

Accipiter cooperii

Cooper's hawk

Element Code: ABNKC12040

_____ Status _____ NDDB Element Ranks _____ Other Lists _____
Federal: None Global: G5 CDFG Status: SC
State: None State: S3

Habitat Associations

General: (NESTING) WOODLAND, CHIEFLY OF OPEN, INTERRUPTED OR MARGINAL TYPE.

Micro: NEST SITES MAINLY IN RIPARIAN GROWTHS OF DECIDUOUS TREES, AS IN CANYON BOTTOMS ON RIVER FLOOD-PLAINS; ALSO, LIVE OAKS.

Occurrence No: 85 Map Index: 51557 EO Index: 51557 Dates Last Seen _____
Occ Rank: Fair Element: 2003-06-13
Origin: Natural/Native occurrence Site: 2003-06-13
Presence: Presumed Extant
Trend: Unknown Record Last Updated: 2003-06-17
Main Source: PLUMPTON, D. L. 2003 (OBS)

Quad Summary: SAN JOSE WEST (3712138/427C)

County Summary: SANTA CLARA

Lat/Long: 37.29633° / -121.92925° Township: 07S
UTM: Zone-10 N4128283 E594901 Range: 01W
Area: 38.4 ac Mapping Precision: NON-SPECIFIC Section: 25 Qtr: NW
Elevation: 175 ft Symbol Type: POLYGON Meridian: M

Location: NE OF THE INTERSECTION OF BASCOM AVENUE AND HAMILTON AVENUE, SAN JOSE

Ecological: HABITAT CONSISTS OF A MIX OF ORNAMENTAL REDWOOD, PINE, AND BIRCH TREES IN A COMMERCIAL PARKING LOT; SURROUNDED BY A MIX OF COMMERCIAL AND RESIDENTIAL.

General: 2 ADULTS OBSERVED NESTING ON 13 JUN 2003; AN UNKNOWN NUMBER OF JUVENILES PRESENT IN THE NEST.

Owner/Manager: UNKNOWN

Adela oplerella

Opler's longhorn moth

Element Code: IILEE0G040

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| _____ Status _____ | NDDB Element Ranks | _____ Other Lists _____ |
| Federal: None | Global: G2G3 | CDFG Status: |
| State: None | State: S2S3 | |

_____ Habitat Associations _____

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.

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|---|------------------|-----------------|---------------------------------|
| Occurrence No. 6 | Map Index: 42583 | EO Index: 42583 | _____ Dates Last Seen _____ |
| Occ Rank: Good | | | Element: 1993-XX-XX |
| Origin: Natural/Native occurrence | | | Site: 1993-XX-XX |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 2000-03-20 |
| Main Source: CENTER FOR CONSERVATION BIOL. 1993 (OBS) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D)
County Summary: SANTA CLARA

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|--|----------------------|
| Lat/Long: 37.27968° / -121.78700° | Township: 07S |
| UTM: Zone-10 N4126588 E607533 | Range: 02E |
| Radius: 80 meters | Section: 32 |
| Elevation: 500 ft | Meridian: M |
| Mapping Precision: SPECIFIC | Qtr: XX |
| Symbol Type: POINT | |

Location: "SILVER CREEK HILLS" SITE, IN UPPER HELLYER CANYON, BETWEEN SILVER CREEK AND HIGHWAY 101, SE EDGE OF SAN JOSE.
Ecological: HABITAT CONSISTS OF GRAZED SERPENTINE GRASSLAND. SITE IS SURROUNDED BY A BUTTERFLY PRESERVE, HOUSING DEVELOPMENT, AND A GOLF COURSE.
Threat: THREATENED BY INVASIVE EXOTICS, AN ALTERED NATURAL DISTURBANCE REGIME (FIRE CONTROL), AND DEVELOPMENT.
General: ACTIVE SITE, 1990-93.
Owner/Manager: PVT

Ambystoma californiense

California tiger salamander

Element Code: AAAAA01180

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|---------------------|---------------------------|--------------------|
| Status | NDDB Element Ranks | Other Lists |
| Federal: Threatened | Global: G2G3 | CDFG Status: SC |
| State: None | State: S2S3 | |

Habitat Associations

General: SPECIES NOW LISTED AS THREATENED STATEWIDE. POPULATIONS IN SANTA BARBARA & SONOMA COUNTIES FORMERLY LISTED AS ENDANGERED
Micro: NEED UNDERGROUND REFUGES, ESPECIALLY GROUND SQUIRREL BURROWS & VERNAL POOLS OR OTHER SEASONAL WATER SOURCES FOR BREEDING

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|---|-------------------------|------------------------|--|
| Occurrence No. 41 | Map Index: 37885 | EO Index: 32892 | Dates Last Seen |
| Occ Rank: None | | | Element: 1895-01-09 |
| Origin: Natural/Native occurrence | | | Site: 1895-01-09 |
| Presence: Extirpated | | | |
| Trend: Unknown | | | Record Last Updated: 2001-11-14 |
| Main Source: BRODE, J. 1986 (PERS) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D), SAN JOSE WEST (3712138/427C), CALAVERAS RESERVOIR (3712147/427A), MILPITAS (3712148/427B)
County Summary: SANTA CLARA

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|--|--------------------------------------|-----------------------|-------------------------|--|---------------------------|----------------------|-------------------|--------------------|--------------------|----------------|
| Lat/Long: 37.33789° / -121.89131° | UTM: Zone-10 N4132933 E598210 | Radius: 5 mile | Elevation: 85 ft | Mapping Precision: NON-SPECIFIC | Symbol Type: POINT | Township: 07S | Range: 01E | Section: 08 | Meridian: M | Qtr: XX |
|--|--------------------------------------|-----------------------|-------------------------|--|---------------------------|----------------------|-------------------|--------------------|--------------------|----------------|

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

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|---|-------------------------|-----------------------|--|
| Occurrence No. 229 | Map Index: 25521 | EO Index: 5643 | Dates Last Seen |
| Occ Rank: Good | | | Element: 1993-04-05 |
| Origin: Natural/Native occurrence | | | Site: 1993-04-05 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 2001-10-23 |
| Main Source: TATTERSALL, E. 1993 (OBS) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D)
County Summary: SANTA CLARA

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|--|--------------------------------------|----------------------|--------------------------|------------------------------------|-----------------------------|----------------------|-------------------|--------------------|--------------------|----------------|
| Lat/Long: 37.29051° / -121.85875° | UTM: Zone-10 N4127710 E601158 | Area: 21.4 ac | Elevation: 125 ft | Mapping Precision: SPECIFIC | Symbol Type: POLYGON | Township: 07S | Range: 01E | Section: XX | Meridian: M | Qtr: XX |
|--|--------------------------------------|----------------------|--------------------------|------------------------------------|-----------------------------|----------------------|-------------------|--------------------|--------------------|----------------|

Location: SOUTH SIDE OF SPRR TRACKS, APPROX 1 MILE SOUTH OF THE MONTEREY ROAD INTERSECTION WITH CURTNER ROAD, SAN JOSE.
Location Detail: FOUND IN THE VICINITY OF HILLSDALE MINE 1993. M. JENNINGS HAS GENERAL RECORDS FROM THE AREA BETWEEN CURTNER AVE, CAPITOL EXPWY & W MONTEREY HWY FROM 1980, 1981, 1983 & 1984.
Ecological: HABITAT CONSISTS OF TEMPORARY DITCHES, SEASONAL PONDS, AND A QUARRY POND, WITHIN AN ACTIVE QUARRY. WATER IS PUMPED FROM THE QUARRY POND TO TANKS FOR USE IN THE QUARRY.
Threat: POSSIBLE THREAT FROM WATER REMOVAL PRIOR TO CTS LARVAE EMERGENCE FROM POND.
General: NUMEROUS LARVAE WERE OBSERVED, SOME CAPTURED AND RELEASED, DURING A SITE VISIT ON 5 APRIL 1993.
Owner/Manager: PVT

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|---|-------------------------|-----------------------|--|
| Occurrence No. 230 | Map Index: 25520 | EO Index: 5645 | Dates Last Seen |
| Occ Rank: Good | | | Element: 1993-03-24 |
| Origin: Natural/Native occurrence | | | Site: 1993-03-24 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 2001-10-23 |
| Main Source: TATTERSALL, E. 1993 (OBS) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D)
County Summary: SANTA CLARA

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|--|--------------------------------------|--------------------------|--------------------------|------------------------------------|---------------------------|----------------------|-------------------|--------------------|--------------------|----------------|
| Lat/Long: 37.29035° / -121.86212° | UTM: Zone-10 N4127689 E600859 | Radius: 80 meters | Elevation: 175 ft | Mapping Precision: SPECIFIC | Symbol Type: POINT | Township: 07S | Range: 01E | Section: XX | Meridian: M | Qtr: XX |
|--|--------------------------------------|--------------------------|--------------------------|------------------------------------|---------------------------|----------------------|-------------------|--------------------|--------------------|----------------|

Location: 0.15 MILE SOUTH OF THE SPRR TRACKS, APPROX 1 MILE SOUTH OF THE INTERSECTION OF CURTNER ROAD AND MONTEREY ROAD, SAN JOSE.
Location Detail: FOUND ON THE NORTHEAST-FACING SLOPE OF COMMUNICATION HILL 1993. JENNINGS HAS GENERAL RECORDS FROM THE AREA BETWEEN CURTNER AVE, CAPITOL EXPWY & W MONTEREY HWY FROM 1980, 1981, 1983 & 1984.
Ecological: HABITAT CONSISTS OF ANNUAL GRASSLAND.
General: 2 ADULTS OBSERVED DURING LIGHT RAIN, AT APPROX 11:00 PM, MOVING IN THE DIRECTION OF A SEASONAL POND/QUARRY POND, WHERE 10 LARVAE WERE OBSERVED. ADULTS MEASURED 3.75 AND 4.00 INCHES SNOUT-VENT LENGTH.

Ambystoma californiense

California tiger salamander

Element Code: AAAAA01180

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|---------------------|---------------------------|--------------------|
| Status | NDDB Element Ranks | Other Lists |
| Federal: Threatened | Global: G2G3 | CDFG Status: SC |
| State: None | State: S2S3 | |

Habitat Associations

General: SPECIES NOW LISTED AS THREATENED STATEWIDE. POPULATIONS IN SANTA BARBARA & SONOMA COUNTIES FORMERLY LISTED AS ENDANGERED
Micro: NEED UNDERGROUND REFUGES, ESPECIALLY GROUND SQUIRREL BURROWS & VERNAL POOLS OR OTHER SEASONAL WATER SOURCES FOR BREEDING

Owner/Manager: PVT

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|--|-------------------------|------------------------|--|
| Occurrence No. 392 | Map Index: 33481 | EO Index: 16990 | Dates Last Seen |
| Occ Rank: None | | | Element: 1995-02-14 |
| Origin: Natural/Native occurrence | | | Site: 2002-11-18 |
| Presence: Extirpated | | | |
| Trend: Unknown | | | Record Last Updated: 2004-06-23 |
| Main Source: SWAIM, K. 1995 (OBS) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D)

County Summary: SANTA CLARA

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|--|----------------------|
| Lat/Long: 37.28919° / -121.76271° | Township: 07S |
| UTM: Zone-10 N4127671 E609673 | Range: 02E |
| Radius: 80 meters | Section: XX |
| Elevation: 360 ft | Meridian: M |
| Mapping Precision: SPECIFIC | Qtr: XX |
| Symbol Type: POINT | |

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

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

Threat: 1995: THREATENED BY A PROPOSED RESIDENTIAL DEVELOPMENT. 2002: AREA DEVELOPED.

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

Owner/Manager: PVT

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|---|-------------------------|------------------------|--|
| Occurrence No. 431 | Map Index: 38731 | EO Index: 33738 | Dates Last Seen |
| Occ Rank: Fair | | | Element: 1998-04-19 |
| Origin: Natural/Native occurrence | | | Site: 1998-04-19 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 2002-09-05 |
| Main Source: JENNINGS, M. 1998 (OBS) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D)

County Summary: SANTA CLARA

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|--|----------------------|
| Lat/Long: 37.28917° / -121.80421° | Township: 07S |
| UTM: Zone-10 N4127621 E605994 | Range: 02E |
| Radius: 80 meters | Section: 30 |
| Elevation: 375 ft | Meridian: M |
| Mapping Precision: SPECIFIC | Qtr: XX |
| Symbol Type: POINT | |

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

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

Ecological: HABITAT CONSISTS OF AN ARTIFICIAL POND, FILLED WITH WATER FROM EVERGREEN CANAL, SURROUNDED BY GRAZED GRASSLAND/INTRODUCED TREES, ON A SERPENTINE HILL.

Threat: THREATS INCLUDE PROPOSED RESIDENTIAL HOUSING AND GOLF COURSE DEVELOPMENT, AND DEPENDENCE ON CANAL FOR WATER.

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

Owner/Manager: PVT

Ambystoma californiense

California tiger salamander

Element Code: AAAAA01180

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|---------------------|---------------------------|--------------------|
| Status | NDDB Element Ranks | Other Lists |
| Federal: Threatened | Global: G2G3 | CDFG Status: SC |
| State: None | State: S2S3 | |

Habitat Associations

General: SPECIES NOW LISTED AS THREATENED STATEWIDE. POPULATIONS IN SANTA BARBARA & SONOMA COUNTIES FORMERLY LISTED AS ENDANGERED
Micro: NEED UNDERGROUND REFUGES, ESPECIALLY GROUND SQUIRREL BURROWS & VERNAL POOLS OR OTHER SEASONAL WATER SOURCES FOR BREEDING

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|---|-------------------------|------------------------|--|
| Occurrence No. 445 | Map Index: 40553 | EO Index: 35560 | Dates Last Seen |
| Occ Rank: Good | | | Element: 2000-01-22 |
| Origin: Natural/Native occurrence | | | Site: 2000-01-22 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 2001-09-17 |
| Main Source: JENNINGS, M. 1998 (OBS) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D)
County Summary: SANTA CLARA

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|--|--------------------------------------|--------------------------|--------------------------|------------------------------------|---------------------------|----------------------|-------------------|--------------------|--------------------|----------------|
| Lat/Long: 37.29537° / -121.80453° | UTM: Zone-10 N4128309 E605957 | Radius: 80 meters | Elevation: 190 ft | Mapping Precision: SPECIFIC | Symbol Type: POINT | Township: 07S | Range: 01E | Section: 25 | Meridian: M | Qtr: XX |
|--|--------------------------------------|--------------------------|--------------------------|------------------------------------|---------------------------|----------------------|-------------------|--------------------|--------------------|----------------|

Location: 0.9 MILE SE OF THE CAPITAL EXPWY & HIGHWAY 101 INTERCHANGE, ~1 NNE OF HELLYER PARK SAN JOSE.
Location Detail: GOOD ESTIVATION HABITAT BUT BREEDING POND RARELY PONDS AND HOLDS WATER THROUGH LARVAL DEVELOPMENT
Ecological: HABITAT CONSISTS OF AN OLD STOCK POND IN GRAZED GRASSLANDS, AT THE BASE OF A LARGE HILL.
Threat: NON-NATIVE BULLFROGS, PRESENT IN NEARBY SILVER CREEK AS WELL AS THE POND; FUTURE DEVELOPMENT
General: DOZENS OF JUVENILES OBSERVED ON 14 JUN 1998. 14 OBSERVED, 10 ADULTS & 4 JUVENILES (1 SEND TO CAS), 1999. 1/22/2000: CAS# 211677 (JAW-1228), SUBADULT.
Owner/Manager: PVT

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|---|-------------------------|------------------------|--|
| Occurrence No. 498 | Map Index: 44129 | EO Index: 44129 | Dates Last Seen |
| Occ Rank: Unknown | | | Element: 1996-05-03 |
| Origin: Natural/Native occurrence | | | Site: 1996-08-02 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 2001-10-09 |
| Main Source: H.T. HARVEY & ASSOCIATES 1996 (LIT) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D)
County Summary: SANTA CLARA

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|--|--------------------------------------|---------------------|--------------------------|------------------------------------|-----------------------------|----------------------|-------------------|--------------------|--------------------|----------------|
| Lat/Long: 37.30457° / -121.79089° | UTM: Zone-10 N4129345 E607153 | Area: 8.9 ac | Elevation: 280 ft | Mapping Precision: SPECIFIC | Symbol Type: POLYGON | Township: 07S | Range: 02E | Section: 19 | Meridian: M | Qtr: XX |
|--|--------------------------------------|---------------------|--------------------------|------------------------------------|-----------------------------|----------------------|-------------------|--------------------|--------------------|----------------|

Location: GREYSTONE HOMES SITE, JUST S OF TWIN FALLS COURT, 0.7 MILE S OF ABORN & WHITE ROADS, SILVER CREEK PORTION OF SAN JOSE.
Location Detail: MAN MADE POND AND ADJACENT RUDERAL GRASSLAND
Ecological: RUDERAL GRASSLAND, DOMINANT VEGETATION: AVENA FATUA, BROMUS DIANDRUS, EREMOCARPUS SETEGERUS, BRASSICA NIGRA.
Threat: DEVELOPMENT. PLAN IS TO FILL THE POND AND BUILD ON THE ENTIRE SITE. 1:1 OFFSITE MITIGATION (8 ACRES).
General: LARVAE FOUND IN THE POND, 1996. CAS# 203273 (MRJ-1156), LARVA.
Owner/Manager: PVT

Ambystoma californiense

California tiger salamander

Element Code: AAAAA01180

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|---------------------|---------------------------|--------------------|
| Status | NDDB Element Ranks | Other Lists |
| Federal: Threatened | Global: G2G3 | CDFG Status: SC |
| State: None | State: S2S3 | |

Habitat Associations

General: SPECIES NOW LISTED AS THREATENED STATEWIDE. POPULATIONS IN SANTA BARBARA & SONOMA COUNTIES FORMERLY LISTED AS ENDANGERED
Micro: NEED UNDERGROUND REFUGES, ESPECIALLY GROUND SQUIRREL BURROWS & VERNAL POOLS OR OTHER SEASONAL WATER SOURCES FOR BREEDING

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|--|-------------------------|------------------------|--|
| Occurrence No. 537 | Map Index: 45817 | EO Index: 45817 | Dates Last Seen |
| Occ Rank: None | | | Element: 1970-05-XX |
| Origin: Natural/Native occurrence | | | Site: 2002-11-18 |
| Presence: Extirpated | | | |
| Trend: Unknown | | | Record Last Updated: 2004-06-23 |
| Main Source: CAL ACADEMY OF SCIENCES 1970 (MUS) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D)
County Summary: SANTA CLARA

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|--|--------------------------------------|-------------------------|--------------------------|--|---------------------------|----------------------|-------------------|--------------------|--------------------|-------------|
| Lat/Long: 37.31411° / -121.79054° | UTM: Zone-10 N4130404 E607170 | Radius: 1/5 mile | Elevation: 200 ft | Mapping Precision: NON-SPECIFIC | Symbol Type: POINT | Township: 07S | Range: 02E | Section: 19 | Meridian: M | Qtr: |
|--|--------------------------------------|-------------------------|--------------------------|--|---------------------------|----------------------|-------------------|--------------------|--------------------|-------------|

Location: SE OF SAN JOSE. 0.5 MILES NW OF EVERGREEN.
Location Detail: LOCATED ALONG ABORN ROAD, 1 MILE EAST OF INTERSECTION OF ABORN ROAD AND CAPITOL EXPRESSWAY.
Ecological: 2002: AREA COMPLETELY DEVELOPED - PRIMARILY HOUSING TRACTS.
General: MAY 1970: CAS# 187392, LARVA. SAN JOSE UNIVERSITY COLLECTION.
Owner/Manager: UNKNOWN

| | | | |
|--|-------------------------|------------------------|--|
| Occurrence No. 538 | Map Index: 45822 | EO Index: 45822 | Dates Last Seen |
| Occ Rank: None | | | Element: 1981-11-XX |
| Origin: Natural/Native occurrence | | | Site: 1981-11-XX |
| Presence: Extirpated | | | |
| Trend: Unknown | | | Record Last Updated: 2001-11-14 |
| Main Source: CAL ACADEMY OF SCIENCES 1981 (MUS) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D)
County Summary: SANTA CLARA

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|--|--------------------------------------|----------------------|-------------------------|--|-----------------------------|----------------------|-------------------|--------------------|--------------------|----------------|
| Lat/Long: 37.31044° / -121.84394° | UTM: Zone-10 N4129938 E602443 | Area: 13.1 ac | Elevation: 95 ft | Mapping Precision: NON-SPECIFIC | Symbol Type: POLYGON | Township: 07S | Range: 01E | Section: 22 | Meridian: M | Qtr: XX |
|--|--------------------------------------|----------------------|-------------------------|--|-----------------------------|----------------------|-------------------|--------------------|--------------------|----------------|

Location: COYOTE CREEK NEAR TULLY ROAD. SE AREA OF SAN JOSE, 3.4 MILES DIRECTLY WEST OF EVERGREEN.
General: NOV 1981: CAS# 187397, ADULT. JENNINGS CONSIDERS THIS SITE EXTIRPATED.
Owner/Manager: UNKNOWN

| | | | |
|--|-------------------------|------------------------|--|
| Occurrence No. 548 | Map Index: 45868 | EO Index: 45868 | Dates Last Seen |
| Occ Rank: Unknown | | | Element: 1977-XX-XX |
| Origin: Natural/Native occurrence | | | Site: 1977-XX-XX |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 2001-10-23 |
| Main Source: CAL ACADEMY OF SCIENCES 1968 (MUS) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D)
County Summary: SANTA CLARA

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|--|--------------------------------------|----------------------|--------------------------|--|-----------------------------|----------------------|-------------------|--------------------|--------------------|----------------|
| Lat/Long: 37.30061° / -121.78607° | UTM: Zone-10 N4128911 E607586 | Area: 25.6 ac | Elevation: 350 ft | Mapping Precision: NON-SPECIFIC | Symbol Type: POLYGON | Township: 07S | Range: 02E | Section: 29 | Meridian: M | Qtr: XX |
|--|--------------------------------------|----------------------|--------------------------|--|-----------------------------|----------------------|-------------------|--------------------|--------------------|----------------|

Location: SOUTH END OF CADWALLADER AVE. SE OF SAN JOSE, 0.5 MILES SSW OF EVERGREEN.
Ecological: 1977 RECORD GIVES BREEDING HABITAT AS A "CATTLE TANK".
General: NOV 1968: CAS# 187390, ADULT; MAY 1971 CAS# 187391, JUVENILE. 1968-1972 RECORDS FROM SAN JOSE UNIVERSITY COLLECTIONS. 1977 RECORD FROM M. JENNINGS FIELD NOTES.
Owner/Manager: UNKNOWN

Ambystoma californiense

California tiger salamander

Element Code: AAAAA01180

| | | |
|------------------------------------|-----------------------------|--------------------|
| Status | NDDB Element Ranks | Other Lists |
| Federal: Threatened State: None | Global: G2G3 State: S2S3 | CDFG Status: SC |

Habitat Associations

General: SPECIES NOW LISTED AS THREATENED STATEWIDE. POPULATIONS IN SANTA BARBARA & SONOMA COUNTIES FORMERLY LISTED AS ENDANGERED
Micro: NEED UNDERGROUND REFUGES, ESPECIALLY GROUND SQUIRREL BURROWS & VERNAL POOLS OR OTHER SEASONAL WATER SOURCES FOR BREEDING

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|--|-------------------------|------------------------|--|
| Occurrence No. 551 | Map Index: 45893 | EO Index: 45893 | Dates Last Seen |
| Occ Rank: Unknown | | | Element: 1992-04-06 |
| Origin: Natural/Native occurrence | | | Site: 1992-04-06 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 2001-10-23 |
| Main Source: CAL ACADEMY OF SCIENCES 2001 (MUS) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D)
County Summary: SANTA CLARA

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|--|--------------------------------------|--------------------------|-------------------|--|---------------------------|----------------------|-------------------|--------------------|----------------|
| Lat/Long: 37.29249° / -121.86557° | UTM: Zone-10 N4127923 E600550 | Radius: 1/10 mile | Elevation: | Mapping Precision: NON-SPECIFIC | Symbol Type: POINT | Township: 07S | Range: 01E | Section: 28 | Qtr: XX |
| | | | | | | Meridian: M | | | |

Location: SAN JOSE, 1.8 MILES NW OF THE INTERSECTION OF THE CAPITOL EXPRESSWAY AND HWY 82.
Location Detail: SW SIDE OF RAILROAD TRACKS 1992. M. JENNINGS HAS GENERAL RECORDS FROM THE AREA BETWEEN CURTNER AVE, CAPITOL EXPWY & W MONTEREY HWY FROM 1980, 1981, 1983 & 1984.
Ecological: HABITAT CONSISTS OF A VERNAL POOL.
General: CAS# 197605, 1 LARVA COLLECTED BY M.R. JENNINGS.
Owner/Manager: UNKNOWN

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|---|-------------------------|------------------------|--|
| Occurrence No. 606 | Map Index: 46406 | EO Index: 46406 | Dates Last Seen |
| Occ Rank: None | | | Element: 1969-XX-XX |
| Origin: Natural/Native occurrence | | | Site: 1969-XX-XX |
| Presence: Extirpated | | | |
| Trend: Unknown | | | Record Last Updated: 2001-11-06 |
| Main Source: JENNINGS, M. & M. HAYES 1994 (PERS) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D)
County Summary: SANTA CLARA

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|--|--------------------------------------|-------------------------|--------------------------|--|---------------------------|----------------------|-------------------|--------------------|----------------|
| Lat/Long: 37.31326° / -121.79625° | UTM: Zone-10 N4130303 E606666 | Radius: 1/5 mile | Elevation: 200 ft | Mapping Precision: NON-SPECIFIC | Symbol Type: POINT | Township: 07S | Range: 02E | Section: 19 | Qtr: XX |
| | | | | | | Meridian: M | | | |

Location: NEAR THE JUNCTION OF ABORN ROAD AND KETTMANN AVENUE. SOUTHEAST OF SAN JOSE.
Ecological: VERNAL POOLS.
General: UNKNOWN NUMBER COLLECTED SPRING 1969. SJSU SPECIMENS. JENNINGS CONSIDERS THIS SITE EXTIRPATED.
Owner/Manager: UNKNOWN

Athene cucularia

burrowing owl

Element Code: ABNSB10010

_____ Status _____ NDDB Element Ranks _____ Other Lists _____
 Federal: None Global: G4 CDFG Status: SC
 State: None State: S2

Habitat Associations

General: (BURROW SITES) 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.

Occurrence No. 132 Map Index: 21008 EO Index: 9205 Dates Last Seen _____
 Occ Rank: Fair Element: 1992-04-01
 Origin: Natural/Native occurrence Site: 1992-04-01
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2003-03-10
 Main Source: FREAS, K. 1992 (OBS)

Quad Summary: SAN JOSE WEST (3712138/427C), MILPITAS (3712148/427B)
 County Summary: SANTA CLARA

Lat/Long: 37.37451° / -121.92095° Township: 06S
 UTM: Zone-10 N4136965 E595538 Range: 01W
 Radius: 1/10 mile Mapping PrecisionNON-SPECIFIC Section: 25 Qtr: S
 Elevation: 40 ft Symbol Type:POINT Meridian: M

Location: NW OF THE JUNCTION OF KARINA COURT AND NORTH FIRST STREET, SAN JOSE
 Ecological: HABITAT CONSISTS OF FAIRLY OPEN ULAND/RUDERAL, MADE UP PRIMARILY OF ANNUAL GRASSES. CHUNKS OF CONCRETE AT THE SITE SERVE AS PERCHES. MANY GROUND SQUIRRELS INHABIT THE SITE.
 Threat: MAIN THREAT TO THIS SITE IS DEVELOPMENT, AS ADVERTISED ON SIGNS AROUND THE PROPERTY.
 General: SITE APPEARS TO HAVE BEEN DISCED PRIOR TO 1992, BUT NO DISCING HAD TAKEN PLACE AS OF 12 APRIL 1992. TWO ADULT BIRDS OBSERVED.

Owner/Manager: PVT

Occurrence No. 184 Map Index: 24670 EO Index: 6556 Dates Last Seen _____
 Occ Rank: Fair Element: 1993-08-28
 Origin: Natural/Native occurrence Site: 1993-08-28
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1998-12-30
 Main Source: PETERSON, T. 1993 (OBS)

Quad Summary: SAN JOSE WEST (3712138/427C)
 County Summary: SANTA CLARA

Lat/Long: 37.36948° / -121.92050° Township: 06S
 UTM: Zone-10 N4136407 E595584 Range: 01W
 Radius: 80 meters Mapping PrecisionSPECIFIC Section: 35 Qtr: NE
 Elevation: 45 ft Symbol Type:POINT Meridian: M

Location: 0.2 MILE NE OF THE INTERSECTION OF AIRPORT PARKWAY AND GUADALUPE PARKWAY, EAST OF SAN JOSE MUNICIPAL AIRPORT.
 Location Detail: TWO BURROWS LOCATED ABOUT 10 FEET APART IN A MOWED, UNIRRIGATED STRIP BETWEEN PARKING LOTS OF AN OFFICE PARK.
 Ecological: BURROW SITES ARE LOCATED IN A STRIP MEASURING 200 X 1000 FEET, WITH DAISY BUSHES AND EARTH BERMS AROUND THE EDGES THAT SERVE AS PERCHES.
 Threat: SITE THREATENED BY FURTHER DEVELOPMENT, POSSIBLY FOR ADDITIONAL PARKING.
 General: 4 ADULTS AND 2 JUVENILES OBSERVED IN TOTAL FOR BOTH BURROW SITES ON 28 AUGUST 1993. 9 OWLS (2 ADULTS, 7 JUVENILES) WERE BANDED BY BARCLAY IN 1993.

Owner/Manager: PVT

Athene cucularia

burrowing owl

Element Code: ABNSB10010

| | | |
|---------------|---------------------------|--------------------|
| Status | NDDB Element Ranks | Other Lists |
| Federal: None | Global: G4 | CDFG Status: SC |
| State: None | State: S2 | |

Habitat Associations

General: (BURROW SITES) 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.

| | | | |
|---|-------------------------|-----------------------|--|
| Occurrence No. 211 | Map Index: 25520 | EO Index: 5644 | Dates Last Seen |
| Occ Rank: Good | | | Element: 1993-03-10 |
| Origin: Natural/Native occurrence | | | Site: 1993-03-10 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 1994-08-05 |
| Main Source: TATTERSALL, E. 1993 (OBS) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D)
County Summary: SANTA CLARA

| | |
|--|----------------------|
| Lat/Long: 37.29035° / -121.86212° | Township: 07S |
| UTM: Zone-10 N4127689 E600859 | Range: 01E |
| Radius: 80 meters | Section: XX |
| Elevation: 175 ft | Meridian: M |
| Mapping Precision: SPECIFIC | Qtr: XX |
| Symbol Type: POINT | |

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

Ecological: HABITAT CONSISTS OF ANNUAL GRASSLAND ON A NORTHEAST-FACING SLOPE.

General: ONE BURROW WITH OWL PELLETS AND WHITEWASH OBSERVED; NO OWLS SEEN.

Owner/Manager: PVT

| | | | |
|--|-------------------------|------------------------|--|
| Occurrence No. 341 | Map Index: 42084 | EO Index: 42084 | Dates Last Seen |
| Occ Rank: Excellent | | | Element: 2004-06-16 |
| Origin: Natural/Native occurrence | | | Site: 2004-06-16 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 2004-12-27 |
| Main Source: BARCLAY, J. 1999 (OBS) | | | |

Quad Summary: SAN JOSE WEST (3712138/427C), MILPITAS (3712148/427B)
County Summary: SANTA CLARA

| | |
|--|----------------------|
| Lat/Long: 37.36360° / -121.92987° | Township: 06S |
| UTM: Zone-10 N4135746 E594762 | Range: 01W |
| Area: 868.1 ac | Section: 36 |
| Elevation: 56 ft | Meridian: M |
| Mapping Precision: NON-SPECIFIC | Qtr: NE |
| Symbol Type: POLYGON | |

Location: SAN JOSE INTERNATIONAL AIRPORT, SAN JOSE

Location Detail: SITE IS PART OF AN ON-GOING BURROWING OWL MONITORING/MANAGEMENT PROGRAM (SINCE 1990), OWLS UTILIZING BOTH ARTIFICIAL AND NATURAL BURROWS.

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

Threat: THREATENED BY CONSTRUCTION AND HABITAT DEGRADATION.

General: 28 ADS/19 JUVS OBS, 1990. 12 ADS/11 JUVS OBS, 1991. 30 ADS/68 JUVS OBS, 1997. 50 ADS/92 JUVS OBS, 1998. 48 ADS/101 JUVS OBS, 1999. 62 ADS/129 JUVS OBS, 2001. 82 ADS/126 JUVS OBS, 2002. 57 ADS/70 JUVS OBS, 2003. 49 ADS/109 JUVS OBS, 2004.

Owner/Manager: CITY OF SAN JOSE

Athene cucularia

burrowing owl

Element Code: ABNSB10010

Status: _____ NDDB Element Ranks: _____ Other Lists: _____
 Federal: None Global: G4 CDFG Status: SC
 State: None State: S2

Habitat Associations

General: (BURROW SITES) 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.

Occurrence No. 354 Map Index: 42530 EO Index: 42530 Dates Last Seen: _____
 Occ Rank: Good Element: 2000-03-02
 Origin: Natural/Native occurrence Site: 2000-03-02
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2000-03-13
 Main Source: WRIGHT, D. 2000 (OBS)

Quad Summary: SAN JOSE EAST (3712137/427D)
 County Summary: SANTA CLARA

Lat/Long: 37.28055° / -121.78599° Township: 07S
 UTM: Zone-10 N4126686 E607622 Range: 02E
 Radius: 80 meters Mapping Precision: SPECIFIC Section: 32 Qtr: XX
 Elevation: 800 ft Symbol Type: POINT Meridian: M

Location: SILVER CREEK HILLS, BETWEEN SILVER CREEK AND COYOTE CREEK, SAN JOSE.
 Ecological: BURROW IS LOCATED ON A SW-FACING SLOPE; SURROUNDED BY SERPENTINE GRASSLAND.
 General: OWL OBSERVED ON THE GROUND NEAR A POSSIBLE BURROW SITE ON 2 MAR 2000.
 Owner/Manager: PVT

Occurrence No. 395 Map Index: 44368 EO Index: 44368 Dates Last Seen: _____
 Occ Rank: Fair Element: 1990-10-24
 Origin: Natural/Native occurrence Site: 1990-10-24
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2000-11-21
 Main Source: MORI, B. 1990 (OBS)

Quad Summary: LICK OBSERVATORY (3712136/426C), SAN JOSE EAST (3712137/427D)
 County Summary: SANTA CLARA

Lat/Long: 37.27278° / -121.74452° Township: 08S
 UTM: Zone-10 N4125872 E611309 Range: 02E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 03 Qtr: XX
 Elevation: 800 ft Symbol Type: POINT Meridian: M

Location: KRUIZE PROPERTY, EVERGREEN NEAR SILVER CREEK ROAD AND SAN FELIPE ROAD, EAST SAN JOSE.
 Location Detail: 1 BURROW IN GRASSLAND
 Ecological: GRAZED GRASSLAND, SLOPE SOUTHWEST ASPECT, MID-SLOPE WITH RELATIVELY STEEP TOPOGRAPHY, GROUND SQUIRREL COLONY ON SLOPE.
 Threat: PROPOSED FOR DEVELOPMENT
 General: PELLETS AND DROPPINGS OBSERVED NEAR BURROW ENTRANCE.
 Owner/Manager: PVT

Occurrence No. 401 Map Index: 45368 EO Index: 45368 Dates Last Seen: _____
 Occ Rank: Fair Element: 2002-04-18
 Origin: Natural/Native occurrence Site: 2002-04-18
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2003-03-11
 Main Source: BARCLAY, J. 1999 (OBS)

Quad Summary: SAN JOSE EAST (3712137/427D)
 County Summary: SANTA CLARA

Lat/Long: 37.33112° / -121.81428° Township: 07S
 UTM: Zone-10 N4132264 E605043 Range: 01E
 Area: 6.6 ac Mapping Precision: SPECIFIC Section: 13 Qtr: NE
 Elevation: 135 ft Symbol Type: POLYGON Meridian: M

Location: JUST WEST OF THE INTERSECTION OF TULLY ROAD (SWIFT LANE) AND CAPITOL EXPRESSWAY, SAN JOSE
 Location Detail: BURROW SITE IS LOCATED IN A BARE VACANT LOT, SURROUNDED BY URBAN ROADS, A SHOPPING CENTER, AN AIRPORT, AND A PUBLIC PARK, AT THE NW CORNER OF A MAJOR INTERSECTION.
 Ecological: HABITAT CONSISTS OF APPROXIMATELY 1 ACRE OF FLAT GROUND AROUND THE BURROW SITE, WHICH IS NEARLY DEVOID OF VEGETATION.
 Threat: THREATS INCLUDE SEASONAL USE OF THE SITE BY VENDORS (PUMPKINS/CHRISTMAS TREES) AND HIGH LEVELS OF VEHICLE DISTURBANCE.
 General: 2 ADULTS OBSERVED, 19 JUN 1999. 2 ADULTS/3 JUVENILES OBSERVED, 21 JUN 2000. 2 ADULTS/3 JUVENILES OBSERVED AT, 1 JUL 2001. 5 (2 PAIRS) ADULTS OBSERVED, 18 APR 2002, 1 OWL WAS Banded IN 2001 AT SAN JOSE INT'L AIRPORT.
 Owner/Manager: CITY OF SAN JOSE

Athene cucularia

burrowing owl

Element Code: ABNSB10010

_____ Status _____ NDDB Element Ranks _____ Other Lists _____
 Federal: None Global: G4 CDFG Status: SC
 State: None State: S2

Habitat Associations

General: (BURROW SITES) 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.

Occurrence No. 428 Map Index: 46956 EO Index: 46956 Dates Last Seen _____
 Occ Rank: Fair Element: 2001-07-01
 Origin: Natural/Native occurrence Site: 2001-07-01
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2002-01-10
 Main Source: BARCLAY, J. 2001 (OBS)

Quad Summary: SAN JOSE WEST (3712138/427C)
 County Summary: SANTA CLARA

Lat/Long: 37.37262° / -121.91462° Township: 06S
 UTM: Zone-10 N4136762 E596101 Range: 01W
 Radius: 80 meters Mapping Precision SPECIFIC Section: 35 Qtr: NE
 Elevation: 40 ft Symbol Type: POINT Meridian: M

Location: SOUTH SIDE OF DEVCON COURT, SAN JOSE
 Location Detail: BURROWS ARE LOCATED UNDER THE SIDEWALK ON THE SOUTH SIDE OF DEVCON COURT.
 Ecological: HABITAT CONSISTS OF MIXED RUDERAL VEGETATION ON A FLAT, VACANT SITE.
 Threat: THREATENED BY DISCING/SCRAPING FOR FIRE CONTROL AND FERAL ANIMALS.
 General: 4 ADULTS AND 4 JUVENILES OBSERVED USING TWO BURROWS. BURROWS SITE WAS MONITORED FROM 17 APR-4 SEP 2001; 2 OWLS FOUND DEAD IN JUL 2001, LIKELY KILLED BY FERAL ANIMALS.
 Owner/Manager: UNKNOWN

Occurrence No. 429 Map Index: 46972 EO Index: 46972 Dates Last Seen _____
 Occ Rank: Good Element: 2004-06-29
 Origin: Natural/Native occurrence Site: 2004-06-29
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2004-12-28
 Main Source: BARCLAY, J. 2001 (OBS)

Quad Summary: SAN JOSE EAST (3712137/427D)
 County Summary: SANTA CLARA

Lat/Long: 37.31894° / -121.81367° Township: 07S
 UTM: Zone-10 N4130914 E605114 Range: 01E
 Area: 44.8 ac Mapping Precision NON-SPECIFIC Section: 13 Qtr: XX
 Elevation: 140 ft Symbol Type: POLYGON Meridian: M

Location: JUST NORTH OF MEADOWFAIR PARK, 0.5 MILE NORTH OF THE INTERSECTION OF ABORN ROAD AND KING ROAD, SAN JOSE
 Location Detail: BURROW IS LOCATED ON VACANT LAND NORTH OF MEADOWVIEW PARK. SITE IS BOUNDED ON THE NORTH BY QUIMBY ROAD AND EASTRIDGE SHOPPING MALL, TO THE EAST BY CAPITOL EXPRESSWAY, AND TO THE WEST AND SOUTH BY RESIDENTIAL DEVELOPMENT.
 Ecological: HABITAT CONSISTS OF UNMOWED, MIXED HERBACEOUS VEGETATION ON A FLAT SITE; SURROUNDED BY AN URBAN PARK, A SCHOOL, AND RESIDENTIAL DEVELOPMENT.
 Threat: THREATENED BY DISKING FOR FIRE CONTROL, FERAL ANIMALS, AND VANDALS (UNCONFIRMED REPORT OF OWL NEST DESTROYED BY VANDALS)
 General: 2 ADULT OWLS OBSERVED AT THE BURROW SITE ON THREE OCCASIONS IN JUL 2001. 10 ADULTS AND 4 JUVENILES OBSERVED ON 29 JUN 2004
 Owner/Manager: PVT

Athene cunicularia

burrowing owl

Element Code: ABNSB10010

_____ Status _____ NDDB Element Ranks _____ Other Lists _____
Federal: None Global: G4 CDFG Status: SC
State: None State: S2

_____ Habitat Associations _____

General: (BURROW SITES) 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.

Occurrence No. 724 Map Index: 58507 EO Index: 58543 _____ Dates Last Seen _____
Occ Rank: Fair Element: 2004-07-15
Origin: Natural/Native occurrence Site: 2004-07-15
Presence: Presumed Extant
Trend: Unknown Record Last Updated: 2004-12-13
Main Source: DENENA, M. 2004 (OBS)

Quad Summary: SAN JOSE EAST (3712137/427D)

County Summary: SANTA CLARA

Lat/Long: 37.33801^o / -121.81523^o Township: 07S
UTM: Zone-10 N4133028 E604949 Range: 01E
Radius: 80 meters Mapping Precision: SPECIFIC Section: 12 Qtr: XX
Elevation: 125 ft Symbol Type: POINT Meridian: M

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

Ecological: HABITAT CONSISTS OF RUDERAL/NON-NATIVE GRASSLAND, ON A SLOPE ABOVE CUNNINGHAM AVENUE.

Threat: THREATENED BY HUMAN ENCROACHMENT AND VEHICLES.

General: 1 ADULT OBSERVED PERCHED NEAR BURROW ON 5, 13-15 JUL 2004.

Owner/Manager: LAKE CUNNINGHAM PARK

Balsamorhiza macrolepis var. macrolepis

big-scale balsamroot

Element Code: PDAST11061

| | | |
|---------------|---------------------------|--------------------|
| Status | NDDB Element Ranks | Other Lists |
| Federal: None | Global: G3G4T2 | CNPS List: 1B |
| State: None | State: S2.2 | R-E-D Code: 2-2-3 |

Habitat Associations

General: VALLEY AND FOOTHILL GRASSLAND, CISMONTANE WOODLAND.
Micro: SOMETIMES ON SERPENTINE. 35-1000M.

| | | | |
|---|-------------------------|------------------------|--|
| Occurrence No. 21 | Map Index: 53396 | EO Index: 53396 | Dates Last Seen |
| Occ Rank: None | | | Element: 1999-04-14 |
| Origin: Natural/Native occurrence | | | Site: 1999-04-14 |
| Presence: Extirpated | | | |
| Trend: Unknown | | | Record Last Updated: 2003-11-20 |
| Main Source: DILWORTH, A. 1999 (OBS) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D)

County Summary: SANTA CLARA

| | |
|--|----------------------|
| Lat/Long: 37.29408° / -121.80666° | Township: 07S |
| UTM: Zone-10 N4128164 E605769 | Range: 01E |
| Radius: 80 meters | Section: 25 |
| Elevation: 300 ft | Meridian: M |
| Mapping Precision: SPECIFIC | Qtr: SE |
| Symbol Type: POINT | |

Location: EAST OF COYOTE CREEK. 0.85 MILE SE OF THE CAPITAL EXPRESSWAY & HIGHWAY 101 INTERCHANGE, SAN JOSE
Location Detail: ABOUT 0.3 MILE NNW OF RADIO TOWER, ON HILL SOUTH OF SILVER CREEK JUST EAST OF HIGHWAY 101.

Ecological: GROWING IN NON-NATIVE GRASSLAND OVER SERPENTINE SUBSTRATE, ON NORTHWEST FACING 50% SLOPE. ASSOCIATES INCLUDE PHACELIA SPP., ESCHSCHOLZIA CALIFORNICA, SCROPHULARIA CALIFORNICA, AND TRITELEIA LAXA IN ADDITION TO AVENA SPP. AND BROMUS SPP.

Threat: GRADING AND SUBSEQUENT DEVELOPMENT.

General: 5 PLANTS SEEN IN 1999. GRADING AND DEVELOPMENT BEGUN BY EARLY 2001. PLANTS SUPPOSEDLY REMOVED BY CNPS STAFF PRIOR TO COMMENCEMENT OF WORK ACCORDING TO DILWORTH.

Owner/Manager: PVT

Centromadia parryi ssp. congdonii

Congdon's tarplant

Element Code: PDAST4R0P1

_____ Status _____

_____ NDDB Element Ranks _____

_____ Other Lists _____

Federal: None

Global: G4?T3

CNPS List: 1B

State: None

State: S3.2

R-E-D Code: 2-2-3

_____ Habitat Associations _____

General: VALLEY AND FOOTHILL GRASSLAND.

Micro: ALKALINE SOILS, SOMETIMES DESCRIBED AS HEAVY WHITE CLAY. 1-230M.

Occurrence No. 40

Map Index: 42346

EO Index: 42346

_____ Dates Last Seen _____

Occ Rank: None

Element: 1908-09-19

Origin: Natural/Native occurrence

Site: 1998-10-04

Presence: Extirpated

Trend: Unknown

Record Last Updated: 2000-02-07

Main Source: PRESTON, R. 1998 (OBS)

Quad Summary: SANTA TERESA HILLS (3712127/407A), LOS GATOS (3712128/407B), SAN JOSE EAST (3712137/427D), SAN JOSE WEST (3712138/427C), CALAVERAS RESERVOIR (3712147/427A), MILPITAS (3712148/427B)

County Summary: SANTA CLARA

Lat/Long: 37.31441° / -121.86207°

Township: 07S

UTM: Zone-10 N4130359 E600832

Range: 01E

Radius: 5 mile

Mapping PrecisionNON-SPECIFIC

Section: 21

Qtr: XX

Elevation: 100 ft

Symbol Type:POINT

Meridian: M

Location: EAST SAN JOSE.

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

Threat: URBAN RESIDENTIAL, COMMERCIAL, AND RETAIL DEVELOPMENT HAVE ELIMINATED APPROPRIATE HABITAT.

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

Owner/Manager: UNKNOWN

Chorizanthe robusta var. robusta

robust spineflower

Element Code: PDPGN040Q2

| | | |
|------------------------------------|-----------------------------|------------------------------------|
| Status | NDDB Element Ranks | Other Lists |
| Federal: Endangered State: None | Global: G2T1 State: S1.1 | CNPS List: 1B R-E-D Code: 3-3-3 |

Habitat Associations

General: CISMONTANE WOODLAND, COASTAL DUNES, COASTAL SCRUB.
Micro: SANDY TERRACES AND BLUFFS OR IN LOOSE SAND. 3-120M.

| | | | |
|--|-------------------------|------------------------|--|
| Occurrence No. 19 | Map Index: 37885 | EO Index: 41067 | Dates Last Seen |
| Occ Rank: None | | | Element: 1882-XX-XX |
| Origin: Natural/Native occurrence | | | Site: 1882-XX-XX |
| Presence: Possibly Extirpated | | | |
| Trend: Unknown | | | Record Last Updated: 1999-05-18 |
| Main Source: PARRY SN MO (HERB) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D), SAN JOSE WEST (3712138/427C), CALAVERAS RESERVOIR (3712147/427A), MILPITAS (3712148/427B)
County Summary: SANTA CLARA

| | |
|--|----------------------|
| Lat/Long: 37.33789° / -121.89131° | Township: 07S |
| UTM: Zone-10 N4132933 E598210 | Range: 01E |
| Radius: 5 mile | Section: 08 |
| Elevation: 85 ft | Meridian: M |
| Mapping Precision: NON-SPECIFIC | Qtr: XX |
| Symbol Type: POINT | |

Location: SAN JOSE.
Location Detail: EXACT LOCATION NOT KNOW; SITE MAPPED IN GENERAL VICINITY OF SAN JOSE.
General: ONLY SOURCE OF INFORMATION FOR THIS SITE IS 1882 COLLECTION BY PARRY. THIS SPECIMEN WAS NOT REVIEWED BY B. ERTTER ET AL. IN 1990.
Owner/Manager: UNKNOWN

Cirsium fontinale var. campylon

Mt. Hamilton thistle

Element Code: PDAST2E0F0

| | | |
|---------------|---------------------------|--------------------|
| Status | NDDB Element Ranks | Other Lists |
| Federal: None | Global: G2T2 | CNPS List: 1B |
| State: None | State: S2.2 | R-E-D Code: 2-2-3 |

Habitat Associations

General: CISMONTANE WOODLAND, CHAPARRAL, VALLEY AND FOOTHILL GRASSLAND.
Micro: IN SEASONAL AND PERENNIAL DRAINAGES ON SERPENTINE. 95-890M.

| | | | |
|--|-------------------------|-----------------------|--|
| Occurrence No. 22 | Map Index: 10525 | EO Index: 9145 | Dates Last Seen |
| Occ Rank: Good | | | Element: 2001-09-07 |
| Origin: Natural/Native occurrence | | | Site: 2001-09-07 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 2003-12-09 |
| Main Source: MONETTE, N. 1988 (OBS) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D)
County Summary: SANTA CLARA

| | |
|--|----------------------|
| Lat/Long: 37.28318° / -121.79907° | Township: 07S |
| UTM: Zone-10 N4126963 E606458 | Range: 02E |
| Area: 30.2 ac | Section: XX |
| Elevation: 480 ft | Meridian: M |
| Mapping Precision: SPECIFIC | Qtr: XX |
| Symbol Type: POLYGON | |

Location: HELLYER CANYON, E SIDE OF HIGHWAY 101; SOUTH OF SAN JOSE. ABOUT 2.0 MI NE OF EDENVALE.
Location Detail: MOST PLANTS IN CANYON, BUT SMALL CLUMP OF ABOUT 130 PLANTS LOCATED 1/4 MI S, NE OF IRRIGATION PUMPING STATION, ON GRASSY HILLSIDE.
Ecological: ON GRASSY HILLSIDE & IN SPRING-FED DRAINAGES ON SERPENTINE ALLUVIUM. W/SCIRPUS SP., COTULA CORONOPIFOLIA, MIMULUS GUTTATUS, JUNCUS SPP., POLYPOGON MONSPELIENSIS. NEAR OTHER RARE PLANTS: DUDLEYA SETCHELLII, S. ALBIDUS ALBIDUS, F. LILIACEA.
Threat: SURFACE OF THE SPRING-FED MARSH COMMUNITY IS BEING IMPACTED BY CATTLE USE. POTENTIAL DEVELOPMENT PENDING.
General: OVER 15,000 PLANTS SEEN IN 1988, OVER 18,000 IN 1992. ACCORDING TO THE CITY OF SAN JOSE, THIS SITE AND OCCURRENCE #44 HAD 22,420 PLANTS IN 1993 AND 3000 PLANTS IN 1998. 4500 PLANTS SEEN BY FRASER AT BOTH SITES IN 2001.

Owner/Manager: PVT

| | | | |
|--|-------------------------|-----------------------|--|
| Occurrence No. 43 | Map Index: 31114 | EO Index: 3357 | Dates Last Seen |
| Occ Rank: Good | | | Element: 1993-06-02 |
| Origin: Natural/Native occurrence | | | Site: 1993-06-02 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 1995-05-03 |
| Main Source: LITTLEFIELD, M. 1993 (OBS) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D)
County Summary: SANTA CLARA

| | |
|--|----------------------|
| Lat/Long: 37.27090° / -121.75670° | Township: 08S |
| UTM: Zone-10 N4125649 E610232 | Range: 02E |
| Area: 19.4 ac | Section: XX |
| Elevation: 550 ft | Meridian: M |
| Mapping Precision: SPECIFIC | Qtr: XX |
| Symbol Type: POLYGON | |

Location: SILVER CREEK VILLAGE, WETLAND MITIGATION SITE ADJACENT TO GOLF COURSE.
Location Detail: PLANTS NEAR HOLE NUMBER 14 (NAMED "WETLANDS").
Ecological: WETLAND AREA WITH MIMULUS, POLYPOGON MONSPELIENSIS, RUMEX CRISPUS.
General: 6 PLANTS IN 1993. SITE WAS GRADED IN 1990; THIS SITE APPARENTLY SET ASIDE AND PROTECTED(?). WHAT ARE EFFECTS OF NEARBY DEVELOPMENT?

Owner/Manager: PVT

Cirsium fontinale var. campylon

Mt. Hamilton thistle

Element Code: PDAST2E0F0

| | | |
|---------------|---------------------------|--------------------|
| Status | NDDB Element Ranks | Other Lists |
| Federal: None | Global: G2T2 | CNPS List: 1B |
| State: None | State: S2.2 | R-E-D Code: 2-2-3 |

Habitat Associations

General: CISMONTANE WOODLAND, CHAPARRAL, VALLEY AND FOOTHILL GRASSLAND.
Micro: IN SEASONAL AND PERENNIAL DRAINAGES ON SERPENTINE. 95-890M.

| | | | |
|---|-------------------------|-----------------------|--|
| Occurrence No. 44 | Map Index: 31113 | EO Index: 3358 | Dates Last Seen |
| Occ Rank: Good | | | Element: 2001-09-07 |
| Origin: Natural/Native occurrence | | | Site: 2001-09-07 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 2003-12-09 |
| Main Source: BOURSIER, P. 1992 (OBS) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D)

County Summary: SANTA CLARA

| | |
|--|----------------------|
| Lat/Long: 37.29017° / -121.78551° | Township: 07S |
| UTM: Zone-10 N4127753 E607650 | Range: 02E |
| Area: 16.7 ac | Section: XX |
| Elevation: 350 ft | Meridian: M |
| Mapping Precision: SPECIFIC | Qtr: XX |
| Symbol Type: POLYGON | |

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

Location Detail: SEVERAL CLUMPS OF PLANTS; MAPPED AS 3 POLYGONS.

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

Threat: POTENTIAL DEVELOPMENT PENDING.

General: TOTAL OF APPROX 4500 PLANTS IN 1992. ACCORDING TO THE CITY OF SAN JOSE, THIS SITE AND OCCURRENCE #22 HAD 22,420 PLANTS IN 1993 AND 3000 PLANTS IN 1998. 4500 PLANTS SEEN BY FRASER AT BOTH SITES IN 2001.

Owner/Manager: PVT

Collinsia multicolor

San Francisco collinsia

Element Code: PDSCR0H0B0

| | | |
|--------------------|--------------------|-------------------------|
| _____ Status _____ | NDDB Element Ranks | _____ Other Lists _____ |
| Federal: None | Global: G2 | CNPS List: 1B |
| State: None | State: S2.2 | R-E-D Code: 2-2-3 |

_____ Habitat Associations _____

General: CLOSED-CONE CONIFEROUS FOREST, COASTAL SCRUB.
 Micro: ON DECOMPOSED SHALE (MUDSTONE) MIXED WITH HUMUS. 30-250M.

| | | | |
|------------------------------------|------------------|-----------------|---------------------------------|
| Occurrence No. 2 | Map Index: 56836 | EO Index: 56852 | _____ Dates Last Seen _____ |
| Occ Rank: Unknown | | | Element: XXXX-XX-XX |
| Origin: Natural/Native occurrence | | | Site: XXXX-XX-XX |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 2004-09-20 |
| Main Source: THOMAS, J. 1961 (LIT) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D)
 County Summary: SANTA CLARA

| | |
|-----------------------------------|---------------|
| Lat/Long: 37.26551° / -121.81802° | Township: 08S |
| UTM: Zone-10 N4124981 E604802 | Range: 01E |
| Radius: 4/5 mile | Section: 01 |
| Elevation: 200 ft | Meridian: M |
| Mapping Precision: NON-SPECIFIC | Qtr: XX |
| Symbol Type: POINT | |

Location: EDENVALE.
 Location Detail: EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS BY CNDDDB, IN THE VICINITY OF EDENVALE, NEAR SAN JOSE.
 General: ONLY INFORMATION FOR THIS SITE IS REFERENCE IN 1961 "A FLORA OF THE SANTA CRUZ MOUNTAINS OF CALIFORNIA". UNKNOWN DATE OF SITE VISIT. NEEDS FIELDWORK.
 Owner/Manager: UNKNOWN

Dudleya setchellii

Santa Clara Valley dudleya

Element Code: PDCRA040AC

| | | |
|---------------------|---------------------------|--------------------|
| Status | NDDB Element Ranks | Other Lists |
| Federal: Endangered | Global: G1 | CNPS List: 1B |
| State: None | State: S1.1 | R-E-D Code: 3-3-3 |

Habitat Associations

General: VALLEY AND FOOTHILL GRASSLAND, CISMONTANE WOODLAND.
Micro: ON ROCKY SERPENTINE OUTCROPS AND ON ROCKS WITHIN GRASSLAND OR WOODLAND. 80-335M.

| | | | |
|---|-------------------------|------------------------|--|
| Occurrence No. 7 | Map Index: 20912 | EO Index: 27281 | Dates Last Seen |
| Occ Rank: Good | | | Element: 2001-03-28 |
| Origin: Natural/Native occurrence | | | Site: 2001-03-28 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 2003-12-08 |
| Main Source: BOURSIER, P. 1992 (OBS) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D)
County Summary: SANTA CLARA

| | |
|--|----------------------|
| Lat/Long: 37.28643° / -121.79324° | Township: 07S |
| UTM: Zone-10 N4127330 E606970 | Range: 02E |
| Area: 182.7 ac | Section: 31 |
| Elevation: 600 ft | Meridian: M |
| Mapping Precision: SPECIFIC | Qtr: XX |
| Symbol Type: POLYGON | |

Location: RIDGE BETWEEN BAYSHORE HIGHWAY (HWY 101) AND SILVER CREEK ROAD, 1.2-2.3 MILES SOUTH OF ABORN ROAD, SE END OF SAN JOSE.
Location Detail: NUMEROUS COLONIES MAPPED ALONG NW END OF RIDGE. PROPOSED CERRA PLATA DEVELOPMENT SITE. BAY CHECKERSPOT BUTTERFLY ALSO FOUND HERE.
Ecological: IN WEATHERED SERPENTINE ROCKS W/AVENA FATUA, A. BARBATA, BROMUS MOLLIS, B. DIANDRUS, NASSELLA PULCHRA, POA SCABRELLA, AND CALOCHORTUS VENUSTUS. OTHER RARE PLANTS IN AREA: STREPTANTHUS ALBIDUS ALBIDUS, CIRSIUM CAMPYLON, FRITILLARIA LILIACEA.
Threat: PROPOSED HOUSING DEVELOPMENT, SOME GRAZING ALSO.
General: OVER 20,000 PLANTS IN 1992 AND 1998. 1997 RECOVERY WORKSHOP PARTICIPANTS RECALLED THAT CERRA PLATA EIR STATED APPROX 20,640 PLANTS HERE, 2380 TO BE DESTROYED BY DEVELOPMENT. 25,375 PLANTS SEEN IN 2001.

Owner/Manager: PVT

| | | | |
|--|-------------------------|------------------------|--|
| Occurrence No. 8 | Map Index: 20911 | EO Index: 22303 | Dates Last Seen |
| Occ Rank: Good | | | Element: 1992-04-06 |
| Origin: Natural/Native occurrence | | | Site: 1992-04-06 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 1998-04-10 |
| Main Source: KELCH, D. 1990 (OBS) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D)
County Summary: SANTA CLARA

| | |
|--|----------------------|
| Lat/Long: 37.28269° / -121.85633° | Township: 07S |
| UTM: Zone-10 N4126845 E601383 | Range: 01E |
| Area: 27.6 ac | Section: XX |
| Elevation: 300 ft | Meridian: M |
| Mapping Precision: SPECIFIC | Qtr: XX |
| Symbol Type: POLYGON | |

Location: COMMUNICATIONS HILL, SOUTHEAST OF END OF CANOAS GARDEN AVE AND NORTH OF HILLSDALE AVE, SOUTHEAST END OF SAN JOSE.
Location Detail: NEAR WATER STORAGE TANKS.
Ecological: ON SERPENTINE OUTCROPS WITHIN SERPENTINE GRASSLAND. ON W TO SE-FACING SLOPES WITH NASSELLA PULCHRA, LOLIUM SP., PHACELIA SP., AND ESCHSCHOLZIA CALIFORNICA. TIGER SALAMANDER ALSO HERE.
Threat: THREATENED BY DEVELOPMENT AND QUARRY EXPANSION (AZEVEDO QUARRY).
General: ABOUT 50 PLANTS SEEN IN 1990, 1750 IN 1992 IN A LARGER AREA.

Owner/Manager: PVT

Dudleya setchellii

Santa Clara Valley dudleya

Element Code: PDCRA040AC

| | | |
|---------------------|---------------------------|--------------------|
| Status | NDDB Element Ranks | Other Lists |
| Federal: Endangered | Global: G1 | CNPS List: 1B |
| State: None | State: S1.1 | R-E-D Code: 3-3-3 |

Habitat Associations

General: VALLEY AND FOOTHILL GRASSLAND, CISMONTANE WOODLAND.
Micro: ON ROCKY SERPENTINE OUTCROPS AND ON ROCKS WITHIN GRASSLAND OR WOODLAND. 80-335M.

| | | | |
|--|-------------------------|------------------------|--|
| Occurrence No. 12 | Map Index: 21226 | EO Index: 26475 | Dates Last Seen |
| Occ Rank: Good | | | Element: 1996-05-29 |
| Origin: Natural/Native occurrence | | | Site: 1996-05-29 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 1998-04-10 |
| Main Source: HICKSON, D. 1991 (OBS) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D)
County Summary: SANTA CLARA

| | |
|--|----------------------|
| Lat/Long: 37.27532° / -121.82512° | Township: 07S |
| UTM: Zone-10 N4126061 E604160 | Range: 01E |
| Area: 12.4 ac | Section: XX |
| Elevation: 270 ft | Meridian: M |
| Mapping Precision: SPECIFIC | Qtr: XX |
| Symbol Type: POLYGON | |

Location: NORTH OF DANNA ROCK PARK, 0.7 MILE SOUTHEAST OF JUNCTION OF MONTEREY HIGHWAY AND CAPITOL EXPRESSWAY, SAN JOSE.
Location Detail: VALLEY CHRISTIAN SCHOOL SITE. MAPPED SOUTH OF SENTER ROAD, EAST OF JUNCTION WITH MONTEREY ROAD (HWY 82).
Ecological: ON RIDGE ON SERPENTINE ROCK OUTCROPS AND GRASSLAND ON N- AND S-FACING SLOPES WITH STREPTANTHUS ALBIDUS ALBIDUS AND ERIOGONUM CANINUM.
Threat: POSSIBLE DEVELOPMENT FOR SCHOOL.
General: 1836 PLANTS SEEN IN 1991, 8449 PLANTS IN 1996.
Owner/Manager: PVT-VALLEY CHRISTIAN SCHOOL

| | | | |
|---|-------------------------|------------------------|--|
| Occurrence No. 28 | Map Index: 41782 | EO Index: 41782 | Dates Last Seen |
| Occ Rank: Poor | | | Element: 2000-05-10 |
| Origin: Natural/Native occurrence | | | Site: 2000-05-10 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 2000-11-17 |
| Main Source: BOURSIER, P. 1998 (OBS) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D)
County Summary: SANTA CLARA

| | |
|--|----------------------|
| Lat/Long: 37.28197° / -121.86901° | Township: 07S |
| UTM: Zone-10 N4126752 E600259 | Range: 01E |
| Area: 11.2 ac | Section: 33 |
| Elevation: 250 ft | Meridian: M |
| Mapping Precision: SPECIFIC | Qtr: XX |
| Symbol Type: POLYGON | |

Location: HILLS SOUTHWEST OF SANTA CLARA COUNTY FAIRGROUNDS, BETWEEN CANOAS GARDEN AVE AND HILLSDALE AVE, SAN JOSE.
Location Detail: 2 COLONIES ON TOP & SOUTHERN SLOPE OF HILL JUST WEST OF HWY 87. N COLONY BETWEEN SENIOR APARTMENT HOUSING PARKING LOT AND CALTRANS RIGHT-OF-WAY AT TOP OF CUT SLOPE ADJACENT TO HWY 87. S COLONY 1500 FT NW OF JCT OF HILLSDALE & NARVAIS ROADS.
Ecological: GROWING AMONG SERPENTINE ROCK OUTCROPS WITHIN REMNANT SERPENTINE GRASSLAND COMMUNITY. ASSOCIATES INCLUDE AVENA, BROMUS HORDEACEUS, ESCHSCHOLZIA CALIFORNICA, CHLOROGALUM, AND PLANTAGO ERECTA. MONTARA SERIES SOILS.
Threat: SOUTH COLONY PROPOSED FOR DEVELOPMENT; SLOPES AT SOUTH END OF NORTH COLONY DEVELOPED. CONDOMINIUM CONSTRUCTION IN AREA.
General: 1762 PLANTS OBSERVED IN SOUTH COLONY IN 1997, 45 PLANTS IN NORTH COLONY IN 1998. ABOUT 35 PLANTS OBSERVED AT NORTH COLONY IN 2000. N COLONY BASICALLY AT TOP OF HWY CUTSLOPE.
Owner/Manager: SAN JOSE WATER CO, UNKNOWN

Dudleya setchellii

Santa Clara Valley dudleya

Element Code: PDCRA040AC

Status

NDDB Element Ranks

Other Lists

Federal: Endangered

Global: G1

CNPS List: 1B

State: None

State: S1.1

R-E-D Code: 3-3-3

Habitat Associations

General: VALLEY AND FOOTHILL GRASSLAND, CISMONTANE WOODLAND.

Micro: ON ROCKY SERPENTINE OUTCROPS AND ON ROCKS WITHIN GRASSLAND OR WOODLAND. 80-335M.

Occurrence No. 38

Map Index: 44492

EO Index: 44492

Dates Last Seen

Occ Rank: Unknown

Element: 1998-XX-XX

Origin: Natural/Native occurrence

Site: 1998-XX-XX

Presence: Presumed Extant

Trend: Unknown

Record Last Updated: 2000-12-08

Main Source: HARVEY AND ASSOCIATES 2000 (LIT)

Quad Summary: SAN JOSE EAST (3712137/427D)

County Summary: SANTA CLARA

Lat/Long: 37.26123° / -121.78025°

Township: 08S

UTM: Zone-10 N4124549 E608158

Range: 02E

Radius: 1/5 mile

Mapping PrecisionNON-SPECIFIC

Section: 05

Qtr: XX

Elevation:

Symbol Type:POINT

Meridian: M

Location: JUST WEST OF NEW NORTH ALMADEN MINE, SOUTH OF SILVER CREEK, EAST OF HIGHWAY 101, SAN JOSE.

Ecological: ON MONTARA ROCKY CLAY LOAM SOILS, 15-30% SLOPES, ERODED.

General: 250 PLANTS OBSERVED IN 1998. ONLY SOURCE OF INFORMATION FOR THIS SITE IS HARVEY AND ASSOCIATES REPORT FROM 2000. NEEDS FIELDWORK.

Owner/Manager: UNKNOWN

Emys (=Clemmys) marmorata

western pond turtle

Element Code: ARAAD02030

| | | |
|---------------|---------------------------|--------------------|
| Status | NDDB Element Ranks | Other Lists |
| Federal: None | Global: G3G4 | CDFG Status: SC |
| State: None | State: S3 | |

Habitat Associations

General: A THOROUGHLY AQUATIC TURTLE OF PONDS, MARSHES, RIVERS, STREAMS & IRRIGATION DITCHES WITH AQUATIC VEGETATION.
Micro: NEED BASKING SITES AND SUITABLE (SANDY BANKS OR GRASSY OPEN FIELDS) UPLAND HABITAT FOR EGG-LAYING.

| | | | |
|---|-------------------------|------------------------|--|
| Occurrence No. 176 | Map Index: 44338 | EO Index: 44338 | Dates Last Seen |
| Occ Rank: Unknown | | | Element: 1998-03-25 |
| Origin: Natural/Native occurrence | | | Site: 1998-03-25 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 2000-11-16 |
| Main Source: PADLEY, W. 1998 (OBS) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D)
County Summary: SANTA CLARA

| | |
|--|----------------------|
| Lat/Long: 37.36513° / -121.85482° | Township: 06S |
| UTM: Zone-10 N4135994 E601406 | Range: 01E |
| Area: 19.2 ac | Section: 34 |
| Elevation: 100 ft | Meridian: M |
| Mapping Precision: NON-SPECIFIC | Qtr: XX |
| Symbol Type: POLYGON | |

Location: OVERFELT PERCOLATION PONDS, OVERFELT GARDENS, CORNER OF MCGEE RD & EDUCATIONAL PARK DR, 0.5 MILE SW OF I-680, SAN JOSE.
Location Detail: MAPPED ALL THE PONDS SINCE THE FORM IDENTIFIED THE PONDS AS "1, 2, 3" AND THE MAP LABELED THE PONDS AS "A, B, C".

Ecological: PERCOLATION PONDS
General: 2 OBSERVED IN POND 3, 1998.
Owner/Manager: SCL COUNTY

| | | | |
|--|-------------------------|------------------------|--|
| Occurrence No. 189 | Map Index: 46405 | EO Index: 46405 | Dates Last Seen |
| Occ Rank: Good | | | Element: 2001-09-06 |
| Origin: Natural/Native occurrence | | | Site: 2001-09-06 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 2001-11-06 |
| Main Source: TRUEBLOOD, M. 2001 (OBS) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D)
County Summary: SANTA CLARA

| | |
|--|----------------------|
| Lat/Long: 37.28319° / -121.81430° | Township: 07S |
| UTM: Zone-10 N4126947 E605108 | Range: 01E |
| Radius: 80 meters | Section: 36 |
| Elevation: 175 ft | Meridian: M |
| Mapping Precision: SPECIFIC | Qtr: XX |
| Symbol Type: POINT | |

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

Euphydryas editha bayensis

Bay checkerspot butterfly

Element Code: IILEPK4055

Status

NDDB Element Ranks

Other Lists

Federal: Threatened

Global: G5T1

CDFG Status:

State: None

State: S1

Habitat Associations

General: RESTRICTED TO NATIVE GRASSLANDS ON OUTCROPS OF SERPENTINE SOIL IN THE VICINITY OF SAN FRANCISCO BAY.

Micro: PLANTAGO ERECTA IS THE PRIMARY HOST PLANT; ORTHOCARPUS DENSIFLORUS & O. PURPURSCENS ARE THE SECONDARY HOST PLANTS.

Occurrence No. 13

Map Index: 38615

EO Index: 33622

Dates Last Seen

Occ Rank: Good

Element: 1999-04-30

Origin: Natural/Native occurrence

Site: 1999-04-30

Presence: Presumed Extant

Trend: Unknown

Record Last Updated: 1999-09-20

Main Source: LAUNER, A. 1997 (OBS)

Quad Summary: SAN JOSE EAST (3712137/427D)

County Summary: SANTA CLARA

Lat/Long: 37.28802° / -121.79364°

Township: 07S

UTM: Zone-10 N4127506 E606933

Range: 02E

Area: 795.4 ac

Mapping Precision: NON-SPECIFIC

Section: 31

Qtr: XX

Elevation: 600 ft

Symbol Type: POLYGON

Meridian: M

Location: "SILVER CREEK HILLS" SITE, BETWEEN SILVER CREEK AND HWY 101, SE EDGE OF SAN JOSE.

Location Detail: POPULATION THOUGHT EXTIRPATED IN 1977 DUE TO GRAZING AND SEVERE DROUGHT.

Ecological: HABITAT CONSISTS OF SERPENTINE GRASSLAND, WITH ROCK OUTCROPS AND SOME SEEPS. HABITAT QUALITY VARIES FROM GOOD TO SEVERELY DEGRADED. OTHER RARE TAXA THAT OCCUR HERE INCLUDE ADELA OPLERELLA, DUDLEYA SETCHELLII, AND CIRCIUM CAMPYLON.

Threat: THREATENED BY DEVELOPMENT AND COMPETITION FROM NON-NATIVE GRASSES.

General: ADULTS IN THE LOW 10K'S OBSERVED IN 1993. 22,500 ADULTS PRESENT IN 1994. 950 LARVAE PRESENT IN 1995. 3 ADULTS OBSERVED BETWEEN 18 FEB-MAY 1997 (10+ VISITS). 0 ADULTS OBSERVED IN 1998. 5 ADULTS OBSERVED IN 1999.

Owner/Manager: PVT

Fritillaria liliacea

fragrant fritillary

Element Code: PMLILOV0C0

| | | |
|------------------------------|---------------------------|------------------------------------|
| Status | NDDB Element Ranks | Other Lists |
| Federal: None State: None | Global: G2 State: S2.2 | CNPS List: 1B R-E-D Code: 2-2-3 |

Habitat Associations

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.: 32 | Map Index: 25034 | EO Index: 6266 | Dates Last Seen |
| Occ Rank: Good | | | Element: 2001-03-03 |
| Origin: Natural/Native occurrence | | | Site: 2001-03-03 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 2003-06-17 |
| Main Source: RANKIN, G. 1992 (OBS) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D)

County Summary: SANTA CLARA

| | |
|--|----------------------|
| Lat/Long: 37.28587° / -121.78853° | Township: 07S |
| UTM: Zone-10 N4127273 E607389 | Range: 02E |
| Area: 14.7 ac | Section: 31 |
| Elevation: 650 ft | Meridian: M |
| | Qtr: NE |
| Mapping Precision: SPECIFIC | |
| Symbol Type: POLYGON | |

Location: 2.5 KM (1.5 MI) SOUTH OF THE TOWN OF EVERGREEN. EAST OF SAN JOSE.

Location Detail: TWO COLONIES MAPPED; ONE 100 M NORTH OF "819" HILL TOP, THE SECOND IS APPROX. 500 METERS NORTHWEST OF THE FIRST.

Ecological: HABITAT DESCRIBED AS "NON-NATIVE SERPENTINE GRASSLAND" DOMINATED BY AVENA BARBATA AND BROMUS MOLLIS. ASSOCIATES INCLUDE NASSELLA PULCHRA, POA SCABRELLA, DUDLEYA SETCHELLII, CIRSIUM CAMPYLON, AND STREPTANTHUS ALBIDUS SSP. ALBIDUS.

Threat: SITE WAS PREVIOUSLY GRAZED AND IS NOW PENDING DEVELOPMENT.

General: SITE QUALITY DESCRIBED AS EXCELLENT, BUT CNDDDB RANK IS "B" DUE TO NONNATIVE CHARACTER OF NATURAL COMMUNITY. N COLONY VISITED IN 2001, 3 INDIVIDUALS OBS. PER GREER, N COLONY HAD 185 PLANTS IN 1993, 76 IN 1998 & 8 PLANTS IN 2000.

Owner/Manager: PVT

Lasthenia conjugens

Contra Costa goldfields

Element Code: PDAST5L040

Status

NDDB Element Ranks

Other Lists

Federal: Endangered

Global: G1

CNPS List: 1B

State: None

State: S1.1

R-E-D Code: 3-3-3

Habitat Associations

General: VALLEY AND FOOTHILL GRASSLAND, VERNAL POOLS, CISMONTANE WOODLAND. EXTIRPATED FROM MOST OF ITS RANGE; EXTREM. ENDANGERED.

Micro: VERNAL POOLS, SWALES, LOW DEPRESSIONS, IN OPEN GRASSY AREAS. 1-445M.

Occurrence No. 14

Map Index: 10426

EO Index: 16730

Dates Last Seen

Occ Rank: None

Element: 1958-03-23

Origin: Natural/Native occurrence

Site: 1958-03-23

Presence: Extirpated

Trend: Unknown

Record Last Updated: 2000-03-06

Main Source: ORNDUFF, ROBERT #4812 UC (HERB)

Quad Summary: SAN JOSE EAST (3712137/427D)

County Summary: SANTA CLARA

Lat/Long: 37.34466° / -121.82412°

Township: 99X

UTM: Zone-10 N4133756 E604153

Range: 99X

Radius: 1/5 mile

Mapping PrecisionNON-SPECIFIC

Section: XX

Qtr: XX

Elevation: 110 ft

Symbol Type:POINT

Meridian: M

Location: WEST OF CAPITOL AVE AT JUNCTION WITH CORNWALL STREET, EAST OF HIGHWAY 101, SAN JOSE.

Location Detail: BETWEEN CORNWALL STREET AND POWER LINES, FOSTER VILLAGE.

Ecological: EXTREMELY LARGE PLANTS IN PASTURE. IN WATER AND SLIMY CLAY ASSOCIATED WITH LEPIDIUM CALIFORNICUM AND COTULA.

Threat: AREA NOW HIGHLY MODIFIED AND DEVELOPED. PLANTS PRESUMED EXTIRPATED.

General: INCLUDES FORMER OCCURRENCE #15, KNOWN FROM "SAN JOSE".

Owner/Manager: PVT

Malacothamnus arcuatus

arcuate bush mallow

Element Code: PDMAL0Q0E0

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G2Q

CNPS List: 1B

State: None

State: S2.2

R-E-D Code: 2-2-3

Habitat Associations

General: CHAPARRAL.

Micro: GRAVELLY ALLUVIUM. 80-355M.

Occurrence No. 23

Map Index: 28363

EO Index: 56207

Dates Last Seen

Occ Rank: None

Element: 1961-XX-XX

Origin: Natural/Native occurrence

Site: 1961-XX-XX

Presence: Possibly Extirpated

Trend: Unknown

Record Last Updated: 2004-07-23

Main Source: THOMAS, J.

Quad Summary: SAN JOSE WEST (3712138/427C)

County Summary: SANTA CLARA

Lat/Long: 37.34871° / -121.94696°

Township: 07S

UTM: Zone-10 N4134077 E593267

Range: 01W

Radius: 1 mile

Mapping PrecisionNON-SPECIFIC

Section: 02

Qtr: XX

Elevation: 80 ft

Symbol Type:POINT

Meridian: M

Location: SANTA CLARA.

Location Detail: EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS BY CNDDDB, IN THE VICINITY OF DOWNTOWN SANTA CLARA.

General: ONLY INFORMATION FOR THIS SITE IS REFERENCE BY THOMAS IN 1961 FLORA OF THE SANTA CRUZ MOUNTAINS OF CALIFORNIA. PLANTS POSSIBLY EXTIRPATED DUE TO DEVELOPMENT IN AREA. NEEDS FIELDWORK.

Owner/Manager: CITY OF SANTA CLARA

Malacothamnus hallii

Hall's bush mallow

Element Code: PDMAL0Q0F0

| | | |
|------------------------------|----------------------------|------------------------------------|
| Status | NDDB Element Ranks | Other Lists |
| Federal: None State: None | Global: G1Q State: S1.2 | CNPS List: 1B R-E-D Code: 3-2-3 |

Habitat Associations
 General: CHAPARRAL.
 Micro: SOME POPULATIONS ON SERPENTINE. 10-550M.

| | | | |
|---|-------------------------|------------------------|--|
| Occurrence No. 8 | Map Index: 38615 | EO Index: 30516 | Dates Last Seen |
| Occ Rank: Good | | | Element: 2001-05-01 |
| Origin: Natural/Native occurrence | | | Site: 2001-05-01 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 2003-07-16 |
| Main Source: CLEARY, B. 1998 (OBS) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D)
County Summary: SANTA CLARA

| | |
|--|----------------------|
| Lat/Long: 37.28802° / -121.79364° | Township: 07S |
| UTM: Zone-10 N4127506 E606933 | Range: 02E |
| Area: 795.4 ac | Section: 31 |
| Elevation: 600 ft | Meridian: M |
| Mapping Precision: NON-SPECIFIC | Qtr: XX |
| Symbol Type: POLYGON | |

Location: CERRO PLATO, "SILVER CREEK HILLS" BETWEEN SILVER CREEK AND HIGHWAY 101, SOUTHEAST EDGE OF SAN JOSE.
Ecological: DIABLAN SAGE SCRUB.
Threat: HOUSING DEVELOPMENT IN VICINITY.
General: 50-100 PLANTS OBSERVED IN 1998, PLANTS OBS IN 2001. 1953 COLLECTIONS BY HOWELL FROM SOUTH OF EVERGREEN ATTRIBUTED TO THIS SITE. THE RARE STREPTANTHUS ALBIDUS ALBIDUS AND DUDLEYA SETCHELLII ALSO OCCUR AT THIS SITE.
Owner/Manager: PVT

| | | | |
|--|-------------------------|------------------------|--|
| Occurrence No. 9 | Map Index: 28970 | EO Index: 30509 | Dates Last Seen |
| Occ Rank: None | | | Element: 1976-10-20 |
| Origin: Natural/Native occurrence | | | Site: 1993-07-24 |
| Presence: Possibly Extirpated | | | |
| Trend: Unknown | | | Record Last Updated: 1997-03-19 |
| Main Source: PATTON, K.D SN SJSO #8541 (HERB) | | | |

Quad Summary: SAN JOSE WEST (3712138/427C)
County Summary: SANTA CLARA

| | |
|--|----------------------|
| Lat/Long: 37.35508° / -121.91338° | Township: 07S |
| UTM: Zone-10 N4134817 E596232 | Range: 01E |
| Radius: 1/5 mile | Section: XX |
| Elevation: 40 ft | Meridian: M |
| Mapping Precision: NON-SPECIFIC | Qtr: XX |
| Symbol Type: POINT | |

Location: EAST SIDE OF GUADALUPE CREEK JUST NORTH OF HIGHWAY 17, SAN JOSE.
Location Detail: 25 YARDS EAST OF THE CREEK AND 200 YARDS NORTH OF THE HIGHWAY.
Ecological: OBSERVED IN 1976 WITH BACCHARIS AND WEEDY FORBS. IN 1993 SITE VEGETATED WITH BACCHARIS, TYPHA, CAREX, POPULUS FREMONTII, AND WEEDY FORBS. DISTURBED CREEKBED WITH LEVEES BUILT UP ON BOTH SIDES.
Threat: WORK ASSOCIATED WITH CREEK CHANNEL, LEVEES, ETC. MAY HAVE IMPACTED THIS SITE.
General: CHANDIK SEARCHED THIS AREA IN 1993 BUT NO MALACOTHAMNUS WERE OBSERVED.
Owner/Manager: UNKNOWN

Microcina homi

Hom's micro-blind harvestman

Element Code: ILARA47020

----- Status ----- NDDB Element Ranks ----- Other Lists -----
 Federal: None Global: G1 CDFG Status:
 State: None State: S1

Habitat Associations

General: KNOWN ONLY FROM SANTA CLARA COUNTY IN XERIC HABITATS.

Micro: KNOWN ONLY FROM SERPENTINE ROCKS IN GRASSLAND HABITATS

Occurrence No. 3 Map Index: 58583 EO Index: 58619 Dates Last Seen -----
 Occ Rank: Unknown Element: 1966-02-27
 Origin: Natural/Native occurrence Site: 1966-02-27
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2004-12-14
 Main Source: BRIGGS, T.S. AND D. UBICK 1989 (LIT)

Quad Summary: SAN JOSE EAST (3712137/427D)

County Summary: SANTA CLARA

Lat/Long: 37.27354^o / -121.76090^o Township: 08S
 UTM: Zone-10 N4125938 E609855 Range: 02E
 Area: 27.7 ac Mapping PrecisionNON-SPECIFIC Section: 04 Qtr: XX
 Elevation: 460 ft Symbol Type:POLYGON Meridian: M

Location: SAN JOSE, WEST SIDE OF SILVER CREEK RD, 5 MILES SE OF TULLY ROAD.

Location Detail: 7 MALES & 3 FEMALES COLLECTED FROM MARSHY SLOPE ON WEST SIDE OF SILVER CREEK RD. LOCATION GIVEN AS "5 MILES SW OF TULLY"
 MAY BE FROM THIS LOCALITY W/ ERRONEOUS LABEL DATA OR TYPO IN ARTICLE.

General: 2 MALE, 12 FEMALE PARATYPES COLLECTED BY BRIGGS & HOM, DEPOSITED IN CAS. FOUND WITH SITALCINA SERPENTINEA UNDER THE
 SAME ROCKS. THIS POPULATION WAS ORIGINALLY CONSIDERED TO BE CALICINA MINOR.

Owner/Manager:

Plagiobothrys glaber

hairless popcorn-flower

Element Code: PDBOR0V0B0

| | | |
|--------------------|--------------------|-------------------------|
| _____ Status _____ | NDDB Element Ranks | _____ Other Lists _____ |
| Federal: None | Global: GH | CNPS List: 1A |
| State: None | State: SH | R-E-D Code: * |

_____ Habitat Associations _____

General: MEADOWS AND SEEPS, MARSHES AND SWAMPS.
 Micro: COASTAL SALT MARSHES AND ALKALINE MEADOWS. 5-180M.

| | | | |
|--|------------------|-----------------|---------------------------------|
| Occurrence No. 3 | Map Index: 28364 | EO Index: 22576 | _____ Dates Last Seen _____ |
| Occ Rank: Unknown | | | Element: 1955-06-02 |
| Origin: Natural/Native occurrence | | | Site: 1955-06-02 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 1996-10-18 |
| Main Source: THOMAS & THOMAS #4799 DS (HERB) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D)
 County Summary: SANTA CLARA

| | |
|-----------------------------------|---------------|
| Lat/Long: 37.33615° / -121.84842° | Township: 07S |
| UTM: Zone-10 N4132785 E602012 | Range: 01E |
| Radius: 1 mile | Section: XX |
| Elevation: 110 ft | Meridian: M |
| Mapping Precision: NON-SPECIFIC | Qtr: XX |
| Symbol Type: POINT | |

Location: NEAR INTERSECTION OF STORY ROAD AND BAYSHORE FREEWAY, ABOUT 3 MILES FROM CENTER OF SAN JOSE.
 Ecological: PASTURE. HEAVY CLAY SOIL.
 General: ONLY SOURCE OF INFORMATION FOR THIS SITE IS 1955 COLLECTION BY H.A. AND J.H. THOMAS. A. DAY SUGGESTS THIS COLLECTION MAY BE A MISIDENTIFICATION.
 Owner/Manager: UNKNOWN

| | | | |
|---|------------------|-----------------|---------------------------------|
| Occurrence No. 4 | Map Index: 28363 | EO Index: 29537 | _____ Dates Last Seen _____ |
| Occ Rank: Unknown | | | Element: 1892-XX-XX |
| Origin: Natural/Native occurrence | | | Site: 1892-XX-XX |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 1996-10-09 |
| Main Source: MICHENER & BIOLETTI SN UC (HERB) | | | |

Quad Summary: SAN JOSE WEST (3712138/427C)
 County Summary: SANTA CLARA

| | |
|-----------------------------------|---------------|
| Lat/Long: 37.34871° / -121.94696° | Township: 07S |
| UTM: Zone-10 N4134077 E593267 | Range: 01W |
| Radius: 1 mile | Section: 02 |
| Elevation: 80 ft | Meridian: M |
| Mapping Precision: NON-SPECIFIC | Qtr: XX |
| Symbol Type: POINT | |

Location: SANTA CLARA.
 General: ONLY SOURCE OF INFORMATION FOR THIS SITE IS 1892 COLLECTION BY MICHENER AND BIOLETTI.
 Owner/Manager: UNKNOWN

Streptanthus albidus ssp. albidus

Metcalf Canyon jewel-flower

Element Code: PDBRA2G011

| | | |
|------------------------------------|-----------------------------|------------------------------------|
| Status | NDDB Element Ranks | Other Lists |
| Federal: Endangered State: None | Global: G2T1 State: S1.1 | CNPS List: 1B R-E-D Code: 3-3-3 |

Habitat Associations

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

| | | | |
|--|-------------------------|-----------------------|--|
| Occurrence No. 12 | Map Index: 10640 | EO Index: 9086 | Dates Last Seen |
| Occ Rank: Excellent | | | Element: 1989-05-24 |
| Origin: Natural/Native occurrence | | | Site: 1989-05-24 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 1995-11-13 |
| Main Source: OBRIEN, B. 1986 (PERS) | | | |

Quad Summary: LICK OBSERVATORY (3712136/426C), SAN JOSE EAST (3712137/427D)
County Summary: SANTA CLARA

| | |
|--|----------------------|
| Lat/Long: 37.27133° / -121.75059° | Township: 07S |
| UTM: Zone-10 N4125704 E610773 | Range: 02E |
| Area: 12.0 ac | Section: XX |
| Elevation: 600 ft | Meridian: M |
| Mapping Precision: SPECIFIC | Qtr: XX |
| Symbol Type: POLYGON | |

Location: ALONG SILVER CREEK ROAD; 0.4-0.8 MI E FROM JCT WITH SAN FELIPE ROAD.
Location Detail: N AND S OF SILVER CREEK.
Ecological: ON STEEP ROADCUT ON SERPENTINE WITH BUNCHGRASSES AND A FEW NONNATIVE ANNUAL GRASSES. ALSO ASSOCIATED WITH CALOCHORTUS VENUSTUS, CLARKIA RUBICUNDA AND DELPHINIUM HESPERIUM, AND ESCHSCHOLZIA CALIFORNICA. TAXON SEEMS TO PREFER THIN SOILS.
Threat: GENERAL AREA PROPOSED FOR DEVELOPMENT.
General: HEALTHY IN 1985; VERY LARGE PLANTS. ABOUT 1000 PLANTS SEEN BY KELCH IN 1989 AT W END OF OCCURRENCE; REMAINDER OF OCCURRENCE APPARENTLY NOT SURVEYED AT THAT TIME.

Owner/Manager: PVT

| | | | |
|---|-------------------------|-----------------------|--|
| Occurrence No. 15 | Map Index: 21194 | EO Index: 1299 | Dates Last Seen |
| Occ Rank: Excellent | | | Element: 2001-05-01 |
| Origin: Natural/Native occurrence | | | Site: 2001-05-01 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 2003-12-18 |
| Main Source: BOURSIER, P. 1992 (OBS) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D)
County Summary: SANTA CLARA

| | |
|--|----------------------|
| Lat/Long: 37.28564° / -121.80051° | Township: 07S |
| UTM: Zone-10 N4127234 E606327 | Range: 02E |
| Area: 34.3 ac | Section: XX |
| Elevation: 500 ft | Meridian: M |
| Mapping Precision: SPECIFIC | Qtr: N |
| Symbol Type: POLYGON | |

Location: BETWEEN BAYSHORE HWY AND SILVER CREEK RD. FROM JUST E OF GRAVEL PIT AND EXTENDING E FOR 0.6 MI & SE FOR 0.8 MI.
Location Detail: MAPPED AS FOUR POLYGONS. PART OF OCCURRENCE IN HELLYER CANYON.
Ecological: ON ROCKY, STEEP S-FACING SERPENTINE SLOPE ABOVE BRANCH IN DIRT ROAD. ASSOCIATED WITH AVENA FATUA, BROMUS MOLLIS, CHLOROGALUM POMERIDIANUM, ARTEMISIA CALIFORNICA, PHACELIA IMBRICATA, BRODIAEA PULCHELLA, AND NEAR OTHER RARE PLANT TAXA.
Threat: W/IN CERRA PLATA DEVELOPMENT SITE. PART OF THIS SITE USED AS RANGELAND.
General: OVER 700 PLANTS SEEN IN 1988. BETWEEN THIS OCCURRENCE AND OCCURRENCE #18, OVER 9000 TOTAL IN 1992, 9065 IN 1993, 75,000 PLANTS IN 1998, NONE IN 1999, <100 IN 2000, AND 13,200 IN 2001. THE RARE DUDLEYA SETCHELLI ALSO OCCURS AT THIS SITE.

Owner/Manager: PVT

Streptanthus albidus ssp. albidus

Metcalf Canyon jewel-flower

Element Code: PDBRA2G011

| | | |
|---------------------|---------------------------|--------------------|
| Status | NDDB Element Ranks | Other Lists |
| Federal: Endangered | Global: G2T1 | CNPS List: 1B |
| State: None | State: S1.1 | R-E-D Code: 3-3-3 |

Habitat Associations

General: VALLEY AND FOOTHILL GRASSLAND.

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

| | | | |
|--|-------------------------|------------------------|--|
| Occurrence No. 17 | Map Index: 21226 | EO Index: 25391 | Dates Last Seen |
| Occ Rank: Good | | | Element: 1996-06-03 |
| Origin: Natural/Native occurrence | | | Site: 1996-06-03 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 2000-11-17 |
| Main Source: HICKSON, D. 1991 (OBS) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D)

County Summary: SANTA CLARA

| | |
|--|----------------------|
| Lat/Long: 37.27532° / -121.82512° | Township: 07S |
| UTM: Zone-10 N4126061 E604160 | Range: 01E |
| Area: 12.4 ac | Section: XX |
| Elevation: 270 ft | Meridian: M |
| Mapping Precision: SPECIFIC | Qtr: XX |
| Symbol Type: POLYGON | |

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

Location Detail: ON STEEP SOUTH FACING SLOPE.

Ecological: ON RIDGE IN GRASSLAND AND ROCK OUTCROPS ON S-FACING SLOPE. WITH DUDLEYA SETCHELLII (ON ROCK OUTCROPS) AND ERIOGONUM CANINUM. NON-NATIVE GRASSES DOMINATE SITE.

Threat: POSSIBLE DEVELOPMENT FOR CHRISTIAN SCHOOL.

General: 2667 PLANTS SEEN IN 1991. 281 PLANTS OBSERVED IN 1996. THE RARE DUDLEY SETCHELLII AND ERIOGONUM LUTEOLUM VAR. CANINUM.

Owner/Manager: PVT-VALLEY CHRISTIAN SCHOOL

| | | | |
|---|-------------------------|-----------------------|--|
| Occurrence No. 18 | Map Index: 26622 | EO Index: 1301 | Dates Last Seen |
| Occ Rank: Excellent | | | Element: 2001-05-01 |
| Origin: Natural/Native occurrence | | | Site: 2001-05-01 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 2003-12-18 |
| Main Source: BOURSIER, P. 1992 (OBS) | | | |

Quad Summary: SAN JOSE EAST (3712137/427D)

County Summary: SANTA CLARA

| | |
|--|----------------------|
| Lat/Long: 37.29295° / -121.80255° | Township: 07S |
| UTM: Zone-10 N4128043 E606136 | Range: 02E |
| Area: 10.0 ac | Section: XX |
| Elevation: 400 ft | Meridian: M |
| Mapping Precision: SPECIFIC | Qtr: SW |
| Symbol Type: POLYGON | |

Location: 1.2 MI NE OF CHRISTOPHER SCHOOL, BETWEEN BAYSHORE HWY AND SILVER CREEK RD. N OF EVERGREEN CANAL.

Ecological: IN NONNATIVE GRASSLAND ON SERPENTINE SOILS. ON STEEP NW-FACING SLOPE IN THIN SOILS WITH SPARSE AVENA BARBATA. OTHER RARE PLANTS ARE IN THE VICINITY, INCL DUDLEYA SETCHELLII AND MALACOTHAMNUS HALLII.

Threat: CERRA PLATA DEVELOPMENT PENDING; PREVIOUSLY GRAZED.

General: BETWEEN THIS OCCURRENCE AND OCCURRENCE #15, OVER 9000 TOTAL IN 1992, 9065 IN 1993, 75,000 PLANTS IN 1998, NONE IN 1999, <100 IN 2000, AND 13,200 IN 2001.

Owner/Manager: PVT

Streptanthus albidus ssp. albidus

Metcalf Canyon jewel-flower

Element Code: PDBRA2G011

Status

NDDB Element Ranks

Other Lists

Federal: Endangered

Global: G2T1

CNPS List: 1B

State: None

State: S1.1

R-E-D Code: 3-3-3

Habitat Associations

General: VALLEY AND FOOTHILL GRASSLAND.

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

Occurrence No. 19

Map Index: 26621

EO Index: 1303

Dates Last Seen

Occ Rank: Good

Element: 1994-05-19

Origin: Natural/Native occurrence

Site: 1994-05-19

Presence: Presumed Extant

Trend: Unknown

Record Last Updated: 1998-04-21

Main Source: FOSTER, K. 1994 (OBS)

Quad Summary: SAN JOSE EAST (3712137/427D)

County Summary: SANTA CLARA

Lat/Long: 37.28350° / -121.84613°

Township: 07S

UTM: Zone-10 N4126946 E602286

Range: 01E

Radius: 80 meters

Mapping Precision: SPECIFIC

Section: XX

Qtr: XX

Elevation: 170 ft

Symbol Type: POINT

Meridian: M

Location: E-FACING SLOPE OF COMMUNICATION HILL. 0.2 MI SW OF JCT SPRR AND HILLSDALE AVE.

Location Detail: ON W SIDE OF HILLSDALE AVE. PROBABLY INCLUDES THE COLLECTION FROM THE TYPE LOCALITY, "4 MI S OF SAN JOSE ABOVE CINCAS CREEK, SERPENTINE HILLS". HOOVER 1938 #3257 UC.

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

Threat: SITE ADJACENT TO ACTIVE QUARRY TO THE EAST. POTENTIAL THREATS ARE GRADING OR FILLING OF THE AREA.

General: 100 PLANTS ESTIMATED IN 1994.

Owner/Manager: PVT

Tropidocarpum capparideum

caper-fruited tropidocarpum

Element Code: PDBRA2R010

_____ **Status** _____ **NDDB Element Ranks** _____ **Other Lists** _____
Federal: None **Global:** G1 **CNPS List:** 1A
State: None **State:** S1.1 **R-E-D Code:** *

_____ **Habitat Associations** _____

General: VALLEY AND FOOTHILL GRASSLAND.
Micro: ALKALINE CLAY. 0-455M.

Occurrence No.: 12 **Map Index:** 39200 **EO Index:** 34202 **Dates Last Seen** _____
Occ Rank: Unknown **Element:** 1907-04-03
Origin: Natural/Native occurrence **Site:** 1907-04-03
Presence: Presumed Extant
Trend: Unknown **Record Last Updated:** 1998-07-21
Main Source: PENDLETON, R. #558 RSA (HERB)

Quad Summary: LOS GATOS (3712128/407B), SAN JOSE WEST (3712138/427C), CASTLE ROCK RIDGE (3712221/408A), CUPERTINO (3712231/428D)
County Summary: SANTA CLARA, SANTA CRUZ

Lat/Long: 37.26456° / -122.01459° **Township:** 08S
UTM: Zone-10 N4124676 E587374 **Range:** 01W
Radius: 5 mile **Mapping Precision:** NON-SPECIFIC **Section:** 06 **Qtr:** XX
Elevation: 420 ft **Symbol Type:** POINT **Meridian:** M

Location: SARATOGA.

General: ORIGINALLY IDENTIFIED AS T. GRACILE, BUT APPARENTLY ANNOTATED TO T. CAPPARIDEUM (WRITTEN ON LABEL W/NO NAME ASSOCIATED).
COLLECTION NOT AT RSA 11/2000 WHEN WE CHECKED.

Owner/Manager: UNKNOWN

Vulpes macrotis mutica

San Joaquin kit fox

Element Code: AMAJA03041

Status _____ **NDDB Element Ranks** _____ **Other Lists** _____
Federal: Endangered **Global:** G4T2T3 **CDFG Status:**
State: Threatened **State:** S2S3

Habitat Associations

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.: 15 **Map Index:** 23601 **EO Index:** 12150 **Dates Last Seen** _____
Occ Rank: Unknown **Element:** 1975-XX-XX
Origin: Natural/Native occurrence **Site:** 1975-XX-XX
Presence: Presumed Extant
Trend: Unknown **Record Last Updated:** 1993-06-29
Main Source: MORRELL, S. 1975 (MAP)

Quad Summary: MORGAN HILL (3712126/406B), SANTA TERESA HILLS (3712127/407A), LICK OBSERVATORY (3712136/426C), SAN JOSE EAST (3712137/427D)
County Summary: SANTA CLARA

Lat/Long: 37.22755° / -121.72739° **Township:** 08S
UTM: Zone-10 N4120874 E612896 **Range:** 02E
Area: 12,160.0 ac **Mapping Precision:** NON-SPECIFIC **Section:** XX **Qtr:** XX
Elevation: 600 ft **Symbol Type:** POLYGON **Meridian:** M

Location: 7 MILES WNW OF MORGAN HILL.
Location Detail: ONE FOX SIGHTING BETWEEN 1972-1975.
Threat: DEVELOPMENT
General: INFORMATION SOURCE IS A LARGE RANGE MAP STORED IN THE ELEMENT FILE FOR VULPES MACROTIS MUTICA UNDER "GENERAL RANGE DATA".
Owner/Manager: UNKNOWN