS: T08S, R02E, Sec. 25 (M) **Acres:** 9.0

Location: ALONG COYOTE CANAL NEAR THE NORTH END OF THE COYOTE CREEK GOLF COURSE.

Detailed Location: BETWEEN THE GOLF COURSE AND HIGHWAY 101.

Ecological: WEST-FACING, ROCKY, EROSION SERPENTINE SLOPE. ASSOCIATED WITH CENTAUREA SOLSTITIALIS, ESCHSCHOLZIA CALIFORNICA, LOLIUM MULTIFLORUM, AND BROMUS DIANDRUS.

General: APPROXIMATELY 1725 PLANTS OBSERVED IN 2004.

Owner/Manager: UNKNOWN

Occurrence No.	30	Map Index: 68038	EO Index: 68189	Element Last Seen: 2004-08-11
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen: 2004-08-11
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2007-02-06

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.17817 / -121.67736 **Accuracy:** 1/10 mile

UTM: Zone-10 N4115456 E617410 **Elevation (ft):** 400

PLSS: T09S, R03E, Sec. 06 (M) **Acres:** 0.0

Location: BETWEEN HIGHWAY 101 AND SCHELLER AVE, SW OF THE COYOTE CREEK GOLF COURSE, MORGAN HILL.

Detailed Location:

Ecological:

General: L. M. GLABRATA WAS LISTED AS OCCURRING IN UPLANDS ADJACENT TO AN AREA ALONG COYOTE CANAL SURVEYED FOR CIRSIUM FONTINALE VAR. CAMPYLON IN 2004. ADDITIONAL FIELDWORK NEEDED TO ASSESS EXTENT OF LESSINGIA OCCURRENCE.

Owner/Manager: UNKNOWN

Occurrence No.	31	Map Index: 68039	EO Index: 68190	Element Last Seen: 2004-08-09
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen: 2004-08-09
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2007-02-06

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.17004 / -121.66584 **Accuracy:** 80 meters

UTM: Zone-10 N4114569 E618445 **Elevation (ft):** 300

PLSS: T09S, R03E, Sec. 08 (M) **Acres:** 0.0

Location: ALONG CANAL, 1.0 AIR MILE SW OF PIGEON POINT, WEST OF WILLIAM F JAMES BOYS RANCH AND EAST OF HIGHWAY 101, MORGAN HILL.

Detailed Location:

Ecological:

General: ONE PLANT OBSERVED IN 2004.

Owner/Manager: UNKNOWN



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



<i>Monolopia gracilens</i>		Element Code: PDAST6G010	
woodland woollythreads			
Listing Status:	Federal: None	CNDDB Element Ranks:	Global: G2G3
	State: None		State: S2S3
	Other: Rare Plant Rank - 1B.2		
Habitat:	General:	CHAPARRAL, VALLEY AND FOOTHILL GRASSLANDS (SERPENTINE), CISMONTANE WOODLAND, BROADLEAFED UPLAND FORESTS, NORTH COAST CONIFEROUS FOREST.	
	Micro:	GRASSY SITES, IN OPENINGS; SANDY TO ROCKY SOILS. OFTEN SEEN ON SERPENTINE AFTER BURNS BUT MAY HAVE ONLY WEAK AFFINITY TO SERPENTINE. 100-1200M.	

Occurrence No.	21	Map Index:	79170	EO Index:	80142	Element Last Seen:	1998-XX-XX
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:		1998-XX-XX	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2010-06-24	

Quad Summary:	Morgan Hill (3712126)		
County Summary:	Santa Clara		
Lat/Long:	37.23411 / -121.74071	Accuracy:	nonspecific area
UTM:	Zone-10 N4121586 E611704	Elevation (ft):	500
PLSS:	T08S, R02E, Sec. 15 (M)	Acres:	30.0
Location:	ON METCALFE CANYON ROAD 1.4 KM (0.9 MI) EAST OF MONTEREY ROAD (SAN JOSE-MORGAN HILL ROAD).		
Detailed Location:	MAPPED AS BEST GUESS BY CNDDDB AROUND 0.9 ROAD MILE EAST OF MONTEREY HWY (OLD HWY 101 ON TOPO) ALONG METCALF CANYON ROAD.		
Ecological:	SOUTH-FACING SLOPE OF SERPENTINTIC OUTCROP IN WOODLAND.		
General:	MAIN SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1974 COLLECTION BY JOHNSON. UNKNOWN NUMBER OF PLANTS OBSERVED ON METCALF ROAD IN 1998 BY BALDWIN. NEEDS FIELDWORK.		
Owner/Manager:	UNKNOWN		

Occurrence No.	22	Map Index:	79172	EO Index:	80144	Element Last Seen:	2009-03-XX
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:		2009-03-XX	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2010-06-24	

Quad Summary:	Morgan Hill (3712126)		
County Summary:	Santa Clara		
Lat/Long:	37.19469 / -121.68125	Accuracy:	3/5 mile
UTM:	Zone-10 N4117285 E617039	Elevation (ft):	
PLSS:	T08S, R03E, Sec. 31 (M)	Acres:	0.0
Location:	COYOTE RIDGE, ADJACENT TO KIRBY CANYON LANDFILL AND RECYCLING FACILITY.		
Detailed Location:	PLANTS REPORTED TO BE ALONG A DIRT ROAD ON LAND OWNED BY KIRBY CANYON LANDFILL AND MANAGED BY THE SANTA CLARA COUNTY OPEN SPACE AUTHORITY; MAPPED AS BEST GUESS BY CNDDDB ON LAND ADJACENT TO THE LANDFILL MANAGED BY SANTA CLARA CO.		
Ecological:	ROAD CUT ON ROCKY S-FACING SERPENTINE SLOPE. ASSOC WITH CHAENACTIS GLABRIUSCULA, STREPTANTHUS ALBIDUS VAR. PERAMOENA, DUDLEYA SETCHELLII, CIRSIUM FONTINALE VAR. CAMPYLON, QUERCUS DURATA, ERYSIMUM FRANCISCANUM, AND RHAMNUS TOMENTELLA.		
General:	UNKNOWN # OF PLANTS OBSERVED IN 2009. FLOWER DISPLAY VARIES EACH YEAR, PROBABLY DEPENDS ON RAINFALL TIMING. LAND IS SET ASIDE AS A CONSERVATION EASEMENT, THE LANDFILL WILL NOT EXPAND HERE. NO PUBLIC ACCESS; ENTRY IS BY PERMIT ONLY.		
Owner/Manager:	PVT		



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



Occurrence No.	23	Map Index:	10904	EO Index:	80148	Element Last Seen:	1937-05-20
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:		1937-05-20	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2010-06-24	

Quad Summary: Mt. Sizer (3712125), Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.16827 / -121.61828 **Accuracy:** 1 mile

UTM: Zone-10 N4114433 E622671 **Elevation (ft):**

PLSS: T09S, R05E, Sec. 11 (M) **Acres:** 0.0

Location: COYOTE CREEK, 3 MILES EAST OF MADRONE.

Detailed Location: EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS BY CNDDDB ABOUT 3 MILES EAST OF MADRONE AT COYOTE CREEK, NOW ANDERSON LAKE.

Ecological:

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

Owner/Manager: UNKNOWN

Streptanthus albidus ssp. albidus

Element Code: PDBRA2G011

Metcalf Canyon jewel-flower

Listing Status: **Federal:** Endangered

CNDDDB Element Ranks: **Global:** G2T1

State: None

State: S1.1

Other: Rare Plant Rank - 1B.1

Habitat: **General:** VALLEY AND FOOTHILL GRASSLAND.

Micro: RELATIVELY OPEN AREAS IN DRY GRASSY MEADOWS ON SERPENTINE SOILS; ALSO ON SERPENTINE BALDS. 45-245M.

Occurrence No.	2	Map Index:	17922	EO Index:	9123	Element Last Seen:	2004-04-07
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:		2004-04-07	
Occ. Type:	Natural/Native occurrence	Trend:	Stable	Record Last Updated:		2009-01-15	

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.23529 / -121.73912 **Accuracy:** specific area

UTM: Zone-10 N4121719 E611843 **Elevation (ft):** 600

PLSS: T08S, R02E, Sec. 15 (M) **Acres:** 75.0

Location: METCALFE CANYON, NORTH AND SOUTH OF METCALFE CANYON ROAD, NORTHEAST OF COYOTE.

Detailed Location: ROCKY SERPENTINE OUTCROPS ABOVE METCALF CREEK. SEVERAL COLONIES.

Ecological: ON SERPENTINE BARRENS WITHIN MATRIX OF SERPENTINE BUNCHGRASS GRASSLAND. WITH DUDLEYA SETCHELLII, AVENA SPP., PLANTAGO ERECTA, BROMUS HORDEACEUS, ERIOGONUM NUDUM, ACHILLEA MILLEFOLIUM, NASSELLA PULCHRA, AND PHACELIA SPP.

General: 1000'S OF PLANTS IN 1986 & 1991 (ONLY SURVEYED S OF ROAD IN 1991). AT 1997 RECOVERY WORKSHOP, IT WAS REPORTED THAT R. RAICHE SAW 100'S OF PLANTS "A FEW YEARS AGO" BY PARK ON BOTH SIDES OF ROAD. UNKNOWN NUMBER IN '93 & 2000. 27 SEEN IN 2006.

Owner/Manager: PVT, SCL COUNTY



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



Occurrence No.	4	Map Index:	10735	EO Index:	9646	Element Last Seen:	1989-04-XX
Occ. Rank:	Excellent	Presence:	Presumed Extant	Site Last Seen:		1989-04-XX	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2010-04-19	

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long:	37.21380 / -121.71707	Accuracy:	specific area
------------------	-----------------------	------------------	---------------

UTM:	Zone-10 N4119361 E613832	Elevation (ft):	800
-------------	--------------------------	------------------------	-----

PLSS:	T08S, R02E, Sec. 26 (M)	Acres:	641.8
--------------	-------------------------	---------------	-------

Location: RIDGE SE OF METCALFE CYN & METCALFE VABM, E OF SANTA CLARA VALLEY & HWY 101.

Detailed Location:

Ecological: PLANTS ON SERPENTINE SUBSTRATE, MOSTLY IN SERPENTINE BUNCHGRASS COMMUNITY. OTHER RARE PLANTS IN AREA INCLUDE STREPTANTHUS ALBIDUS PERAMOENUS, DUDLEYA SETCHELLII, CIRSIUM CAMPYLON. THE BAY CHECKERSPOT BUTTERFLY ALSO OCCURS HERE.

General: 5,000+ PLANTS SEEN DURING 1989 FIELD SURVEY. INCLUDES FORMER OCCURRENCES 9 AND 10. DETAIL ON SUBPOPULATION LOCATIONS AND INDIVIDUAL STAND COUNTS AVAILABLE.

Owner/Manager: PVT

Occurrence No.	5	Map Index:	10904	EO Index:	20393	Element Last Seen:	1937-06-05
Occ. Rank:	None	Presence:	Possibly Extirpated	Site Last Seen:		1937-06-05	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2010-08-31	

Quad Summary: Mt. Sizer (3712125), Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long:	37.16827 / -121.61828	Accuracy:	1 mile
------------------	-----------------------	------------------	--------

UTM:	Zone-10 N4114433 E622671	Elevation (ft):	400
-------------	--------------------------	------------------------	-----

PLSS:	T09S, R05E, Sec. 11 (M)	Acres:	0.0
--------------	-------------------------	---------------	-----

Location: COYOTE CREEK, 3 MILES EAST OF MADRONE.

Detailed Location: LOCATION IS POSSIBLY NOW AT THE BOTTOM OF ANDERSON LAKE.

Ecological:

General: OCCURRENCE KNOWN ONLY FROM A 1937 COLLECTION BY EASTWOOD AND HOWELL.

Owner/Manager: PVT

Occurrence No.	8	Map Index:	10675	EO Index:	9121	Element Last Seen:	1985-04-26
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:		1985-04-26	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		1995-11-13	

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long:	37.22314 / -121.73497	Accuracy:	specific area
------------------	-----------------------	------------------	---------------

UTM:	Zone-10 N4120376 E612230	Elevation (ft):	400
-------------	--------------------------	------------------------	-----

PLSS:	T08S, R02E, Sec. 22 (M)	Acres:	9.6
--------------	-------------------------	---------------	-----

Location: S OF METCALF CYN, E OF PGE SUBSTATION, SANTA CLARA VALLEY.

Detailed Location: ALONG ROAD.

Ecological: ON SERPENTINE ROCK OUTCROP, GRASSLAND.

General: LESS THAN 50 PLANTS SEEN.

Owner/Manager: PVT, SCL COUNTY?



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



Occurrence No.	20	Map Index: 44344	EO Index: 44344	Element Last Seen:	2002-05-17
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen:	2002-05-17
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2003-12-18

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.19303 / -121.68395 **Accuracy:** specific area

UTM: Zone-10 N4117097 E616802 **Elevation (ft):** 600

PLSS: T08S, R03E, Sec. 31 (M) **Acres:** 21.4

Location: RIDGE BETWEEN ANDERSON LAKE AND HIGHWAY 101, ABOUT 2 MILES ESE OF SOUTH COYOTE, NORTH OF MORGAN HILL.

Detailed Location: SCATTERED INDIVIDUALS BETWEEN 500-700 FEET EAST OF SHELLER AVE, ON THE NORTH SIDE OF INTERMITTENT DRAINAGE. ADDITIONAL POPULATION TO SOUTH JUST NORTH OF ANOTHER UNNAMED DRAINAGE.

Ecological: PRIMARILY NON-NATIVE ANNUAL GRASSLAND WITH SMALL AREAS OF DIABLAN SAGE SCRUB. ON SERPENTINE SOILS. SE COLONY ON ROADCUT IN DISTURBED SERPENTINE GRASS.

General: MORE THAN 2000 PLANTS IN 1998 AT NORTH COLONY. 1 PLANT SURROUNDED BY STREPTANTHUS ALBIDUS SSP. PERAMOENUS SEEN AT NEW SE COLONY IN 2002. OTHER RARE PLANTS IN THIS VICINITY ARE DUDLEYA SETCHELLII AND CIRSIUM FONTINALE VAR. CAMPYLON.

Owner/Manager: PVT

Occurrence No.	21	Map Index: 67509	EO Index: 67674	Element Last Seen:	1992-05-09
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	1992-05-09
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2009-12-14

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.13209 / -121.68441 **Accuracy:** nonspecific area

UTM: Zone-10 N4110335 E616855 **Elevation (ft):** 600

PLSS: T09S, R03E, Sec. 19 (M) **Acres:** 54.0

Location: MORGAN HILL SUBDIVISION, E OF MORGAN HILL IN VICINITY OF LLAGAS AVE.

Detailed Location: EXACT LOCATION UNK. MAPPED AS 2 POLYS. W POLY BASED ON 1992 SAINZ COLLECTION FROM "NE OF SCOTT & AYRE ST"; E POLY BASED ON 1957 HESSE COLLECTION FROM "LLAGAS AVE, 1.5 MI E OF OAK GLEN AVE" AT 250 FT ELEV (HOWEVER, ELEV IN AREA IS ~500 FT).

Ecological:

General: SITE BASED ON A 1957 COLLECTION BY HESSE AND A 1992 COLLECTION BY SAINZ. NEEDS FIELDWORK. INCLUDES FORMER EO #16.

Owner/Manager: PVT

Streptanthus albidus ssp. peramoenus

Element Code: PDBRA2G012

most beautiful jewel-flower

Listing Status: **Federal:** None **CNDDDB Element Ranks:** **Global:** G2T2

State: None **State:** S2.2

Other: Rare Plant Rank - 1B.2, USFS_S-Sensitive

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

Micro: SERPENTINE OUTCROPS, ON RIDGES AND SLOPES. 120-730M.



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



Occurrence No.	3	Map Index:	17139	EO Index:	9980	Element Last Seen:	1994-05-09
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:		1994-05-09	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2010-08-25	

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.18721 / -121.67429 **Accuracy:** specific area

UTM: Zone-10 N4116463 E617669 **Elevation (ft):** 800

PLSS: T09S, R03E, Sec. 32 (M) **Acres:** 33.6

Location: KIRBY CANYON, ABOUT 4 AIR MILES NORTH OF MORGAN HILL.

Detailed Location: ON SOUTH-SOUTHWEST FACING SLOPES.

Ecological: IN SERPENTINE BUNCHGRASS GRASSLAND, WITH NASSELLA PULCHRA AND MANY OTHER NATIVE SPECIES. RARE ASSOCIATES INCLUDE CIRSIUM FONTINALE VAR. CAMPYLON AND BAY CHECKERSPOT BUTTERFLY.

General: MORE THAN 1000 PLANTS OBSERVED IN 1988. UNKNOWN NUMBER OF PLANTS OBSERVED IN 1994.

Owner/Manager: PVT-WASTE MANAGEMENT

Occurrence No.	4	Map Index:	13200	EO Index:	1692	Element Last Seen:	2002-05-04
Occ. Rank:	Excellent	Presence:	Presumed Extant	Site Last Seen:		2002-05-04	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2003-07-22	

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.14224 / -121.67525 **Accuracy:** specific area

UTM: Zone-10 N4111473 E617654 **Elevation (ft):** 550

PLSS: T09S, R03E, Sec. 20 (M) **Acres:** 108.8

Location: NORTHWEST OF LLAGAS ROAD, BEGINNING ABOUT 0.5 MILE FROM JUNCTION OF OLD MONTEREY ROAD AND LLAGAS ROAD, MORGAN HILL.

Detailed Location: MAPPED AS 1 LARGE AND 1 SMALLER POLYGON JUST SW OF MADRONE.

Ecological: SERPENTINE RIDGE, IN SLOPING PARTS. HIGH DENSITY NATIVE BUNCH GRASSES: NASELLA PULCHRA, MELICA SP., HORDEUM BRACHYANTHERUM, ELYMUS AND FORBS. ASSOCIATED WITH DUDLEYA SETCHELLII, CEANOTHUS FERRISAE, AND HABITAT FOR BAY CHECKERSPOT.

General: APPROXIMATELY 500 INDIVIDUALS OBSERVED BETWEEN THIS OCCURRENCE AND OCCURRENCE #24 COMBINED IN 2002.

Owner/Manager: PVT



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



Occurrence No.	8	Map Index: 17203	EO Index: 9989	Element Last Seen: 199X-XX-XX
Occ. Rank:	Excellent		Presence: Presumed Extant	Site Last Seen: 199X-XX-XX
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2005-11-09

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.20107 / -121.68645 **Accuracy:** specific area

UTM: Zone-10 N4117986 E616569 **Elevation (ft):** 800

PLSS: T08S, R03E, Sec. 30 (M) **Acres:** 91.8

Location: RIDGE SOUTHEAST OF METCALFE CANYON, EAST OF HIGHWAY 101 AND COYOTE.

Detailed Location:

Ecological: IN SERPENTINE BUNCHGRASS GRASSLAND WITH DUDLEYA SETCHELLI AND NEAR SEVERAL SUBPOPULATIONS OF STREPTANTHUS ALBIDUS SSP. ALBIDUS. ALSO BAY CHECKERSPOT BUTTERFLY.

General: 10,000+ PLANTS IN 3 SUBPOPULATIONS AT THIS SITE. INCLUDES FORMER OCCURRENCE #18.

Owner/Manager: PVT

Occurrence No.	12	Map Index: 23719	EO Index: 22064	Element Last Seen: 1993-03-30
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen: 1993-03-30
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 1997-03-05

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.16912 / -121.72794 **Accuracy:** 80 meters

UTM: Zone-10 N4114391 E612933 **Elevation (ft):** 400

PLSS: T09S, R02E, Sec. 11 (M) **Acres:** 0.0

Location: 1.4 MILES WEST OF HIGHWAY 101, 1800 FEET SOUTHWEST OF WESTERN TERMINUS OF PALM AVENUE, SANTA CLARA VALLEY.

Detailed Location:

Ecological: ROCK OUTCROPS OF SERPENTINE HILL. NE-FACING SLOPE. ASSOCIATED WITH LASTHENIA CALIFORNICA, GILIA TRICOLOR, AVENA BARBATA, PLAGIOBOTHRYUS SP. ANOTHER RARE PLANT: DUDLEYA SETCHELLII ALSO AT THIS SITE.

General: SMALL POPULATION OBSERVED IN 1993.

Owner/Manager: PVT



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



Occurrence No.	24	Map Index: 28365	EO Index: 12820	Element Last Seen:	2002-05-04
Occ. Rank:	Excellent		Presence: Presumed Extant	Site Last Seen:	2002-05-04
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2003-07-22

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.13238 / -121.68282 **Accuracy:** nonspecific area

UTM: Zone-10 N4110370 E616996 **Elevation (ft):** 850

PLSS: T09S, R03E, Sec. 19 (M) **Acres:** 72.7

Location: GLEN AYRE ROAD, NORTH OF LLAGAS ROAD AND NORTHEAST OF CHESBRO RESERVOIR, MORGAN HILL.

Detailed Location: SECOND POPULATION NEARBY ALONG BIG CURVE IN LLAGAS ROAD; THIS POLYGON VERY SPECIFIC. POPULATION TO THE NW ALONG GLEN AYRE ROAD IS NON-SPECIFIC AND NEEDS FIELDWORK.

Ecological: ROADCUT OUTCROP. SERPENTINE RIDGE, IN SLOPING PARTS. HIGH DENSITY NATIVE BUNCH GRASSES: NASELLA PULCHRA, MELICA SP, HORDEUM BRACHYANTHERUM, ELYMUS SP AND FORBS. ASSOCIATED WITH DUDLEYA SETCHELLII AND CEANOETHUS FERRISAE.

General: APPROXIMATELY 500 INDIVIDUALS OBSERVED BETWEEN SE POLYGON AND OCCURRENCE #4 IN 2002.

Owner/Manager: PVT

Occurrence No.	27	Map Index: 40919	EO Index: 40919	Element Last Seen:	2003-08-24
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen:	2003-08-24
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2005-03-01

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.17774 / -121.74021 **Accuracy:** specific area

UTM: Zone-10 N4115332 E611832 **Elevation (ft):** 480

PLSS: T09S, R02E, Sec. 03 (M) **Acres:** 2.1

Location: WEST END OF LAGUNA AVENUE AT THE FOOT OF THE SANTA TERESA HILLS, WEST OF HIGHWAY 101 AND NORTH OF MORGAN HILL.

Detailed Location: NEAR IBM OFF OF SANTA TERESA ROAD. SITE MAPPED ABOUT 0.3 MILE SOUTH OF THE WEST END OF LAGUNA AVENUE

Ecological: NON-NATIVE GRASSLAND/SERPENTINE OUTCROP. GROWING WITH OR NEAR DUDLEYA SETCHELLII AND MALACOTHAMNUS HALLII.

General: SEVERAL THOUSAND PLANTS OBSERVED IN 1998. UNKNOWN NUMBER OF PLANTS SEEN IN 2003 SURVEY FOR LESSINGIA MICRADENIA GLABRATA.

Owner/Manager: PVT



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



Occurrence No.	54	Map Index:	53526	EO Index:	53526	Element Last Seen:	2002-05-17
Occ. Rank:	Fair	Presence:	Presumed Extant	Site Last Seen:		2002-05-17	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2003-12-09	

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.18986 / -121.68151 **Accuracy:** 80 meters

UTM: Zone-10 N4116748 E617024 **Elevation (ft):** 597

PLSS: T08S, R03E, Sec. 31 (M) **Acres:** 0.0

Location: KIRBY CANYON RECYCLING AND DISPOSAL FACILITY, ALONG ROAD TO BUTTERFLY TRUST AREA, COYOTE RIDGE.

Detailed Location:

Ecological: ON ROAD CUT IN SERPENTINE GRASSLAND. AT DISTURBED ROCKY EDGE OF ROAD, ON SOUTH-FACING SLOPE. WITH MALACOTHRIX FLOCCIFERA AND ESCHSCHOLZIA CALIFORNICA.

General: LARGE STAND OF STREPTANTHUS ALBIDUS SSP. PERAMOENUS SEEN IN 2002, INCLUDING ONE INDIVIDUAL S. A. SSP. ALBIDUS.

Owner/Manager: PVT

Occurrence No.	80	Map Index:	68151	EO Index:	68301	Element Last Seen:	2004-05-26
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:		2004-05-26	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2007-02-16	

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.18544 / -121.68883 **Accuracy:** specific area

UTM: Zone-10 N4116249 E616381 **Elevation (ft):** 350

PLSS: T09S, R03E, Sec. 06 (M) **Acres:** 1.0

Location: 0.4 AIR MILE SSE OF THE POINT WHERE HIGHWAY 101 CROSSES SCHELLER AVE, SOUTHWEST OF HIGHWAY 101, NORTH OF MORGAN HILL.

Detailed Location: ON THE NE SIDE OF COYOTE CANAL, BETWEEN THE CANAL AND THE TRANSMISSION LINES. ALONG THE CANAL SLOPE AND BANK AS WELL AS IN GRASSLAND ABOVE CANAL.

Ecological: GRASSLAND. ASSOCIATED WITH LOLIUM MULTIFLORUM, ESCHSCHOLZIA CALIFORNICA, NASSELLA SP, BROMUS HORDEACEUS, HORDEUM BRACHYANTHERUM(?) AND ACHILLEA MILLEFOLIUM.

General: APPROXIMATELY 370 PLANTS OBSERVED IN 2004.

Owner/Manager: UNKNOWN



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



Occurrence No.	81	Map Index: 68153	EO Index: 68303	Element Last Seen:	2004-06-04
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	2004-06-04
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2007-02-27

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.17401 / -121.67184 **Accuracy:** 1/10 mile

UTM: Zone-10 N4115002 E617906 **Elevation (ft):** 400

PLSS: T09S, R03E, Sec. 05 (M) **Acres:** 0.0

Location: 1.1 AIR MI WSW OF PIGEON POINT, NE OF HWY 101 AND SOUTH OF KIRBY CANYON LANDFILL.

Detailed Location: UPLANDS ADJACENT TO A SERPENTINE SEEP THAT DRAINS INTO COYOTE CANAL.

Ecological:

General: POPULATION SIZE AND EXTENT UNKNOWN. 2004 SURVEY ALONG SEEP FOR CIRSIUM FONTINALE VAR. CAMPYLON NOTED THAT S. ALBIDUS SSP. PERAMOENUS WAS PRESENT IN "ADJACENT UPLAND."

Owner/Manager: SCL COUNTY-COYOTE CRK PARKWAY

Occurrence No.	87	Map Index: 79806	EO Index: 80802	Element Last Seen:	2007-06-07
Occ. Rank:	Fair		Presence: Presumed Extant	Site Last Seen:	2007-06-07
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2010-09-01

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.16802 / -121.63178 **Accuracy:** specific area

UTM: Zone-10 N4114388 E621472 **Elevation (ft):** 600

PLSS: T09S, R03E, Sec. 10 (M) **Acres:** 1.0

Location: NW SIDE OF ANDERSON LAKE DAM, MORGAN HILL.

Detailed Location: AT BASE OF CUTBANK JUST NORTH OF SPILLWAY.

Ecological: STEEP, SOUTH-FACING SERPENTINE EMBANKMENT. ASSOCIATED WITH ARTEMISIA CALIFORNICA, ERIOPHYLLUM CONFERTIFLORUM, AND SALVIA COLUMBARIAE.

General: 13 PLANTS OBSERVED IN 2007.

Owner/Manager: SANTA CLARA VALLEY WATER DIST

Dudleya abramsii ssp. setchellii

Element Code: PDCRA040Z0

Santa Clara Valley dudleya

Listing Status: **Federal:** Endangered

CNDDDB Element Ranks: **Global:** G3T2

State: None

State: S2

Other: Rare Plant Rank - 1B.1

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

Micro: ON ROCKY SERPENTINE OUTCROPS AND ON ROCKS WITHIN GRASSLAND OR WOODLAND. 80-335M.



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



Occurrence No.	1	Map Index: 10620	EO Index: 13937	Element Last Seen:	2004-08-03
Occ. Rank:	Fair		Presence: Presumed Extant	Site Last Seen:	2004-08-03
Occ. Type:	Natural/Native occurrence		Trend: Decreasing	Record Last Updated:	2006-12-28

Quad Summary: Morgan Hill (3712126), Santa Teresa Hills (3712127)

County Summary: Santa Clara

Lat/Long: 37.22182 / -121.75830 **Accuracy:** specific area

UTM: Zone-10 N4120202 E610162 **Elevation (ft):** 400

PLSS: T08S, R02E, Sec. 21 (M) **Acres:** 48.2

Location: TULARE HILL, SOUTH OF COYOTE CREEK, SOUTHEAST OF SAN JOSE.

Detailed Location: 6 COLONIES, BOUNDED ON THE SE BY BLANCHARD ROAD, ON THE NE BY THE MONTEREY HIGHWAY, ON THE SW BY SANTA TERESA BLVD, AND ON THE NW BY HOUSING DEVELOPMENT.

Ecological: IN A SERPENTINE BUNCHGRASS GRASSLAND. ASSOCIATED WITH LEWISIA REDIVIVA, PLANTAGO ERECTA, NASSELLA PULCHRA, ANNUAL GRASSES, AND ESCHSCHOLZIA CALIFORNICA. BAY CHECKERSPOT BUTTERFLY AND STREPTANTHUS ALBIDUS (SSP. UNKNOWN) ALSO HERE.

General: 1000+ PLANTS IN CENTER COLONY IN 1988. 100+ PLANTS IN SE OBSERVED IN 1999. 150 AT COLONY NEAR END OF PAWTUCKET WAY IN 2000. ABOUT 1476 PLANTS SEEN IN 2001 AT WESTERN COLONIES; LOTS OF NEW RECRUITMENT. ~41 CLUMPS IN FAR WEST COLONY IN 2004.

Owner/Manager: PVT, SANTA CLARA VWD, OTHERS

Occurrence No.	3	Map Index: 34506	EO Index: 1689	Element Last Seen:	2006-07-26
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen:	2006-07-26
Occ. Type:	Natural/Native occurrence		Trend: Decreasing	Record Last Updated:	2010-08-02

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.14132 / -121.67445 **Accuracy:** specific area

UTM: Zone-10 N4111372 E617726 **Elevation (ft):** 500

PLSS: T09S, R03E, Sec. 20 (M) **Acres:** 80.0

Location: HILLSIDES IMMEDIATELY UPSLOPE FROM THE NW ENDS OF MURPHY SPRINGS COURT AND LLAGAS VISTA DRIVE, MORGAN HILL.

Detailed Location: MAPPED IN NW1/4 SEC 20, SW1/4 SEC 17 AND NE1/4 SEC 19.

Ecological: IN SERPENTINE ROCK CREVICES. ASSOCIATED WITH PLANTAGO ERECTA, NASSELLA PULCHRA, STREPTANTHUS ALBIDUS SSP. PERAMOENUS, AND CEANOETHUS FERRISAE. BAY CHECKERSPOT BUTTERFLY ALSO HERE.

General: 5000+ PLANTS OBSERVED IN 1988. 750-1000 PLANTS SEEN IN 2002. MORE THAN 200 PLANTS OBSERVED IN 2006 AT FAR WESTERN EDGE OF OCCURRENCE.

Owner/Manager: PVT



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



Occurrence No.	4	Map Index: 71884	EO Index: 13933	Element Last Seen: 1989-04-XX
Occ. Rank:	Excellent		Presence: Presumed Extant	Site Last Seen: 1989-04-XX
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2010-07-23

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.21446 / -121.70838 **Accuracy:** specific area

UTM: Zone-10 N4119445 E614602 **Elevation (ft):** 800

PLSS: T08S, R02E, Sec. 25 (M) **Acres:** 36.0

Location: RIDGE EAST OF COYOTE ON HIGHWAY 101, ABOUT 1-3 MILES SSE OF METCALF CANYON, NORTH OF MORGAN HILL.

Detailed Location: MANY COLONIES ON HILLSIDES, STARTING FROM A POINT 0.6 AIR MILES NORTH OF THE HIGHWAY 101 TURNOFF AT COYOTE CREEK DRIVE, NW NEARLY TO THE FIELD SPORTS COUNTY PARK. MAPPED BY CNDDDB AS 39 POLYGONS.

Ecological: ASSOCIATED WITH STREPTANTHUS ALBIDUS.

General: OVER 1000 PLANTS OBSERVED IN 1989.

Owner/Manager: PVT-UTC, SCL COUNTY

Occurrence No.	5	Map Index: 79477	EO Index: 9122	Element Last Seen: 2000-06-23
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen: 2000-06-23
Occ. Type:	Natural/Native occurrence		Trend: Decreasing	Record Last Updated: 2010-08-02

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.23516 / -121.73926 **Accuracy:** specific area

UTM: Zone-10 N4121705 E611830 **Elevation (ft):** 600

PLSS: T08S, R02E, Sec. 15 (M) **Acres:** 41.0

Location: METCALFE CANYON, NORTH AND SOUTH OF METCALFE CANYON ROAD, NORTHEAST OF COYOTE.

Detailed Location: MAPPED BY CNDDDB AS 13 POLYGONS, FROM 0.4 TO 0.9 AIR MILE EAST OF METCALF ROAD OVERPASS ON HIGHWAY 101, RUNNING NORTH TO A POINT 1.0 AIR MILE NORTH OF THE OVERPASS.

Ecological: ON SERPENTINE ROCK OUTCROPS IN SERPENTINE GRASSLAND. ASSOCIATED WITH STREPTANTHUS ALBIDUS SSP. ALBIDUS, ACHILLEA MILLEFOLIUM, NASSELLA PULCHRA, PLANTAGO ERECTA, ERIOGONUM SPP., CHLOROGALUM POMERIDIANUM, AVENA SPP., AND TRICHOSTEMA LANATUM.

General: UNKNOWN NUMBER OF PLANTS OBSERVED NORTH OF THE ROAD IN 1983 AND 1986. 325 PLANTS SEEN SOUTH OF METCALF ROAD IN 2000.

Owner/Manager: PVT, SCL COUNTY



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



Occurrence No.	15	Map Index: 23718	EO Index: 22071	Element Last Seen:	2001-03-08
Occ. Rank:	Fair		Presence: Presumed Extant	Site Last Seen:	2001-03-08
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2003-12-01

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.16799 / -121.72356 **Accuracy:** specific area

UTM: Zone-10 N4114271 E613325 **Elevation (ft):** 400

PLSS: T09S, R02E, Sec. 11 (M) **Acres:** 28.5

Location: SANTA CLARA VALLEY, ABOUT 1.4 MILES WEST OF HWY 101 ON HILL BETWEEN PALM AVE AND KALANA AVE, NORTHWEST OF MORGAN HILL.

Detailed Location: TWO COLONIES MAPPED ALONG JEEP TRAIL ABOUT 1500 FEET SOUTHWEST OF TERMINUS OF PALM AVE.

Ecological: ON ROCK OUTCROPS OF SERPENTINE HILL. ASSOC WITH LASTHENIA CALIFORNIA, CLAYTONIA SPATHULATA, AVENA BARBATA, POA TENERRIMA, GILIA TRICOLOR, PLAGIOBOTHRYIS SP., PLATYSTEMON CALIFORNICA. STREPTANTHUS ALBIDUS PERAMOENUS OCCURS AT WEST POLYGON.

General: PLANTS NOT COUNTED IN 1993. ABOUT 10 PLANTS SEEN AT WESTERN COLONY DURING BRIEF SURVEY IN 2001. THE RARE STREPTANTHUS ALBIDUS SSP. PERAMOENUS ALSO HERE.

Owner/Manager: PVT

Occurrence No.	22	Map Index: 36668	EO Index: 31665	Element Last Seen:	2009-05-12
Occ. Rank:	Excellent		Presence: Presumed Extant	Site Last Seen:	2009-05-12
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2010-07-27

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.19114 / -121.67751 **Accuracy:** specific area

UTM: Zone-10 N4116895 E617376 **Elevation (ft):** 1200

PLSS: T08S, R03E, Sec. 31 (M) **Acres:** 153.0

Location: RIDGE BETWEEN ANDERSON LAKE AND HIGHWAY 101, ABOUT 1-4 MILES NNW OF COCHRANE ROAD, NORTH OF MORGAN HILL.

Detailed Location: ALONG SUMMIT AND WEST-FACING SLOPES OF RIDGE. LARGE AREA WITH NUMEROUS COLONIES. MAPPED BY CNDDB AS 118 POLYGONS, BETWEEN COYOTE CREEK AND RIDGE SUMMIT, AND FROM PIGEON POINT NNW FOR ABOUT 3 MILES.

Ecological: GRASSLANDS ON SERPENTINE ROCK OUTCROPS WITH MELICA TORREYANA, NASELLA PULCHRA, PLANTAGO ERECTA, LESSINGIA FILAGINIFOLIA, ERIOPHYLLUM CONFERTIFLORUM, EPILOBIUM CANUM, KOELERIA MACRANTHA, PHACELIA CALIFORNICA, CASTILLEJA AFFINIS NEGLECTA.

General: 7247 PLANTS OBSERVED IN 1995. 4000+ PLANTS OBSERVED IN ADDITIONAL COLONIES IN 1998. PLANTS ALSO OBSERVED IN 2009, BUT POPULATION NUMBERS WERE NOT PROVIDED.

Owner/Manager: PVT, SCL COUNTY-OPEN SPACE



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



Occurrence No.	24	Map Index:	41778	EO Index:	41778	Element Last Seen:	199X-XX-XX
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:		199X-XX-XX	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		1999-10-22	

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.13264 / -121.68587 **Accuracy:** specific area

UTM: Zone-10 N4110395 E616725 **Elevation (ft):** 600

PLSS: T09S, R03E, Sec. 19 (M) **Acres:** 5.6

Location: NORTHEAST OF CHESBRO RESERVOIR ALONG LLAGAS AVE, WEST OF MORGAN HILL.

Detailed Location: MAPPED ALONG NORTH SIDE OF LLAGAS AVE BETWEEN CASTLE HILL DRIVE AND CASTLE RIDGE DRIVE. SITE IS ABOUT 1.5 MILES WEST OF MORGAN HILL CITY HALL.

Ecological: GRASSLAND WITH MIXTURE OF ANNUAL GRASSES AND NASSELA PULCHRA. ALSO GROWING WITH PLANTAGO ERECTA AND CHLOROGALUM. FOUND ON TOP OF RIDGE ON UNGRAZED SERPENTINE SOILS.

General: 200 PLANTS OBSERVED IN 1998.

Owner/Manager: PVT

Occurrence No.	25	Map Index:	41779	EO Index:	41779	Element Last Seen:	2003-08-24
Occ. Rank:	Excellent	Presence:	Presumed Extant	Site Last Seen:		2003-08-24	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2005-02-23	

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.17682 / -121.73959 **Accuracy:** nonspecific area

UTM: Zone-10 N4115231 E611888 **Elevation (ft):** 600

PLSS: T09S, R02E, Sec. 03 (M) **Acres:** 121.0

Location: WEST END OF LAGUNA AVE AT THE FOOT OF THE SANTA TERESA HILLS, WEST OF HIGHWAY 101 AND NORTH OF MORGAN HILL.

Detailed Location: NEAR IBM OFF OF SANTA TERESA ROAD. SITE MAPPED ABOUT 0.3 MILE SOUTH OF THE WEST END LAGUNA ROAD.

Ecological: NON-NATIVE GRASSLAND/SERPENTINE OUTCROP. GROWING WITH OR NEAR STREPTANTHUS ALBIDUS SSP. PERAMOENUS, AND MALACOTHAMNUS HALLII.

General: 11,000-15,000 PLANTS OBSERVED IN 1998. UNKNOWN NUMBER OF PLANTS SEEN IN 2003 DURING SURVEY FOR LESSINGIA MICRADENIA GLABRATA.

Owner/Manager: PVT



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



Occurrence No.	37	Map Index: 44467	EO Index: 44467	Element Last Seen:	2000-04-07
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	2000-04-07
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2000-12-06

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.17550 / -121.63749 **Accuracy:** specific area

UTM: Zone-10 N4115210 E620954 **Elevation (ft):** 1050

PLSS: T09S, R03E, Sec. 03 (M) **Acres:** 1.5

Location: ANDERSON LAKE COUNTY PARK, WEST OF ANDERSON LAKE, ABOUT 0.8 MILE NE OF WM F JAMES BOYS RANCH, NORTH OF MORGAN HILL.

Detailed Location: ON RIDGE TOP ABOVE SOUTHERN BANK OF ANDERSON LAKE, NORTH OF 4WD ROAD.

Ecological: ON ALMOST LEVEL GROUND WITH FESTUCA RUBRA, LINANTHUS AMBIGUUS, AGOSERIS GRANDIFLORA, ACHILLEA MILLEFOLIUM, ERIOGONUM NUDUM, PLANTAGO ERECTA, AND ESCHSCHOLZIA CALIFORNICA. MONTARA SOILS; SOUTHEAST ASPECT.

General: 5 PLANTS OBSERVED IN 2000. POTENTIALLY SUITABLE HABITAT CONTINUES ON PRIVATE LAND TO THE EAST; NO RECORDED SURVEYS OF THIS LAND. THE RARE LINANTHUS AMBIGUUS ALSO OCCURS AT THIS SITE.

Owner/Manager: SCL COUNTY

Occurrence No.	57	Map Index: 79476	EO Index: 80450	Element Last Seen:	2008-04-21
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen:	2008-04-21
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2010-07-27

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.22677 / -121.74019 **Accuracy:** specific area

UTM: Zone-10 N4120773 E611761 **Elevation (ft):** 300

PLSS: T08S, R02E, Sec. 22 (M) **Acres:** 1.0

Location: NE OF HIGHWAY 101, 0.2 ROAD MILE SE OF METCALF ROAD OVERPASS, NEAR POWER PLANT, SAN JOSE.

Detailed Location: NE OF MALECH ROAD. ON SLOPE ABOVE COYOTE CANAL EXTENSION.

Ecological: ROCKY OUTCROPS IN GRASSLAND WITH SERPENTINE SOILS. ASSOCIATED WITH PLANTAGO ERECTA, CRYPTANTHA, AVENA BARBATA, LESSINGIA, NASSELLA PULCHRA, ESCHSCHOLZIA CALIFORNICA, LOLIUM MULTIFLORUM, VULPIA MYUROS, CHLOROGALUM, STREPTANTHUS ALBIDUS.

General: 430 PLANTS OBSERVED IN 2004.

Owner/Manager: PVT?



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



<i>Hoita strobilina</i>		Element Code: PDFAB5Z030	
Loma Prieta hoita			
Listing Status:	Federal: None	CNDDDB Element Ranks:	Global: G2
	State: None		State: S2
	Other: Rare Plant Rank - 1B.1		
Habitat:	General: CHAPARRAL, CISMONTANE WOODLAND, RIPARIAN WOODLAND.		
	Micro: SERPENTINE; MESIC SITES.		

Occurrence No.	10	Map Index: 51680	EO Index: 51680	Element Last Seen:	2002-07-20
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen:	2002-07-20
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2003-07-01
Quad Summary:	Morgan Hill (3712126)				
County Summary:	Santa Clara				
Lat/Long:	37.20009 / -121.69971		Accuracy:	specific area	
UTM:	Zone-10 N4117861 E615392		Elevation (ft):	444	
PLSS:	T08S, R02E, Sec. 36 (M)		Acres:	0.5	
Location:	EAST OF HIGHWAY 101, APPROXIMATELY 1.1 AIR MILES EAST OF SOUTH COYOTE, ADJACENT TO GOLF COURSE.				
Detailed Location:	SMALL COLONY MAPPED IN THE NE 1/4 OF THE NE 1/4 OF SECTION 36.				
Ecological:	QUERCUS LOBATA AND Q. AGRIFOLIA DOMINANT. SERPENTINITE GEOLOGY. HOITA COLONIES OCCUR ON STEEP BANKS OF SMALL STREAM DRAINING TO SOUTHEAST. TOXICODENDRON AND LATHYRUS NEARBY.				
General:	UNKNOWN NUMBER OF PLANTS OBSERVED IN 50 SQUARE METER COLONY OBSERVED IN 2002.				
Owner/Manager:	PVT				

Occurrence No.	11	Map Index: 60397	EO Index: 60433	Element Last Seen:	2003-10-20
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	2003-10-20
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2007-03-08
Quad Summary:	Morgan Hill (3712126)				
County Summary:	Santa Clara				
Lat/Long:	37.21224 / -121.71801		Accuracy:	1/10 mile	
UTM:	Zone-10 N4119186 E613750		Elevation (ft):	400	
PLSS:	T08S, R02E, Sec. 26 (M)		Acres:	0.0	
Location:	IN GULLY 1.25 MILES EAST OF COYOTE, ABOUT 0.9 AIR MILE NORTH OF SOUTH COYOTE, MOUNT HAMILTON RANGE.				
Detailed Location:	ALONG UTILITY TRANSMISSION CORRIDOR ACCESS ROAD REACHED VIA THE END OF MALECH ROAD.				
Ecological:	IN RIPARIAN AREA DOMINATED BY QUERCUS LOBATA, Q. AGRIFOLIA, WITH RHAMNUS CALIFORNICA ON SERPENTINE.				
General:	ONLY SOURCE OF INFORMATION FOR THIS SITE IS 2003 COLLECTION BY TAYLOR.				
Owner/Manager:	UNKNOWN				

<i>Malacothamnus hallii</i>		Element Code: PDMAL0Q0F0	
Hall's bush-mallow			
Listing Status:	Federal: None	CNDDDB Element Ranks:	Global: G2Q
	State: None		State: S2
	Other: Rare Plant Rank - 1B.2		
Habitat:	General: CHAPARRAL.		
	Micro: SOME POPULATIONS ON SERPENTINE. 10-550M.		



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



Occurrence No.	4	Map Index: 28972	EO Index: 30704	Element Last Seen:	2006-10-04
Occ. Rank:	Fair		Presence: Presumed Extant	Site Last Seen:	2006-10-04
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2010-08-17

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.16583 / -121.63337 **Accuracy:** 80 meters

UTM: Zone-10 N4114143 E621335 **Elevation (ft):** 400

PLSS: T09S, R03E, Sec. 10 (M) **Acres:** 0.0

Location: JUST WEST OF DAM AT ANDERSON RESERVOIR, ALONG ROAD TO DAM ABOUT 0.2 MILE FROM COCHRANE ROAD, NORTH OF MORGAN HILL.

Detailed Location: ON BOTH SIDES OF THE ROAD.

Ecological: CHAPARRAL WITH SALVIA MELLIFERA, BACCHARIS, HETEROMELES, ARTEMISIA CALIFORNICA, MIMULUS AURANTIACUS, TOXICODENDRON, PRUNUS ILLICFOLIA, MARRUBIUM VULGARE, CENTAUREA MELITENSIS, AND CALYSTEGIA OCCIDENTALIS.

General: 8 PLANTS OBSERVED IN 1993, 1 IN 2001, AND 1 IN 2006. THE RARE CEANOOTHUS FERRISIAE, LESSINGIA MICRADENIA VAR. GLABRATA, AND CIRSIUM FONTIANALE VAR. CAMPYLON OCCUR NEARBY. SITE IS WITHIN THE ANDERSON DAM COUNTY PARK.

Owner/Manager: SANTA CLARA VALLEY WATER DIST

Occurrence No.	5	Map Index: 29052	EO Index: 30720	Element Last Seen:	1950-08-27
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	1950-08-27
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2005-11-17

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.23642 / -121.72802 **Accuracy:** nonspecific area

UTM: Zone-10 N4121857 E612826 **Elevation (ft):** 1200

PLSS: T08S, R02E, Sec. 14 (M) **Acres:** 59.2

Location: ALONG (METCALF CANYON) ROAD FROM COYOTE, EASTWARD INTO THE MOUNT HAMILTON RANGE ABOUT 1.5-2 MILES EAST OF HIGHWAY 101.

Detailed Location: MAPPED ALONG METCALF CANYON ROAD.

Ecological:

General: MULTIPLE COLLECTIONS FROM BETWEEN 1937 AND 1950 FROM METCALF ROAD AND METCALF CANYON ATTRIBUTED HERE.

Owner/Manager: UNKNOWN



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



Occurrence No.	6	Map Index: 28973	EO Index: 30705	Element Last Seen:	1909-06-10
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	1909-06-10
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	1997-03-25

Quad Summary: Mt. Madonna (3712116), Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long:	37.12656 / -121.68563	Accuracy:	nonspecific area
------------------	-----------------------	------------------	------------------

UTM:	Zone-10 N4109720 E616756	Elevation (ft):	500
-------------	--------------------------	------------------------	-----

PLSS:	T09S, R03E, Sec. 30 (M)	Acres:	177.1
--------------	-------------------------	---------------	-------

Location: BANK BY ROAD FROM MADRONE TO LLAGAS CREEK.

Detailed Location: AT TIME OF COLLECTION, SITE WAS REFERRED TO AS "NEW ROAD FROM MADRONE TO LLAGAS CREEK". SITE MAPPED ALONG LLAGAS AVE WEST OF MORGAN HILL.

Ecological:

General: MAIN SOURCE OF INFORMATION FOR THIS SITE IS 1909 COLLECTION BY DUDLEY. 1921 CLEMENS COLLECTION FROM "MORGAN HILL" ALSO ATTRIBUTED TO THIS SITE.

Owner/Manager: UNKNOWN

Occurrence No.	16	Map Index: 41779	EO Index: 44490	Element Last Seen:	1998-06-18
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen:	1998-06-18
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2000-12-11

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long:	37.17682 / -121.73959	Accuracy:	nonspecific area
------------------	-----------------------	------------------	------------------

UTM:	Zone-10 N4115231 E611888	Elevation (ft):	600
-------------	--------------------------	------------------------	-----

PLSS:	T09S, R02E, Sec. 03 (M)	Acres:	121.0
--------------	-------------------------	---------------	-------

Location: WEST END OF LAGUNA AVENUE AT THE FOOT OF THE SANTA TERESA HILLS, WEST OF HIGHWAY 101 AND NORTH OF MORGAN HILL.

Detailed Location: NEAR IBM OFF OF SANTA TERESA ROAD. SITE MAPPED ABOUT 0.3 MILE SOUTH OF THE WEST END LAGUNA ROAD.

Ecological: DIABLAN SAGE SCRUB. GROWING WITH OR NEAR DUDLEYA SETCHELLII AND STREPTANTHUS ALBIDUS SSP. PERAMOENUS.

General: SEVERAL HUNDRED PLANTS OBSERVED IN 1998.

Owner/Manager: PVT



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



Occurrence No.	28	Map Index: 68060	EO Index: 68211	Element Last Seen:	2004-04-09
Occ. Rank:	Fair		Presence: Presumed Extant	Site Last Seen:	2004-04-09
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2007-02-08

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.22689 / -121.74084 **Accuracy:** 80 meters

UTM: Zone-10 N4120785 E611703 **Elevation (ft):** 400

PLSS: T08S, R02E, Sec. 22 (M) **Acres:** 0.0

Location: NORTHEAST OF HIGHWAY 101 AND COYOTE CANAL EXTENSION, 0.4 AIR MILE SOUTHEAST OF THE MOUTH OF METCALFE CANYON.

Detailed Location: BETWEEN THE CANAL AND THE TRANSMISSION LINES.

Ecological: IN SWALE AT BASE OF DRAINAGE ON SOUTH-FACING SERPENTINE SLOPE. ASSOCIATED WITH ARTEMISIA CALIFORNICA, LOLIUM MULTIFLORUM, ESCHSCHOLZIA CALIFORNICA, AND AVENA SP.

General: 2 PLANTS OBSERVED IN 2004.

Owner/Manager: UNKNOWN

Ceanothus ferrisiae **Element Code:** PDRHA041N0

Coyote ceanothus

Listing Status:	Federal: Endangered	CNDDB Element Ranks:	Global: G1
	State: None		State: S1.1
	Other: Rare Plant Rank - 1B.1		

Habitat: **General:** CHAPARRAL, VALLEY AND FOOTHILL GRASSLAND, COASTAL SCRUB.
Micro: SERPENTINE SITES IN THE MT. HAMILTON RANGE. 120-455M.

Occurrence No.	6	Map Index: 10893	EO Index: 9150	Element Last Seen:	1987-03-02
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen:	1987-03-02
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	1992-05-15

Quad Summary: Mt. Sizer (3712125), Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.16617 / -121.62469 **Accuracy:** specific area

UTM: Zone-10 N4114191 E622106 **Elevation (ft):** 400

PLSS: T09S, R03E, Sec. 10 (M) **Acres:** 7.7

Location: SOUTHWEST CORNER ANDERSON DAM, ABOUT 1/4 MI ABOVE COCHRANE BRIDGE ON MADRONE SPRINGS RD.

Detailed Location:
Ecological: 300-700 FT ELEVATION. W-FACING SLOPES ON SERPENTINE.

General: TYPE LOCALITY. MANY HISTORIC COLL. IN THE AREA. INCLUDES FORMER OCCS #9 & 10. FORMERLY MAPPED N OF NEW COCHRANE BRIDGE-NOT PRESENT THERE; WRONG HABITAT ACC TO CORELLI, 1987. REMAPPED N OF OLD BRIDGE (=ANDERSON DAM). 30 PLANTS SEEN IN 1987.

Owner/Manager: PVT?



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



Occurrence No.	8	Map Index: 10874	EO Index: 13472	Element Last Seen: 2004-03-11
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen: 2004-03-11
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2006-11-08

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.16943 / -121.63723 **Accuracy:** specific area

UTM: Zone-10 N4114537 E620986 **Elevation (ft):** 800

PLSS: T09S, R03E, Sec. 10 (M) **Acres:** 359.0

Location: NORTHWEST OF ANDERSON DAM; 2.6 MI NE OF MADRONE.

Detailed Location: 1937 COLLECTION BY EASTWOOD (#4322 UC) LISTS LOCATION AS "COYOTE CREEK 3 MI E OF MADRONE". ACC. TO R. RAICHE, PLANTS ALSO FOUND S OF SPILLWAY ALONG THE ROADCUT. PARTIALLY WITHIN ANDERSON COUNTY PARK.

Ecological: IN SERPENTINE CHAPARRAL DOMINATED BY C. FERRISAE. ASSOCIATED WITH ARTEMISIA CALIFORNICA, PINUS CALIFORNICA, PINUS SABINIANA AND ARCTOSTAPHYLOS GLAUCA. CIRSIUM CAMPYLON NEARBY.

General: ABOUT 5000 PLANTS IN 1987. SITE LIKELY CONTINUOUS W/OCC #6 BEFORE DAM WAS BUILT. SEEN IN 1990S; DETAILS UNKNOWN. UNKNOWN NUMBER OF PLANTS SEEN IN 2001 DURING CNPS VEG. SAMPLING AND IN 2004 DURING SURVEYS FOR CIRSIUM FONTINALE VAR. CAMPYLON.

Owner/Manager: PVT, SCL COUNTY

Occurrence No.	11	Map Index: 10836	EO Index: 13815	Element Last Seen: 1989-09-XX
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen: 1989-09-XX
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 1998-04-10

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.17238 / -121.66349 **Accuracy:** specific area

UTM: Zone-10 N4114831 E618651 **Elevation (ft):** 480

PLSS: T09S, R03E, Sec. 08 (M) **Acres:** 17.2

Location: S SLOPE OF PIGEON PT BRIDGE IN LITTLE DRAW; APPROX 2 MILES W OF ANDERSON DAM.

Detailed Location:

Ecological: ON SERPENTINE SOIL IN SERPENTINE CHAPARRAL ASSOCIATED WITH ARCTOSTAPHYLOS GLAUCA, ARTEMISIA CALIFORNICA, HETEROMELES ARBUTIFOLIA. CIRSIUM CAMPYLON NEARBY ALONG COYOTE CREEK.

General: OVER 5000 PLANTS SEEN IN 1987, SEVERAL HUNDRED SEEN IN 1988. OUTLYER POPULATION TO WEST OF BEST STAND KNOWN (NDDDB OCCURRENCE #8). SITE OWNED BY OCEANIC AND LEASED TO KIRBY CANYON LANDFILL.

Owner/Manager: PVT



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



Occurrence No.	12	Map Index:	10807	EO Index:	14192	Element Last Seen:	2002-05-04
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:			2002-05-04
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:			2010-07-21

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long: 37.13865 / -121.68017 **Accuracy:** specific area

UTM: Zone-10 N4111068 E617222 **Elevation (ft):** 600

PLSS: T09S, R03E, Sec. 19 (M) **Acres:** 52.2

Location: 0.2 MILE NORTHWEST OF LLAGAS RD, BEGINNING ABOUT 0.5 MILE FROM JUNCTION OF OLD MONTEREY ROAD AND LLAGAS RD.

Detailed Location:

Ecological: ROCKY SERPENTINE RIDGE W/OTHER RARE ELEMENTS INCLUDING: STREPTANTHUS ALBIDUS PERAMOENUS, DUDLEYA SETCHELLII, AND BAY CHECKERSPOT BUTTERFLY. OTHER ASSOCIATES INCLUDE RHAMNUS CALIFORNICA, ARTEMISIA CALIFORNICA, Q. DURATA, ACHILLEA MILLEFOLIUM

General: 500 PLANTS SEEN IN 1988. CITY OF MORGAN HILL HILLSIDE ORDINANCE MAY OFFER PARTIAL PROTECTION TO POPULATION. AT 1997 RECOVERY WORKSHOP, PARTICIPANTS VISITED SITE IN 1992; DETAILED INFO NEEDED. ABOUT 10 PLANTS IN 2002 AT EAST COLONY.

Owner/Manager: PVT



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



Castilleja affinis ssp. neglecta		Element Code: PDSCR0D013	
Tiburon paintbrush			
Listing Status:	Federal: Endangered	CNDDDB Element Ranks:	Global: G4G5T1
	State: Threatened		State: S1.2
	Other: Rare Plant Rank - 1B.2		
Habitat:	General: VALLEY AND FOOTHILL GRASSLAND.		
	Micro: ROCKY SERPENTINE SITES. 75-400M.		

Occurrence No.	7	Map Index:	30320	EO Index:	343	Element Last Seen:	2006-05-XX
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:		2006-05-XX	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2007-03-06	

Quad Summary: Morgan Hill (3712126)
County Summary: Santa Clara

Lat/Long:	37.18188 / -121.65419	Accuracy:	specific area
UTM:	Zone-10 N4115897 E619462	Elevation (ft):	1300
PLSS:	T09S, R03E, Sec. 04 (M)	Acres:	8.9

Location: EAST RIDGE KIRBY CANYON AREA. ABOUT 1 MILE NORTHWEST OF PIGEON POINT, NORTH OF MORGAN HILL.
Detailed Location: 2 COLONIES. NORTH COLONY ON TOP OF EAST RIDGE ABOVE WASTE MANAGEMENT DUMP. SOUTH COLONY ON N-FACING SLOPE OF RIDGE TO THE WEST. ACCESSIBLE ONLY THROUGH KIRBY CANYON LANDFILL AND THE BAY CHECKERSPOT BUTTERFLY TRUST.
Ecological: AMONG VOLCANIC ROCKS IN SERPENTINE GRASSLAND. ASSOCIATED WITH ANNUAL GRASSES, GALIUM APARINE, PLANTAGO ERECTA, GILIA ACHILLEAFOLIA MULTICAULIS, PLECTRITIS MACROCERA, AND SANICULA BIPINNATIFIDA. DUDLEYA SETCHELLII ALSO HERE.
General: 17 PLANTS SEEN IN 1993, 9 IN 1994, 27 IN N COLONY IN 1996. 80 PLANTS AT N COLONY IN 1999; NONE AT S COLONY IN 1996 AND 1999. >140 PLANTS IN 2006. LAND LEASED TO SCL CO WASTE MGMT (1994).
Owner/Manager: PVT

Occurrence No.	9	Map Index:	53420	EO Index:	53420	Element Last Seen:	2006-06-XX
Occ. Rank:	Fair	Presence:	Presumed Extant	Site Last Seen:		2006-06-XX	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2007-03-02	

Quad Summary: Morgan Hill (3712126)
County Summary: Santa Clara

Lat/Long:	37.19250 / -121.67399	Accuracy:	1/10 mile
UTM:	Zone-10 N4117051 E617687	Elevation (ft):	950
PLSS:	T08S, R03E, Sec. 32 (M)	Acres:	0.0

Location: RIDGE BETWEEN ANDERSON LAKE AND HIGHWAY 101, ABOUT 2.8 AIR MILES NORTH OF MADRONE, NORTH OF MORGAN HILL.
Detailed Location: NEAR THE BOTTOM OF A RAVINE. LANDFILL SITE.
Ecological: NEAR THE BOTTOM OF A RAVINE IN A SERPENTINE GRASSLAND, ON A NORTHEAST-FACING SLOPE.
General: ABOUT 5 PLANTS SEEN IN 2002. APPROXIMATELY 1000 PLANTS OBSERVED IN 2006 IN AN AREA OF ABOUT 1/4 HECTARE. THE RARE DUDLEYA SETCHELLII AND CIRSIUM FONTINALE VAR. CAMPYLON ALSO OCCUR AT THIS SITE.
Owner/Manager: PVT



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



<i>Castilleja rubicundula ssp. rubicundula</i>		Element Code: PDSCR0D482
pink creamsacs		
Listing Status:	Federal: None	CNDDB Element Ranks: Global: G5T2
	State: None	State: S2
	Other: Rare Plant Rank - 1B.2, BLM_S-Sensitive	
Habitat:	General: CHAPARRAL, MEADOWS AND SEEPS, VALLEY AND FOOTHILL GRASSLAND.	
	Micro: OPENINGS IN CHAPARRAL OR GRASSLANDS. ON SERPENTINE. 20-900M.	

Occurrence No.	19	Map Index:	81232	EO Index:	82219	Element Last Seen:	1940-05-28
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:		1940-05-28	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2010-12-30	

Quad Summary: Morgan Hill (3712126)
County Summary: Santa Clara

Lat/Long:	37.13998 / -121.73565	Accuracy:	nonspecific area
UTM:	Zone-10 N4111149 E612292	Elevation (ft):	540
PLSS:	T09S, R02E, Sec. 22 (M)	Acres:	136.0

Location: LLAGAS CREEK, UVAS ROAD, 4 MILES WEST OF MORGAN HILL.
Detailed Location: MAPPED BY CNDDB AS BEST GUESS ALONG THE PORTION OF UVAS ROAD THAT PARALLELS LLAGAS CREEK.
Ecological:
General: ONLY SOURCE OF INFORMATION FOR THIS SITE IS A 1940 KECK & HIESEY COLLECTION. NEEDS FIELDWORK.
Owner/Manager: UNKNOWN

<i>Fritillaria liliacea</i>		Element Code: PMLILOV0C0
fragrant fritillary		
Listing Status:	Federal: None	CNDDB Element Ranks: Global: G2
	State: None	State: S2.2
	Other: Rare Plant Rank - 1B.2, USFS_S-Sensitive	
Habitat:	General: COASTAL SCRUB, VALLEY AND FOOTHILL GRASSLAND, COASTAL PRAIRIE.	
	Micro: OFTEN ON SERPENTINE; VARIOUS SOILS REPORTED THOUGH USUALLY CLAY, IN GRASSLAND. 3-410M.	

Occurrence No.	25	Map Index:	10729	EO Index:	9062	Element Last Seen:	1989-04-XX
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:		1989-04-XX	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		1997-03-05	

Quad Summary: Morgan Hill (3712126)
County Summary: Santa Clara

Lat/Long:	37.22688 / -121.71106	Accuracy:	80 meters
UTM:	Zone-10 N4120819 E614345	Elevation (ft):	1350
PLSS:	T08S, R02E, Sec. 24 (M)	Acres:	0.0

Location: ABOUT 0.2 MILE SOUTHEAST OF METCALFE VABM AND SOUTHEAST OF METCALFE CANYON, EAST OF SANTA CLARA VALLEY AND HWY 101.
Detailed Location:
Ecological:
General: 1500 PLANTS SEEN DURING 1989 FIELD SURVEY. SOUTHERNMOST AREA OF OCCURRENCE.
Owner/Manager: PVT



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



Occurrence No.	26	Map Index: 10723	EO Index: 9059	Element Last Seen: 1989-04-XX
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen: 1989-04-XX
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 1997-03-05

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long:	37.21771 / -121.71327	Accuracy:	80 meters
UTM:	Zone-10 N4119799 E614163	Elevation (ft):	960
PLSS:	T08S, R02E, Sec. 23 (M)	Acres:	0.0

Location: ABOUT 0.75 AIR MILES DUE SOUTH OF METCALFE VABM AND SOUTHEAST OF METCALFE CANYON, EAST SANTA CLARA VALLEY.

Detailed Location:

Ecological:

General: 150 PLANTS SEEN IN 1989 FIELD SURVEY. SOUTHERNMOST AREA OF OCCURRENCE.

Owner/Manager: PVT

Occurrence No.	27	Map Index: 10739	EO Index: 9060	Element Last Seen: 1989-04-XX
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen: 1989-04-XX
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 1997-03-05

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long:	37.22132 / -121.70690	Accuracy:	80 meters
UTM:	Zone-10 N4120207 E614723	Elevation (ft):	1240
PLSS:	T08S, R02E, Sec. 24 (M)	Acres:	0.0

Location: ABOUT 0.6 AIR MILE SOUTHEAST OF METCALFE VABM, SOUTHEAST OF METCALF CANYON, EAST OF SANTA CLARA VALLEY AND HWY 101.

Detailed Location:

Ecological:

General: 35 PLANTS SEEN AT 2 SUBPOPULATIONS DURING 1989 FIELD SURVEY.

Owner/Manager: PVT

Occurrence No.	54	Map Index: 42254	EO Index: 51585	Element Last Seen: 1993-06-12
Occ. Rank:	Fair		Presence: Presumed Extant	Site Last Seen: 1993-06-12
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2006-12-22

Quad Summary: Morgan Hill (3712126)

County Summary: Santa Clara

Lat/Long:	37.22002 / -121.72818	Accuracy:	specific area
UTM:	Zone-10 N4120038 E612836	Elevation (ft):	340
PLSS:	T08S, R02E, Sec. 23 (M)	Acres:	5.0

Location: METCALFE CANYON, ABOUT 1 AIR MILE SOUTHWEST OF METCALFE VABM, SANTA CLARA VALLEY.

Detailed Location: TWO COLONIES EAST OF MALECH ROAD, UNDER PIPELINE. MAPPED IN THE SW 1/4 OF SECTION 23.

Ecological: SERPENTINE SOIL DRAINAGES IN METCALFE CANYON AREA. WILLOWS GROWING IN SOME COLONIES. RARE ASSOCIATES INCLUDE DUDLEYA SETCHELLII, STREPTANTHUS ALIBIDUS SSP. ALBIDUS, AND CIRSIUM FONTINALE VAR. CAMPYLON.

General: UNKNOWN NUMBER OF INDIVIDUALS OBSERVED IN 1993 ON SURVEY FOR CIRSIUM FONTINALE VAR. CAMPYLON.

Owner/Manager: PVT