

BIOLOGICAL RESOURCES



Johanna La Claire

Biologist

Overview

Ms. La Claire's combined work experience and education provide a wide range of ecological training. She has over seven years of experience working in the fields of botany, wildlife, habitat restoration, stream monitoring, and ecosystem inventory, assessment, and monitoring. Ms. La Claire's position at URS involves vegetation surveys and mapping, habitat assessment, habitat restoration, wildlife surveys (particularly birds and California red-legged frogs), wetland delineation, construction compliance and monitoring, GIS mapping, and project management.

Areas of Expertise

- Restoration Planning, Implementation, and Monitoring (bioswales, grassland, vernal pool, riparian, coastal sage scrub, chaparral, and oak woodland)
- Vegetation/Rare Plant surveys
- California Red-legged Frog USFW Protocol Surveys
- Least Bell's Vireo Surveys
- General Wildlife Surveys
- Stream monitoring
- Wetland Delineation
- Construction Compliance and Monitoring
- GPS and GIS mapping

Years of Experience

With URS: 3 Years

With Other Firms: 5 Years

Education

MS/Environmental Science and Management/2001/University of California, Santa Barbara

BS/Environmental Studies/1999/University of California, Santa Barbara

Project Specific Experience

Project Management Experience

Project manager for several restoration projects including Ellwood Mesa Native Grassland Restoration, Santa Barbara Airport Safety Grading Mitigation Restoration Monitoring, Calleguas Creek Restoration Monitoring, and Bohnett Park Creek Restoration Monitoring.

Habitat Restoration Experience

- Monitor and implement several restoration projects in Santa Barbara and Ventura counties, such as Turnpike Bioswale, Rhoads Bioswale, Bohnett Park, Firestone Drainage, Las Vegas Creek, Calleguas Creek, Foster Park, and Casitas Dam Modernization Project.
- Restoration Coordinator, University of California. Responsible for creating native grassland, vernal marsh, and vernal pool habitat related to environmental mitigation. Supervised the initial grading of the landscape for proper topography. Duties included collecting native seed, planting native species, and removing exotic species. Conducting various flora, fauna, and environmental monitoring for performance criteria. Developing research projects related to vernal pool habitat restoration. Supervise several student interns, volunteers, and assistants.
- Assistant Resource Ecologist, California State Parks. Served as the lead person and supervised up to six employees for several ecological restoration, species monitoring, inventory, and exotic species removal projects. Conducted an Ecological Condition Assessment for the Inland Empire District. Managed a program for the removal of Brown-headed cowbirds. Prepared environmental permit applications, state contracts, and purchased supplies. Managed a native plant nursery, GIS databases, and other natural resource databases.
- Habitat Restoration Assistant, Santa Barbara Audubon Society. Teamed in restoration activities in the Goleta Slough that included: plant inventory, planning for and removal of exotics, and



development and implementation of a planting program using native species.

Botanical Experience

Botanical experience includes work in Santa Barbara, Ventura, and San Luis Obispo Counties, Berkeley, Mojave Desert, and Southern California.

- Prepared several vegetation maps for projects such as Lake Casitas Recreation Area Resource Management Plan (RMP), Lake Cachuma State Recreation Area (SRA) RMP, Santa Barbara Fire Management EIR, Meiners Oaks Trunk Sewer Relocation, Goleta Slough Fish and Game Properties, Mountain View Power Project, Gaviota Creek, Ventura River, Piru Creek, and Lauro Reservoir.
- Conducted point-intercept vegetation transect monitoring for several projects such as Lake Perris Recreation Area Grassland Experiment, UCSB Restoration Projects, Santa Barbara Airport Safety Area Grading Project.
- Performed rare plant surveys for Mountain View Power Project, Lauro Reservoir, Lake Cachuma RMP, Lake Casitas RMP, and MWD Colorado Aqueduct HCP (Mojave Desert).
- Performed vegetation transect surveys using the quadrat method for vernal pools and grasslands at UCSB and Ellwood.
- Volunteered for the Catalina Conservancy to conduct weed mapping using a GPS unit (Summer 2002)

Wildlife Surveys and Monitoring

- Performed USFWS protocol surveys for the California Red-legged Frog (CRLF) for several projects in Santa Barbara, San Luis Obispo, and Ventura Counties. Received training on USFWS protocol surveys from Vince Semonsen. We conducted several day and night surveys within several drainages of the Lake Casitas Recreation Area and along Gaviota Creek. Observed numerous adult red-legged frogs during the day and night surveys at Gaviota Creek (2003 and 2004). Individually performed protocol surveys along the Ventura River near Foster Park, Tecolotito Creek, and Salinas River (2004 and 2005). Conducted habitat assessment for CRLF at Winchester Canyon Creek and egg mass surveys at Guadalupe Dunes (2006).
- Performed bird surveys including riparian, waterfowl, raptor, and passerines. Survey sites in Santa Barbara and Ventura counties include Lake Cachuma, Lake Casitas, Santa Barbara Airport, Firestone Drainage, Las Vegas Creek, and UCSB vernal pool sites.
- Assisted in Southwestern willow flycatcher and Least Bell's vireo surveys at Gaviota Creek, Ventura River, Arroyo Simi River, and Lake Perris SRA.



- Conducted point count bird surveys during the breeding season and assisted in the Audubon Christmas bird count for Lake Perris SRA.
- Conducted an inventory of Arroyo chub in Aliso creek at Chino Hills State Park with seine nets.
- Performed Burrowing owls surveys at Lake Perris SRA and San Jacinto Wildlife Refuge, and developed a GIS map of all occupied burrows.
- Assisted in surveys to monitor the populations of Stephen's kangaroo rat at Lake Perris SRA.
- Biological monitor for the southwestern pond turtle for two small bridge crossing projects at Chino Hills State Park and Laguna Channel Maintenance Project.
- Conducted Western Snowy Plover surveys at McGrath State Beach during the wintering and breeding seasons.
- Volunteer for the White-tailed Kite Monitoring and Tree Swallow Nesting Program, Santa Barbara Audubon Society (Fall 2004 to present).

Wetland Delineations and Functional Assessments

- Performed wetland delineations for the Gaviota Bridge Project and Goleta Old Town Improvement Project.
- Assisted in a wetland functional assessment for Newhall Ranch.

Construction Compliance and Monitoring

- Environmental monitor during entire construction of two bridge creek crossings at Chino Hills State Park and Pueblo Bridge repair project in Santa Barbara.
- Oversight of fire crews making fire breaks and covering fire breaks with vegetation for restoration at Chino Hills State Park.
- Periodic sight inspections to minimize and assess biological impacts during construction for the Meiners Oaks Trunk Sewer Relocation Project.

Other Relevant Experience

- Environmental Services Technician, California State Parks. Managed the District Volunteer Stream Monitoring Program for Gaviota, El Capitan, Refugio, and Carpinteria Creeks, which included recruiting, coordinating, training, and supervising student interns and volunteers. Performed biological field surveys including macroinvertebrate rapid bioassessment, habitat assessment, and water quality sampling. Also,



performed data entry and data analysis. Other duties included preparing environmental permit and grant applications.

Specialized Training

- OSHA 40-Hour HAZWOPER
February 2006
- Loss Prevention System
March 2006
- CNPS Vegetation Mapping and Classification Workshop
August 2005
- Basic Wetland Delineation Training
Summer 2004
- CEQA/NEPA Workshop
April 2001
- American Red Cross First Aide & CPR (May 3, 2005)

Contact Information

URS Corporation
130 Robin Hill Road, Suite 100
Santa Barbara, CA 93117
Tel: 805.964.6010 Ext. 333
Cell: 805.895.9178
Fax: 805.964.0259
johanna_laclaire@urscorp.com



Patrick J. Mock, PhD

Principal Scientist/Senior Project Manager

Overview

Dr. Mock has over 27 years of professional experience as a wildlife biologist and environmental consultant. He is a Biology Group Manager and serves as principal investigator for studies of endangered wildlife, directing and participating in field investigations, data analysis, and preparation and review of technical reports and mitigation plans. Dr. Mock has extensive national and international experience in the assessment of impacts on biological resources, especially in relation to wetland ecosystems, coastal sage scrub, and endangered species. Dr. Mock has produced environmental impact assessments of various development projects throughout southern California and the Pacific Rim in conformance with NEPA, CEQA, and ESA. He has managed the development of several inter-disciplinary impact report documents for HCP programs, road projects, and a power plant project.

Dr. Mock's specific area of expertise is the ecology, management, and monitoring of vertebrate populations. He has conducted investigations of several sensitive bird species, including California least tern, brown pelican, least Bell's vireo, California gnatcatcher, coastal cactus wren, and bald eagle. He is experienced in landscape scale habitat evaluation modeling, preserve design, wildlife corridor assessment, and population viability analysis. He is certified as a senior ecologist by the Ecological Society of America and a wildlife biologist by The Wildlife Society. Dr. Mock participates in all aspects of project management, including client liaison, proposal writing and budgeting, field investigations and research, supervision of field biologists, regulatory permitting assistance, agency liaison, report preparation and review, public presentations, and expert testimony. Dr. Mock has also served as a Lecturer at the University of San Diego and University of California, San Diego, where he has taught courses on biological assessment, principles of ecology, and wildlife management. Dr. Mock is currently employed as a Principal Scientist by URS Corporation San Diego since 1998. Past consulting firm positions have included Ogden Environmental (1988-1998) and Parsons-Engineering-Science (1986-1988).

Areas of Expertise

Wildlife Biology
Biological Impact Assessment
ESA/Wetlands Permitting
Regional Habitat Conservation
Planning
Wildlife Corridor Assessment
California Gnatcatcher Ecology
NEPA/CEQA Compliance
Habitat Restoration
Planning/Monitoring

Years of Experience

With URS: 8 Years
With Other Firms: 19 Years

Education

PhD/Biology/1990/University of California, Los Angeles
CPh/Biology/1983/University of California, Los Angeles
BS/Wildlife/Biology/1979/University of California, Davis

Registration/Certification

Certified Senior Ecologist/Ecological Society of America
Certified Wildlife Biologist/The Wildlife Society
Training in ACOE Wetland Delineation Methods and CWA 404 Regulatory Policy
OSHA Hazardous Waste Operations and Emergency Response Training/Section 1910.120
Training in Use of ArcView and Auto Cad R14 Software

Project Specific Experience

Ecological Research

- Ecological Studies of California Gnatcatcher (*Poliioptila californica*),
- Foraging Ecology of California Least Tern (*Sterna antillarum browni*), Mission Bay. City of San Diego
- Habitat Characterization of Ephemeral Watercourses Receiving Treated Wastewater Effluents in the Arid Western U.S., Wastewater Management Department, Pima County, Arizona/EPA.
- Behavioral Study of the Effects of Military Helicopter Activity on Breeding Least Bell's Vireo, U.S. Navy.
- Study of the Effects Associated with Modification of Sand Grain-size on Shorebird Foraging Behavior, City of San Diego.
- San Diego Bay Waterbird Survey, U.S. Navy.



- Behavioral Study of the Effects of Military, Fixed-wing Aircraft Activity on Idaho Bighorn Sheep, U.S. Air Force.
- Wildlife Corridor Study of the 23,000-Acre Otay Ranch, San Diego County, City of Chula Vista.
- Wildlife Corridor Assessment for Canyon Crest Development Project, Brea California. City of Brea.
- Raptor Ecology and Management Study on Otay Ranch, City of Chula Vista.
- Analysis of Brown Pelican Migration Patterns from Band Recovery Data, Los Angeles County Natural History Museum.
- Study of Growth Energetics and Food Intake of Nestling Thick-billed Murre (*Uria lomvia*) Pribilof Islands, Bering Sea, Alaska, University of California, Irvine.
- Comprehensive Studies of the Reproductive Energetics and Ecology of the Western Bluebird (*Sialia mexicana*), University of California, Los Angeles.
- Development of an in vivo Method to Estimate Lipid Reserves of Vertebrates, University of California, Los Angeles.
- San Diego County Bird Atlas Project, San Diego Natural History Museum.

Regional Natural Resource Planning

- Multiple Species Conservation Program, City of San Diego Clean Water Program.
- Rancho Palos Verdes Natural Communities Conservation Program Subarea Habitat Conservation Plan (HCP) and EIR/EA, City of Rancho Palos Verdes.
- North County Multiple Habitat Conservation Program, San Diego Association of Governments.
- NCCP Subarea Plan Amendment MND/EA, SDG&E.
- Otay Mountain RMP Database Development and Biological Monitoring Plan, BLM
- Desert Lands HCP and MND/EA for the Colorado River Aqueduct, Metropolitan Water District
- McGregor Range Resource Management Plan EIS, New Mexico. BLM.
- Socorro and Catron Counties, New Mexico, Resource Management Plan EIS, BLM.
- Phoenix National Monument RMP EIS, BLM
- Key Deer HCP, Florida Department of Transportation and Monroe County.
- Adaptive Management Research Program for Sweetwater Reservoir Least Bell's Vireo Population, Sweetwater Authority.
- Chevron Lokern HCP EIR, Chevron Oil Corporation.
- Santa Monica Mountains National Recreation Area General Development Plan EIS, National Parks Service.
- California Gnatcatcher Sweetwater River HCP, Home Capital Corporation/San Diego Association of Governments.



- City-wide Biological Resource Assessment and Environmental Planning for the City of Poway.
- San Marcos Subarea Habitat Conservation Plan/NCCP, Department of Planning, City of San Marcos.
- Point Loma Habitat Management Plan, U.S. Navy.
- Escondido Master Plan of Parks, Trails, and Open Space/EIR, Department of Planning, City of Escondido.
- Wetlands Management Plan for the Island of Saipan, Coastal Resource Management Office, Commonwealth Government of the Northern Mariana Islands.
- DeLuz Habitat Mitigation Bank, The Eadington Companies.

Regional Natural Resource Planning

Department of Defense

- Biological Assessment/EIS of BRAC Actions at MCAS Camp Pendleton, U.S. Navy.
- Biological Assessment/EIS of BRAC Actions at MCAS Miramar, U.S. Navy.
- Programmatic EIS for Testing and Operations at Pt. Mugu Air Warfare Center, U.S. Navy.
- Biological Assessment/EA of Helicopter Outlying Landing Field, MCB Camp Pendleton, U.S. Navy.
- Military Housing SEIS, MCAS Miramar, U.S. Navy
- Integrated Natural Resource Management Plan (INRMP), Nellis Air Force Base, U.S. Air Force.
- INRMP, Monterey Naval Post Graduate School, U.S. Navy.
- California Gnatcatcher Monitoring and Research Plan, Falbrook Naval Weapons Station, U.S. Navy.
- Construction Biological Monitoring Program for VertRep Project, Camp Pendleton, Stronghold Electric/U.S. Navy.
- Aircraft Carrier Homeporting Project EIS, San Diego Bay, U.S. Navy.
- San Nicolas Island Barge Landing EA, U.S. Navy.
- Preconstruction Survey for Micronesian Megapode at the Saipan Radar Installation, Commonwealth of the Northern Marian Islands, U.S. Air Force.

Transportation Projects

- Wetland Mitigation Planning and Permitting for Light Rail Transit (LRT) Projects in San Diego County, Metropolitan and North County Transit Development Boards.
- North County Light Rail Transit Project EIR, North County Transit Development Board.
- Biological Assessments and Permitting of Widening and Extension of San Elijo Road, Twin Oaks Valley Road, Rancho Santa Fe Road, and Melrose Drive, City of San Marcos.
- Biological Assessment and EIR for Scripps-Poway Parkway, City of Poway.



- Mammoth Lakes Airport Expansion EIS, FAA
- Carmel Valley Road Improvement Project EIR, City of San Diego.
- Sorrento Valley Road Improvement Project EIR, City of San Diego.
- Construction Monitoring and Burrowing Owl Removal Program for SR 7, El Centro, Caltrans.
- Exotic Predator Removal Program, San Mateo Creek and Lagoon, Caltrans.
- Natural Environment Study (NES) of SR 11, East Otay Mesa Border Crossing, Caltrans.
- Endangered Species Surveys for Interstate 5 Widening Project, Caltrans.
- I-5/SR-56 Interchange Improvement Project EIR/EIS, Caltrans and City of San Diego.
- Biological Surveys for SR 52 Widening Project, Caltrans.
- Construction Monitoring for SR 73 Water Quality Facilities Upgrade Project, Caltrans.
- Biological Assessment, Cajon Pass Triple Track Project, BNSF Railroad
- Construction Monitoring and Burrowing Owl Mitigation Program for Union Pacific Track Removal Project, Union Pacific Railroad.
- NES for Las Pilitas Bridge Replacement Project, County of San Luis Obispo.
- Rigel Street Bridge Replacement Project, City of San Diego.
- Atchinson Avenue Bridge Replacement Project, City of Roseville.
- Ford Avenue Bridge Replacement Project, Alameda Corridor Project Team.

Infrastructure Facility Projects

- Big Tujunga Dam Seismic Retrofit Project EIR and BA, FEMA and LADPW
- CHEVRON-TEXACO de MEXICO Offshore LNG Receiving Terminal, Baja California.
- CalEnergy Salton Sea Unit 6 Geothermal Power Plant Application for Certification
- Miramar Landfill General Development Plan EIR/EIS, City of San Diego Waste Management Department.
- Biological Assessment, Miramar Landfill Expansion Project, City of San Diego.
- Biological Assessment of Proposed International Airport at Maj Po Mash, Shenzhen, China, City of Shenzhen.
- Vegetation Management Hazard Mitigation Program BA, FEMA
- Emergency Water Storage Project, San Diego County Water Authority.
- Evaluation of Biological and Water Quality Monitoring Program of the Shanghai River, China, Shanghai Sewerage Authority.
- Construction Monitoring, Alvarado Water Filtration Plant, City of San Diego.
- Chandler Landfill Water Recharge Basin Demonstration Project, Rolling Hills, CA, Water Replenishment District of Southern California.



- Gilroy Landslide Remediation Evaluation, Santa Clara Valley Water District.
- SMUSD Administration Office Complex, San Marcos Unified School District.
- Mountain Pass Mine Expansion Project, Molycorp, Inc.
- Nursery Products Project, San Bernardino Co. Planning Department

Residential Development Projects

- EIR/Mitigation Monitoring Program for San Elijo Hills Development, City of San Marcos.
- CCC Permitting and Mitigation Monitoring for Dana Point Headlands, Headlands Reserve, LLC.
- Aera Mixed Use Development, Los Angeles Co., Aera Energy Co.
- Biological Assessment and Mitigation Planning, Calavera Heights Development, Carlsbad, Lyon Communities.
- Otay Ranch Programmatic EIR, City of Chula Vista/County of San Diego.
- On-call Consulting Services for Otay Land Company, LLC.
- On-call Consulting Services for Accretive Capital Partners, LLC
- Biological Assessment for Skeet Range Remediation Project, Flat Rock Land Company.
- University Commons EIR and Mitigation Plan, City of San Marcos.
- Salt Creek Ranch EIR, City of Chula Vista.
- Fanita Ranch EIR, City of Santee.
- Development Constraints Assessment for Tom Dyke Ranch, Saint Vincent De Paul Society.
- San Marcos Highlands Biological Assessment, City of San Marcos.
- Hampton Heights Project EIR, County of San Bernardino.
- Willows Development Project, Temecula, Willows Investment Group.
- Vista Palisades Estates Project, Capital Pacific Homes.
- Benicia Specific Plan EIR, City of Benicia.
- East Otay Mesa SPA Biological Assessment, County of San Diego.
- Santa Fe Valley/4S Ranch Biological Assessment, County of San Diego.

Coastal Development, Recreation Projects

- CCC Permitting for ESPN X-Games, Mission Bay San Diego, ESPN.
- Mission Bay Park Shoreline Stabilization and Restoration Project and Natural Resource Management Plan EIR, City of San Diego.
- Convair Lagoon Remediation Project EIR, San Diego Port Authority.
- National City Marine Terminal Wharf Expansion Project EIR, San Diego Port Authority.
- Biological Resource Inventory and Environmental Assessment of Proposed Marina at Ballona Lagoon, Marina del Rey, California, Silver Strand Marina Association.
- Biological Assessment of the Ormond Beach Area Concept Plan, City of Oxnard.



- Biological Assessment of Elsinore Lake Management Plan, Lake Elsinore, California, Elsinore Water Authority.
- Poway Amphitheater EIR, City of Poway.

Other Relevant Experience

- Biologist, Endangered Species Office, California Department of Fish and Game, Sacramento.
- Research Associate, Los Angeles County Natural History Museum
- Senior Biologist, Parsons-Engineering-Science, Inc., Pasadena
- Senior Biologist, Ogden Environmental and Energy Services Co., San Diego

Teaching

- Principles of Ecology for Natural Resource Management, University of California, San Diego.
- Wildlife Management, University of California, San Diego.
- Biological Assessment, University of San Diego.
- Masters Thesis Committee Member, Geography Department, San Diego State University.
- Teaching Fellow, Biology Department, University of California, Los Angeles.

Technical Reviewer

Conservation Biology, The Auk, Ecology, Condor, Ecological Monographs, Western Birds, *Ornis Scandinavica*, Studies in Avian Biology

- Proceedings of Symposium on Wildlife Habitat Restoration and Management
- Proceedings of a Symposium on Wildlife Habitat Restoration
- Proceedings of the Wildland Interface II Symposium
- Reviewer of Partners-in-Flight conservation plan for Southern California shrubland habitats
- Core Group Reviewer of the Natural Communities Conservation Planning (NCCP) Research Agenda
- Contributor and Reviewer for selected sections and species accounts of San Diego County Bird Atlas
- Reviewer of draft CDFG report on Bird Species of Special Concern

Professional Societies/Affiliates

Ecological Society of America

The Wildlife Society

Pacific Seabird Group, - past Southern California Council Representative

Society for Conservation Biology

Association of Field Ornithologists

California Native Plant Society

Publications

At the Crossroads 1980: A report on California's endangered and rare fish and wildlife. California Department of Fish and Game report to the California Legislature. 1982. Dr. Mock contributed sections pertaining to endangered birds and mammals.

Christmas bird counts as indices of population status of brown pelicans and three gull species in Florida. *American Birds* 41: 1334-1339, 1987. R.W. Schreiber co-author.

Eastern brown pelicans: what does sixty years of banding tell us? *Journal of Field Ornithology* 59: 171-182, 1988. R.W. Schreiber co-author.

Energetics of growth and maturation in sympatric passerines that fledge at different ages. *The Auk* 108: 34-41, 1991. M. Khubesian and D.M. Larcheveque co-authors.

Daily allocation of time and energy by adult western bluebirds feeding nestlings. *Condor* 93: 598-611, 1991.

Energetic constraints to the distribution and abundance of the California gnatcatcher. *Western Birds* 29: 413-420, 1998.

California gnatcatcher territorial behavior. *Western Birds* 29: 242-257, 1998. K. Preston, M. Grishaver, E. Bailey, and D. King co-authors.

California gnatcatcher vocalization behavior. *Western Birds* 29: 258-268, 1998. K. Preston and M. Grishaver co-authors.

Dispersal capabilities of the coastal California gnatcatcher: a landscape analysis of distribution data. *Western Birds* 29: 351-360, 1998. E. Bailey co-author.

Is the California gnatcatcher a good umbrella species for habitat reserve design? *Western Birds* 29: 453-467, 1998. S. Fleury and J. O'Leary co-authors.

Breeding behavior of the California gnatcatcher in the vicinity of Rancho San Diego, California. *Western Birds* 29: 299-322, 1998. M. Grishaver and K. Preston, co-authors.

California Gnatcatcher – Dr. Mock contributed the species account in the Partners-in-Flight conservation plan for Southern California shrubland habitats. 2002

California Gnatcatcher – Dr. Mock contributed the species account in the *San Diego County Bird Atlas*, authored by Phil Unitt. 2004.

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|---|------------|--------------------------|--|
| Aegialia concinna | | Element Code: IICOL64010 | |
| Ciervo aegilian scarab beetle | | NDDDB Element Ranks | |
| Status | | Other Lists | |
| Federal: None | Global: G1 | CDFG Status: | |
| State: None | State: S1 | | |
| Habitat Associations | | | |
| General: KNOWN ONLY FROM FRESNO COUNTY IN SANDY SUBSTRATES. | | | |
| Micro: | | | |

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|---|------------------|-----------------|---------------------------------|
| Occurrence No. 1 | Map Index: 13224 | EO Index: 22632 | Dates Last Seen |
| Occ Rank: Unknown | | | Element: 1975-11-27 |
| Origin: Natural/Native occurrence | | | Site: 1975-11-27 |
| Presence: Presumed Extant | | | Record Last Updated: 2005-01-25 |
| Trend: Unknown | | | |
| Main Source: GORDON, R., AND O. CARTWRIGHT 1977 (LIT) | | | |

Quad Summary: MONOCLINE RIDGE (3612055/361D)
 County Summary: FRESNO

| | |
|-----------------------------------|---------------|
| Lat/Long: 36.53938° / -120.54016° | Township: 16S |
| UTM: Zone-10 N4046591 E720199 | Range: 13E |
| Radius: 1 mile | Section: 15 |
| Elevation: 920 ft | Meridian: M |
| Mapping Precision: NON-SPECIFIC | Qtr: XX |
| Symbol Type: POINT | |

Location: 18 MILES SW MENDOTA.
 Ecological: PREFERS SANDY SUBSTRATES; SPECIFIC HABITAT REQUIREMENTS AND LIFE HISTORY ARE UNKNOWN.
 Threat: POSSIBLE LOSS OF HABITAT THROUGH DEVELOPMENT.
 General: HOLOTYPE: USNM #73841. THREE PARATYPES: USNM AND ALAN HARDY.
 Owner/Manager: PVT

| | | | |
|------------------------------------|------------------|-----------------|---------------------------------|
| Occurrence No. 2 | Map Index: 13176 | EO Index: 61201 | Dates Last Seen |
| Occ Rank: Unknown | | | Element: 1981-03-25 |
| Origin: Natural/Native occurrence | | | Site: 1981-03-25 |
| Presence: Presumed Extant | | | Record Last Updated: 2005-05-02 |
| Trend: Unknown | | | |
| Main Source: SHANKS, S. 2005 (MUS) | | | |

Quad Summary: CIERVO MTN. (3612045/339A), MONOCLINE RIDGE (3612055/361D)
 County Summary: FRESNO

| | |
|-----------------------------------|---------------|
| Lat/Long: 36.52495° / -120.55001° | Township: 16S |
| UTM: Zone-10 N4044967 E719358 | Range: 13E |
| Area: 872.1 ac | Section: 16 |
| Elevation: 1,743 ft | Meridian: M |
| Mapping Precision: SPECIFIC | Qtr: XX |
| Symbol Type: POLYGON | |

Location: MONOCLINE RIDGE.
 Ecological: COLLECTED ON SAND DUNES.
 General: 7 SPECIMENS COLLECTED BY KUBA AND AALBU 25 MAR 1981, DEPOSITED IN THE CALIFORNIA STATE COLLECTION OF ARTHROPODS.
 Owner/Manager: BLM-HOLLISTER RA, PVT

Agelaius tricolor

tricolored blackbird

Element Code: ABPBXB0020

| | | |
|--------------------|--------------------------|-------------------|
| _____ Status _____ | NDDB Element Ranks _____ | Other Lists _____ |
| Federal: None | Global: G2G3 | CDFG Status: SC |
| State: None | State: S2 | |

_____ Habitat Associations _____

General: (NESTING COLONY) HIGHLY COLONIAL SPECIES, MOST NUMEROUS IN CENTRAL VALLEY & VICINITY. LARGELY ENDEMIC TO CALIFORNIA.

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

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|-----------------------------------|------------------|-----------------|---------------------------------|
| Occurrence No. 410 | Map Index: 55543 | EO Index: 55543 | _____ Dates Last Seen _____ |
| Occ Rank: Unknown | | | Element: 1999-04-20 |
| Origin: Natural/Native occurrence | | | Site: 1999-04-22 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 2004-05-19 |
| Main Source: DFG 2004 (PERS) | | | |

Quad Summary: HAMMONDS RANCH (3612076/382C), LAGUNA SECA RANCH (3812077/383D)

County Summary: FRESNO

| | |
|-----------------------------------|---------------------------------|
| Lat/Long: 36.79944° / -120.74886° | Township: 13S |
| UTM: Zone-10 N4074988 E700836 | Range: 11E |
| Area: 43.0 ac | Mapping Precision: NON-SPECIFIC |
| Elevation: 425 ft | Symbol Type: POLYGON |
| | Section: 15 |
| | Meridian: M |
| | Qtr: XX |

Location: GRAVEL PIT ON LITTLE PANOCHÉ CREEK, ABOUT 0.4 MI SW OF I-5 OVERPASS OVER LITTLE PANOCHÉ CREEK.

Ecological: NESTING HABITAT CONSISTS OF CATTAILS.

General: BIRDS NOTED AS NESTING HERE IN 1994. ABOUT 400 OBSERVED NESTING BY FITTON ON 20 APR 1999. NO BIRDS OBSERVED BY HAMILTON 2 DAYS LATER ON 22 APR 1999.

Owner/Manager: UNKNOWN

Ammospermophilus nelsoni

San Joaquin antelope squirrel

Element Code: AMAFB04040

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|--------------------|--------------------|-------------------------|
| _____ Status _____ | NDDB Element Ranks | _____ Other Lists _____ |
| Federal: None | Global: G2 | CDFG Status: |
| State: Threatened | State: S2 | |

_____ Habitat Associations _____

General: WESTERN SAN JOAQUIN VALLEY FROM 200-1200 FT ELEV. ON DRY, SPARSELY VEGETATED LOAM SOILS.

Micro: DIG BURROWS OR USE K-RAT BURROWS. NEED WIDELY SCATTERED SHRUBS, FORBS & GRASSES IN BROKEN TERRAIN WITH GULLIES & WASHES

| | | | |
|--------------------------------------|------------------|-----------------|---------------------------------|
| Occurrence No. 85 | Map Index: 12741 | EO Index: 24152 | _____ Dates Last Seen _____ |
| Occ Rank: Unknown | | | Element: 1958-XX-XX |
| Origin: Natural/Native occurrence | | | Site: 1958-XX-XX |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 1989-08-10 |
| Main Source: WILLIAMS, D. 1980 (LIT) | | | |

Quad Summary: HAMMONDS RANCH (3612076/382C)
 County Summary: FRESNO

| | |
|-----------------------------------|---------------|
| Lat/Long: 36.78077° / -120.71463° | Township: 13S |
| UTM: Zone-10 N4072989 E703940 | Range: 11E |
| Radius: 1 mile | Section: 24 |
| Elevation: 450 ft | Meridian: M |
| Mapping Precision: NON-SPECIFIC | Qtr: SE |
| Symbol Type: POINT | |

Location: 5 MI N, 8 MI E OF MERCY HOT SPRINGS.

General: MVZ SPECIMEN. FROM DRAFT REPORT SUBMITTED TO CDFG IN 1980.

Owner/Manager: UNKNOWN

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|--|------------------|-----------------|---------------------------------|
| Occurrence No. 255 | Map Index: 57223 | EO Index: 57239 | _____ Dates Last Seen _____ |
| Occ Rank: Unknown | | | Element: 1912-06-20 |
| Origin: Natural/Native occurrence | | | Site: 1912-06-20 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 2004-10-05 |
| Main Source: MUSEUM OF VERTEBRATE ZOOLOGY 2004 (MUS) | | | |

Quad Summary: HAMMONDS RANCH (3612076/382C)
 County Summary: FRESNO

| | |
|-----------------------------------|---------------|
| Lat/Long: 36.81725° / -120.72464° | Township: 13S |
| UTM: Zone-10 N4077015 E702950 | Range: 11E |
| Radius: 1 mile | Section: 12 |
| Elevation: 330 ft | Meridian: M |
| Mapping Precision: NON-SPECIFIC | Qtr: NE |
| Symbol Type: POINT | |

Location: LOCATED AT THE MOUTH OF LITTLE PANOCHE CREEK, 3.5 MI NW OF 100 MI MARKER ON CAL. AQUEDUCT & ABOUT 1.5 MILES EAST OF I-5.

General: 32 SPECIMENS (15 MALE, 17 FEMALE) COLLECTED ON 20 JUN 1912 AT THE "MOUTH OF LITTLE PANOCHE CREEK, 18 OR 20 MILES SE LOS BANOS." MVZ CATALOG NUMBERS 16690-16720, 16722. LAT/LONG POINTS USED FOR MAPPING PROVIDED BY MVZ DATABASE.

Owner/Manager: UNKNOWN

Ammospermophilus nelsoni

San Joaquin antelope squirrel

Element Code: AMAFB04040

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G2

CDFG Status:

State: Threatened

State: S2

Habitat Associations

General: WESTERN SAN JOAQUIN VALLEY FROM 200-1200 FT ELEV. ON DRY, SPARSELY VEGETATED LOAM SOILS.

Micro: DIG BURROWS OR USE K-RAT BURROWS. NEED WIDELY SCATTERED SHRUBS, FORBS & GRASSES IN BROKEN TERRAIN WITH GULLIES & WASHES

Occurrence No. 142

Map Index: 12805

EO Index: 24109

Dates Last Seen

Occ Rank: Unknown

Element: 1981-08-27

Origin: Natural/Native occurrence

Site: 1981-08-27

Presence: Presumed Extant

Trend: Unknown

Record Last Updated: 1989-08-10

Main Source: BOLSTER, B. 1981 (LIT)

Quad Summary: TUMEY HILLS (3612056/361C), CHOUNET RANCH (3612066/361B)

County Summary: FRESNO

Lat/Long: 36.52331° / -120.68521°

Township: 15S

UTM: Zone-10 N4055581 E706988

Range: 12E

Radius: 1 mile

Mapping Precision: NON-SPECIFIC

Section: 17

Qtr: XX

Elevation: 800 ft

Symbol Type: POINT

Meridian: M

Location: APPROX 1 MI N ON CONFL PANOCHE AND SILVER CKS, TUMEY HILLS.

General: ONE INDIVIDUAL WAS TRAPPED DURING AUG, 1981 BLM SURVEY.

Owner/Manager: BLM

Ammospermophilus nelsoni

San Joaquin antelope squirrel

Element Code: AMAFB04040

Status
 Federal: None
 State: Threatened

NDDB Element Ranks
 Global: G2
 State: S2

Other Lists
 CDFG Status:

Habitat Associations

General: WESTERN SAN JOAQUIN VALLEY FROM 200-1200 FT ELEV. ON DRY, SPARSELY VEGETATED LOAM SOILS.

Micro: DIG BURROWS OR USE K-RAT BURROWS. NEED WIDELY SCATTERED SHRUBS, FORBS & GRASSES IN BROKEN TERRAIN WITH GULLIES & WASHES

Occurrence No. 87 Map Index: 12727 EO Index: 7327 Dates Last Seen
 Occ Rank: Fair Element: 1993-06-29
 Origin: Natural/Native occurrence Site: 1993-06-29
 Presence: Presumed Extant
 Trend: Stable Record Last Updated: 1993-07-23
 Main Source: WILLIAMS, D. 1980 (LIT)

Quad Summary: TUMEY HILLS (3612056/361C)
 County Summary: FRESNO, SAN BENITO

Lat/Long: 36.57842° / -120.71219° Township: 15S
 UTM: Zone-10 N4050542 E704694 Range: 11E
 Radius: 1/5 mile Mapping Precision: NON-SPECIFIC Section: 36 Qtr: SE
 Elevation: 1,236 ft Symbol Type: POINT Meridian: M

Location: VICINITY OF SAN BENITO/FRESNO CO LINE. PANOCHE RD AT TOP OF JACKASS GRADE.

Location Detail: 5 INDIVIDUALS SEEN, BOTH ADULTS AND JUVENILES.

Ecological: ANNUAL GRASSLAND W/ SCATTERING OF SNAKEWEED, RED BROME, FILAREE, SOFT CHESS, SOME OAT GRASS. SOME LIVESTOCK GRAZING. GIANT K-RAT, LEOPARD LIZARDS, KIT FOX, HORNED LARK, SAN JOAQUIN WOOLY THREADS, HOOVERS WOOLY-STAR ALSO KNOWN FROM THIS AREA

General: 2 CSULB SPECIMENS FROM 1964 REPORTED IN DRAFT REPORT SUBMITTED TO CDFG IN 1980. THIS 18,000 ACRE RANCH IS IN BANKRUPTCY COURT (1993). THIS RANCH BLOCKS UP BLM LAND ON 3 SIDES. AQUISITION WOULD CREATE HOLDING OF 80,000 ACRES OF PUBLIC LAND.

Owner/Manager: PVT-SILVER CREEK RANCH

Occurrence No. 91 Map Index: 12682 EO Index: 24143 Dates Last Seen
 Occ Rank: Unknown Element: 1941-XX-XX
 Origin: Natural/Native occurrence Site: 1941-XX-XX
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: WILLIAMS, D. 1980 (LIT)

Quad Summary: TUMEY HILLS (3612056/361C)
 County Summary: SAN BENITO

Lat/Long: 36.58134° / -120.73545° Township: 15S
 UTM: Zone-10 N4050817 E702605 Range: 11E
 Radius: 1/5 mile Mapping Precision: NON-SPECIFIC Section: 35 Qtr: XX
 Elevation: 1,210 ft Symbol Type: POINT Meridian: M

Location: PANOCHE RD, 1.5 MI W OF FRESNO CO LINE.

General: CSUF SPECIMEN. FROM DRAFT REPORT SUBMITTED TO CDFG IN 1980.

Owner/Manager: UNKNOWN

Occurrence No. 142 Map Index: 12805 EO Index: 24109 Dates Last Seen
 Occ Rank: Unknown Element: 1981-08-27
 Origin: Natural/Native occurrence Site: 1981-08-27
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: BOLSTER, B. 1981 (LIT)

Quad Summary: TUMEY HILLS (3612056/361C), CHOUNET RANCH (3612066/361B)
 County Summary: FRESNO

Lat/Long: 36.62331° / -120.68521° Township: 15S
 UTM: Zone-10 N4055581 E706988 Range: 12E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 17 Qtr: XX
 Elevation: 800 ft Symbol Type: POINT Meridian: M

Location: APPROX 1 MI N ON CONFL PANOCHE AND SILVER CKS, TUMEY HILLS.

General: ONE INDIVIDUAL WAS TRAPPED DURING AUG, 1981 BLM SURVEY.

Owner/Manager: BLM

Ammospermophilus nelsoni

San Joaquin antelope squirrel

Element Code: AMAFB04040

| | | |
|--------------------|--------------------|-------------------------|
| ----- Status ----- | NDDB Element Ranks | ----- Other Lists ----- |
| Federal: None | Global: G2 | CDFG Status: |
| State: Threatened | State: S2 | |

----- Habitat Associations -----

General: WESTERN SAN JOAQUIN VALLEY FROM 200-1200 FT ELEV. ON DRY, SPARSELY VEGETATED LOAM SOILS.

Micro: DIG BURROWS OR USE K-RAT BURROWS. NEED WIDELY SCATTERED SHRUBS, FORBS & GRASSES IN BROKEN TERRAIN WITH GULLIES & WASHES

| | | | |
|-------------------------------------|------------------|----------------|---------------------------------|
| Occurrence No. 160 | Map Index: 26288 | EO Index: 3613 | ----- Dates Last Seen ----- |
| Occ Rank: Good | | | Element: 1992-12-10 |
| Origin: Natural/Native occurrence | | | Site: 1992-12-10 |
| Presence: Presumed Extant | | | Record Last Updated: 1994-10-04 |
| Trend: Unknown | | | |
| Main Source: JOHNSON, D. 1992 (OBS) | | | |

Quad Summary: MONOCLINE RIDGE (3612055/361D)

County Summary: FRESNO

| | |
|-----------------------------------|--------------------|
| Lat/Long: 36.54148° / -120.60256° | Township: 16S |
| UTM: Zone-10 N4046683 E714607 | Range: 13E |
| Radius: 80 meters | Section: 18 |
| Elevation: 1,900 ft | Meridian: M |
| Mapping Precision: SPECIFIC | Symbol Type: POINT |
| | Qtr: NW |

Location: 4.5 MILES SOUTH OF THE MANNING AVENUE EXIT FROM I-5, IN THE CIERVO HILLS.

Location Detail: FOUND ALONG THE RIDGETOP ROAD, ON A NORTH-FACING SLOPE.

Ecological: HABITAT CONSISTS OF NON-NATIVE GRASSLAND, DOMINATED BY BROMUS RUBENS; SPARSE SHRUB COVER.

Threat: POSSIBLE THREAT FROM GRAZING.

General: 1 ADULT OBSERVED ON 10 DECEMBER 1992.

Owner/Manager: BLM

| | | | |
|-------------------------------------|------------------|----------------|---------------------------------|
| Occurrence No. 161 | Map Index: 26289 | EO Index: 3612 | ----- Dates Last Seen ----- |
| Occ Rank: Good | | | Element: 1992-12-10 |
| Origin: Natural/Native occurrence | | | Site: 1992-12-10 |
| Presence: Presumed Extant | | | Record Last Updated: 1994-10-04 |
| Trend: Unknown | | | |
| Main Source: JOHNSON, D. 1992 (OBS) | | | |

Quad Summary: MONOCLINE RIDGE (3612055/361D)

County Summary: FRESNO

| | |
|-----------------------------------|--------------------|
| Lat/Long: 36.53407° / -120.59174° | Township: 16S |
| UTM: Zone-10 N4045885 E715596 | Range: 13E |
| Radius: 80 meters | Section: 18 |
| Elevation: 1,900 ft | Meridian: M |
| Mapping Precision: SPECIFIC | Symbol Type: POINT |
| | Qtr: SE |

Location: 5 MILES SOUTH OF THE MANNING AVENUE EXIT FROM I-5, IN THE CIERVO HILLS.

Location Detail: FOUND ALONG THE RIDGETOP ROAD, ON A NORTH-FACING SLOPE.

Ecological: HABITAT CONSISTS OF NON-NATIVE ANNUAL GRASSLAND, DOMINATED BY BROMUS RUBENS; SPARSE SHRUB COVER.

Threat: POSSIBLE THREAT FROM GRAZING.

General: 1 ADULT OBSERVED ON 10 DECEMBER 1992.

Owner/Manager: BLM

| | | | |
|-------------------------------------|------------------|----------------|---------------------------------|
| Occurrence No. 162 | Map Index: 26291 | EO Index: 3614 | ----- Dates Last Seen ----- |
| Occ Rank: Unknown | | | Element: 1994-08-28 |
| Origin: Natural/Native occurrence | | | Site: 1994-08-28 |
| Presence: Presumed Extant | | | Record Last Updated: 1994-10-04 |
| Trend: Unknown | | | |
| Main Source: DELGADO, B. 1994 (OBS) | | | |

Quad Summary: MONOCLINE RIDGE (3612055/361D)

County Summary: FRESNO

| | |
|-----------------------------------|--------------------|
| Lat/Long: 36.54975° / -120.55274° | Township: 16S |
| UTM: Zone-10 N4047713 E719044 | Range: 13E |
| Radius: 80 meters | Section: 09 |
| Elevation: 800 ft | Meridian: M |
| Mapping Precision: SPECIFIC | Symbol Type: POINT |
| | Qtr: SE |

Location: 4 MILES SE OF THE MANNING AVENUE EXIT FROM I-5, MONOCLINE RIDGE.

Ecological: HABITAT CONSISTS OF SALTBUSH SCRUB, DOMINATED BY RED BROME (HERB) AND ATRIPLEX POLYCARPA (SHRUB). SANDY SOIL AND, SUBSTRATE, ON A SE SLOPE OF 10 DEGREES.

Threat: THREATENED BY HEAVY CATTLE GRAZING.

General: 1 INDIVIDUAL OF UNKNOWN AGE OBSERVED RUNNING DOWN A BURROW ON 28 AUGUST 1994.

Owner/Manager: PVT

Ammospermophilus nelsoni

San Joaquin antelope squirrel

Element Code: AMAFB04040

Status

NDDB Element Ranks

Other Lists

Federal: None
 State: Threatened

Global: G2
 State: S2

CDFG Status:

Habitat Associations

General: WESTERN SAN JOAQUIN VALLEY FROM 200-1200 FT ELEV. ON DRY, SPARSELY VEGETATED LOAM SOILS.

Micro: DIG BURROWS OR USE K-RAT BURROWS. NEED WIDELY SCATTERED SHRUBS, FORBS & GRASSES IN BROKEN TERRAIN WITH GULLIES & WASHES

Occurrence No. 163 Map Index: 26290 EO Index: 3611 Dates Last Seen
 Occ Rank: Unknown Element: 1994-08-28
 Origin: Natural/Native occurrence Site: 1994-08-28
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1994-10-04
 Main Source: FINN, F. ET AL 1994 (OBS)

Quad Summary: MONOCLINE RIDGE (3612055/361D)

County Summary: FRESNO

Lat/Long: 36.50274° / -120.56808° Township: 16S
 UTM: Zone-10 N4042462 E717803 Range: 13E
 Radius: 80 meters Mapping Precision: SPECIFIC Section: 28 Qtr: SW
 Elevation: 2,240 ft Symbol Type: POINT Meridian: M

Location: 7 MILES SOUTH OF THE MANNING EXIT FROM I-5, IN THE CIERVO HILLS.

Ecological: HABITAT CONSISTS OF ANNUAL GRASSLAND, DOMINATED BY RED BROME, WITH SPARSE SHRUBS.

General: 1 ADULT OBSERVED ON 28 AUGUST 1994.

Owner/Manager: BLM

Occurrence No. 175 Map Index: 34114 EO Index: 30258 Dates Last Seen
 Occ Rank: Unknown Element: 1984-05-XX
 Origin: Natural/Native occurrence Site: 1984-05-XX
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1997-02-11
 Main Source: LONGWOOD, M. 1984 (OBS)

Quad Summary: LEVIS (3612054/360C), MONOCLINE RIDGE (3612055/361D)

County Summary: FRESNO

Lat/Long: 36.52804° / -120.49978° Township: 16S
 UTM: Zone-10 N4045426 E723848 Range: 13E
 Radius: 1/5 mile Mapping Precision: NON-SPECIFIC Section: 24 Qtr: NE
 Elevation: 730 ft Symbol Type: POINT Meridian: M

Location: MARTIN RANCH (LILLIS RANCH), 0.8 MILES WEST SOUTHWEST OF I-5 AT KAMM AVENUE OVERPASS.

Ecological: ROLLING HILLS OF THE INNER COAST RANGE. 46,000 ACRE RANCH - 2/3 TO 3/4 OF WHICH IS GRASSLAND.

General: 2 INDIVIDUALS OBSERVED. PART OF SVRA FEASIBILITY STUDY, DPR 1984.

Owner/Manager: PVT

Occurrence No. 176 Map Index: 34115 EO Index: 30257 Dates Last Seen
 Occ Rank: Unknown Element: 1984-05-XX
 Origin: Natural/Native occurrence Site: 1984-05-XX
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1997-02-25
 Main Source: LONGWOOD, M. 1984 (OBS)

Quad Summary: MONOCLINE RIDGE (3612055/361D)

County Summary: FRESNO

Lat/Long: 36.52707° / -120.52188° Township: 16S
 UTM: Zone-10 N4045267 E721871 Range: 13E
 Radius: 1/5 mile Mapping Precision: NON-SPECIFIC Section: 23 Qtr: NE
 Elevation: 920 ft Symbol Type: POINT Meridian: M

Location: MARTIN RANCH (LILLIS RANCH), ABOUT 4.5 MILES SOUTH OF CHANEY PUMPING STATION AND EAST OF MONOCLINE RIDGE.

Ecological: ROLLING HILLS OF THE INNER COAST RANGE. 46,000 ACRE RANCH - 2/3 TO 3/4 OF WHICH IS GRASSLAND.

General: 1 INDIVIDUAL OBSERVED. PART OF SVRA FEASIBILITY STUDY, DPR 1984.

Owner/Manager: PVT

Ammospermophilus nelsoni

San Joaquin antelope squirrel

Element Code: AMAFB04040

Status
 Federal: None
 State: Threatened

NDDB Element Ranks
 Global: G2
 State: S2

Other Lists
 CDFG Status:

Habitat Associations

General: WESTERN SAN JOAQUIN VALLEY FROM 200-1200 FT ELEV. ON DRY, SPARSELY VEGETATED LOAM SOILS.

Micro: DIG BURROWS OR USE K-RAT BURROWS. NEED WIDELY SCATTERED SHRUBS, FORBS & GRASSES IN BROKEN TERRAIN WITH GULLIES & WASHES

Occurrence No. 175 Map Index: 34114 EO Index: 30258 Dates Last Seen
 Occ Rank: Unknown Element: 1984-05-XX
 Origin: Natural/Native occurrence Site: 1984-05-XX
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1997-02-11
 Main Source: LONGWOOD, M. 1984 (OBS)

Quad Summary: LEVIS (3612054/360C), MONOCLINE RIDGE (3612055/361D)

County Summary: FRESNO

Lat/Long: 36.52804° / -120.49978° Township: 16S
 UTM: Zone-10 N4045426 E723848 Range: 13E
 Radius: 1/5 mile Mapping Precision: NON-SPECIFIC Section: 24 Qtr: NE
 Elevation: 730 ft Symbol Type: POINT Meridian: M

Location: MARTIN RANCH (LILLIS RANCH), 0.8 MILES WEST SOUTHWEST OF I-5 AT KAMM AVENUE OVERPASS.

Ecological: ROLLING HILLS OF THE INNER COAST RANGE. 46,000 ACRE RANCH - 2/3 TO 3/4 OF WHICH IS GRASSLAND.

General: 2 INDIVIDUALS OBSERVED. PART OF SVRA FEASIBILITY STUDY, DPR 1984.

Owner/Manager: PVT

Occurrence No. 177 Map Index: 34116 EO Index: 30256 Dates Last Seen
 Occ Rank: Unknown Element: 1984-05-XX
 Origin: Natural/Native occurrence Site: 1984-05-XX
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1997-02-25
 Main Source: LONGWOOD, M. 1984 (OBS)

Quad Summary: LEVIS (3612054/360C), MONOCLINE RIDGE (3612055/361D)

County Summary: FRESNO

Lat/Long: 36.51465° / -120.50379° Township: 16S
 UTM: Zone-10 N4043931 E723527 Range: 13E
 Radius: 1/5 mile Mapping Precision: NON-SPECIFIC Section: 25 Qtr: NE
 Elevation: 920 ft Symbol Type: POINT Meridian: M

Location: MARTIN RANCH (LILLIS RANCH), ABOUT 5 MILES SOUTH OF CHANEY PUMPING STATION, EAST OF MONOCLINE RIDGE, NEAR POWER LINES.

Ecological: ROLLING HILLS OF THE INNER COAST RANGE. 46,000 ACRE RANCH - 2/3 TO 3/4 OF WHICH IS GRASSLANDS.

General: 3 INDIVIDUALS OBSERVED. PART OF A SVRA FEASIBILITY STUDY, DPR 1984.

Owner/Manager: PVT

Ammospermophilus nelsoni

San Joaquin antelope squirrel

Element Code: AMAFB04040

Status
 Federal: None
 State: Threatened

NDDB Element Ranks
 Global: G2
 State: S2

Other Lists
 CDFG Status:

Habitat Associations

General: WESTERN SAN JOAQUIN VALLEY FROM 200-1200 FT ELEV. ON DRY, SPARSELY VEGETATED LOAM SOILS.

Micro: DIG BURROWS OR USE K-RAT BURROWS. NEED WIDELY SCATTERED SHRUBS, FORBS & GRASSES IN BROKEN TERRAIN WITH GULLIES & WASHES

| | | | |
|--------------------------------------|------------------|-----------------|---------------------------------|
| Occurrence No. 177 | Map Index: 34116 | EO Index: 30256 | Dates Last Seen |
| Occ Rank: Unknown | | | Element: 1984-05-XX |
| Origin: Natural/Native occurrence | | | Site: 1984-05-XX |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 1997-02-25 |
| Main Source: LONGWOOD, M. 1984 (OBS) | | | |

Quad Summary: LEVIS (3612054/360C), MONOCLINE RIDGE (3612055/361D)
 County Summary: FRESNO

| | |
|-----------------------------------|---------------|
| Lat/Long: 36.51465° / -120.50379° | Township: 16S |
| UTM: Zone-10 N4043931 E723527 | Range: 13E |
| Radius: 1/5 mile | Section: 25 |
| Elevation: 920 ft | Meridian: M |
| Mapping Precision: NON-SPECIFIC | Qtr: NE |
| Symbol Type: POINT | |

Location: MARTIN RANCH (LILLIS RANCH), ABOUT 5 MILES SOUTH OF CHANEY PUMPING STATION, EAST OF MONOCLINE RIDGE, NEAR POWER LINES.

Ecological: ROLLING HILLS OF THE INNER COAST RANGE. 46,000 ACRE RANCH - 2/3 TO 3/4 OF WHICH IS GRASSLANDS.

General: 3 INDIVIDUALS OBSERVED. PART OF A SVRA FEASIBILITY STUDY, DPR 1984.

Owner/Manager: PVT

Ammospermophilus nelsoni

San Joaquin antelope squirrel

Element Code: AMAFB04040

Status
 Federal: None
 State: Threatened

NDDB Element Ranks
 Global: G2
 State: S2

Other Lists
 CDFG Status:

Habitat Associations

General: WESTERN SAN JOAQUIN VALLEY FROM 200-1200 FT ELEV. ON DRY, SPARSELY VEGETATED LOAM SOILS.

Micro: DIG BURROWS OR USE K-RAT BURROWS. NEED WIDELY SCATTERED SHRUBS, FORBS & GRASSES IN BROKEN TERRAIN WITH GULLIES & WASHES

Occurrence No. 143 Map Index: 12941 EO Index: 30649 Dates Last Seen
 Occ Rank: Unknown Element: 1981-09-03
 Origin: Natural/Native occurrence Site: 1981-09-03
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1997-03-18
 Main Source: BOLSTER, B. 1981 (LIT)

Quad Summary: TUMEY HILLS (3612056/361C)

County Summary: FRESNO

Lat/Long: 36.56005° / -120.64933° Township: 16S
 UTM: Zone-10 N4048640 E710369 Range: 12E
 Area: 1,287.1 ac Mapping Precision: NON-SPECIFIC Section: 03 Qtr: XX
 Elevation: 1,400 ft Symbol Type: POLYGON Meridian: M

Location: TUMEY HILLS, ABOUT 4 MILES SOUTHEAST OF THE CONFLUENCE OF PANOCHE CREEK AND SILVER CREEK.

Location Detail: FOUND IN SECTION 3 AND SECTION 10.

General: ONE INDIVIDUAL TRAPPED AND RELEASED IN SECTION 10 ON 9/2/81, AND ONE INDIVIDUAL TRAPPED IN SECTION 3 ON 9/3/81. PART OF A 1981 BLM SURVEY.

Owner/Manager: BLM

Occurrence No. 171 Map Index: 34110 EO Index: 30248 Dates Last Seen
 Occ Rank: Fair Element: 1991-11-29
 Origin: Natural/Native occurrence Site: 1991-11-29
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1997-02-21
 Main Source: ELY, E. 1991 (OBS)

Quad Summary: TUMEY HILLS (3612056/361C)

County Summary: FRESNO

Lat/Long: 36.60281° / -120.66419° Township: 15S
 UTM: Zone-10 N4053352 E708923 Range: 12E
 Radius: 1/5 mile Mapping Precision: NON-SPECIFIC Section: 28 Qtr: NE
 Elevation: 1,160 ft Symbol Type: POINT Meridian: M

Location: TUMEY HILLS, 1.3 MILES SOUTH SOUTHEAST OF GAGING STATION 572 ON PANOCHE CREEK AND 1.2 MILES EAST OF SILVER CREEK.

Location Detail: LARGE PLATEAU IN THE NORTHERN SECTION OF TUMEY HILLS, SIGHTED FROM VEHICLE NEAR MAIN BLM ROAD, AT BURROW.

Ecological: SAN JOAQUIN GRASSLAND, WITH SPARCE SALTBUUSH. RANGELAND NOT GRAZED SINCE 1989 (DROUGHT HAS BEEN SEVERE HERE).

Threat: GRAZING

General: AREA COULD BE PROTECTED UNDER BLM MANAGEMENT. 1 ADULT OBSERVED.

Owner/Manager: BLM

Occurrence No. 172 Map Index: 34111 EO Index: 30648 Dates Last Seen
 Occ Rank: Unknown Element: 1990-05-05
 Origin: Natural/Native occurrence Site: 1990-05-05
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1997-02-06
 Main Source: ELY, E. 1990 (OBS)

Quad Summary: TUMEY HILLS (3612056/361C)

County Summary: FRESNO

Lat/Long: 36.57719° / -120.69542° Township: 15S
 UTM: Zone-10 N4050442 E706198 Range: 12E
 Radius: 80 meters Mapping Precision: SPECIFIC Section: 31 Qtr: SE
 Elevation: 740 ft Symbol Type: POINT Meridian: M

Location: WEST SIDE OF PANOCHE ROAD, 2.1 AIR MILES SOUTH SOUTHWEST OF THE CONFLUENCE OF PANOCHE AND SILVER CREEKS.

General: OBSERVED BY ED ELY FROM PANOCHE ROAD.

Owner/Manager: UNKNOWN

Ammospermophilus nelsoni

San Joaquin antelope squirrel

Element Code: AMAFB04040

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G2

CDFG Status:

State: Threatened

State: S2

Habitat Associations

General: WESTERN SAN JOAQUIN VALLEY FROM 200-1200 FT ELEV. ON DRY, SPARSELY VEGETATED LOAM SOILS.

Micro: DIG BURROWS OR USE K-RAT BURROWS. NEED WIDELY SCATTERED SHRUBS, FORBS & GRASSES IN BROKEN TERRAIN WITH GULLIES & WASHES

Occurrence No. 263

Map Index: 57919

EO Index: 57935

Dates Last Seen

Occ Rank: Unknown

Element: 1954-12-XX

Origin: Natural/Native occurrence

Site: 1954-12-XX

Presence: Presumed Extant

Trend: Unknown

Record Last Updated: 2004-11-05

Main Source: HAWBECKER, A. 1958 (LIT)

Quad Summary: TUMEY HILLS (3612056/361C)

County Summary: FRESNO, SAN BENITO

Lat/Long: 36.59752° / -120.72414°

UTM: Zone-10 N4052637 E703574

Radius: 1 mile

Elevation: 1,200 ft

Township: 15S

Range: 11E

Section: 25

Meridian: M

Qtr: XX

Mapping Precision: NON-SPECIFIC

Symbol Type: POINT

Location: LOCATED 6 MILES EAST OF PANOCHE AND ABOUT 1 MILE EAST OF SAN BENITO/FRESNO COUNTY BORDERS.

Ecological: HABITAT IS VALLEY GRASSLAND DOMINATED BY: EPHEDRA CALIFORNICA, JUNIPERUS CALIFORNICUS, GUTIERREZA CALIFORNICA, POA SCABRELLA, BROMUS RUBENS AND ERODIUM CICULTARIUM.

General: 240 INDIVIDUALS (116 FEMALES AND 124 MALES) TRAPPED BETWEEN NOV 1947 AND DEC 1954.

Owner/Manager: UNKNOWN

Anniella pulchra pulchra

silvery legless lizard

| | | | |
|---------------|---------------------|--------------------------|-----------------|
| Status | NDDDB Element Ranks | Element Code: ARACC01012 | Other Lists |
| Federal: None | Global: G3G4T3T4Q | | |
| State: None | State: S3 | | CDFG Status: SC |

Habitat Associations

General: SANDY OR LOOSE LOAMY SOILS UNDER SPARSE VEGETATION.
 Micro: SOIL MOISTURE IS ESSENTIAL. THEY PREFER SOILS WITH A HIGH MOISTURE CONTENT.

| | | | |
|---|------------------|-----------------|---------------------------------|
| Occurrence No. 27 | Map Index: 54720 | EO Index: 54720 | Dates Last Seen |
| Occ Rank: Excellent | | | Element: 2001-12-10 |
| Origin: Natural/Native occurrence | | | Site: 2001-12-10 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 2004-03-17 |
| Main Source: PAPPENFUSS, T. J. 2001 (OBS) | | | |

Quad Summary: TUMEY HILLS (3612056/361C)
 County Summary: FRESNO

| | |
|-----------------------------------|---------------|
| Lat/Long: 36.61679° / -120.65683° | Township: 15S |
| UTM: Zone-10 N4054919 E709544 | Range: 12E |
| Radius: 1/10 mile | Section: 22 |
| Elevation: 680 ft | Meridian: M |
| Mapping Precision: NON-SPECIFIC | Qtr: NW |
| Symbol Type: POINT | |

Location: ALONG A (DRY) TRIBUTARY TO PANOCHÉ CREEK, IN THE TUMEY HILLS

Ecological: HABITAT CONSISTS OF GRASSLAND; SANDY SOIL AT THE EDGE OF A DRY STREAM. SURROUNDING AREA IS SEASONALLY GRAZED.

General: 1 ADULT AND 1 JUVENILE COLLECTED (MVZ 232689) ON 10 DEC 2001.

Owner/Manager: BLM

Asio flammeus

short-eared owl

Element Code: ABNSB13040

Status _____

NDDB Element Ranks _____

Other Lists _____

Federal: None

Global: G5

CDFG Status: SC

State: None

State: S3

Habitat Associations _____

General: (NESTING) FOUND IN SWAMP LANDS, BOTH FRESH AND SALT; LOWLAND MEADOWS; IRRIGATED ALFALFA FIELDS.

Micro: TULE PATCHES/TALL GRASS NEEDED FOR NESTING/DAYTIME SECLUSION. NESTS ON DRY GROUND IN DEPRESSION CONCEALED IN VEGETATION.

Occurrence No. 14

Map Index: 49800

EO Index: 49800

Dates Last Seen _____

Occ Rank: Unknown

Element: 1993-02-17

Origin: Natural/Native occurrence

Site: 1993-02-17

Presence: Presumed Extant

Trend: Unknown

Record Last Updated: 2003-01-07

Main Source: VANHERWEG, B. 1993 (OBS)

Quad Summary: LEVIS (3612054/360C)

County Summary: FRESNO

Lat/Long: 36.54757° / -120.48788°

Township: 16S

UTM: Zone-10 N4047621 E724857

Range: 14E

Radius: 1/10 mile

Mapping Precision: NON-SPECIFIC

Section: 07

Qtr: SW

Elevation: 500 ft

Symbol Type: POINT

Meridian: M

Location: BETWEEN CA. AQUEDUCT AND HWY 5, 1.25 MI N OF KAMM AVE EXIT OFF I-5, JUST N OF PANOCHE JUNCTION.

Location Detail: AT MILEPOST 426.75, 500' EAST OF EXISTING GAS PIPELINE.

Ecological: NON-NATIVE GRASSLAND; TALL CULTIVATED WEED FIELDS.

General: 2 ADULTS WERE OBSERVED IN TALL GRASS, POSSIBLY NESTING OR ESTABLISHING A NEST SITE.

Owner/Manager: UNKNOWN

Asio flammeus

short-eared owl

Status _____ NDDDB Element Ranks _____ Element Code: ABNSB13040 _____ Other Lists _____
Federal: None Global: G5 CDFG Status: SC
State: None State: S3

Habitat Associations _____

General: (NESTING) FOUND IN SWAMP LANDS, BOTH FRESH AND SALT; LOWLAND MEADOWS; IRRIGATED ALFALFA FIELDS.
Micro: TULE PATCHES/TALL GRASS NEEDED FOR NESTING/DAYTIME SECLUSION. NESTS ON DRY GROUND IN DEPRESSION CONCEALED IN VEGETATION.

Occurrence No. 13 Map Index: 49790 EO Index: 49790 Dates Last Seen _____
Occ Rank: Unknown Element: 1993-02-17
Origin: Natural/Native occurrence Site: 1993-02-17
Presence: Presumed Extant
Trend: Unknown Record Last Updated: 2003-01-07
Main Source: VANHERWEG, B. 1993 (OBS)

Quad Summary: MONOCLINE RIDGE (3612055/361D)
County Summary: FRESNO

Lat/Long: 36.58443° / -120.51749° Township: 15S
UTM: Zone-10 N4051642 E722100 Range: 13E
Radius: 1/10 mile Mapping Precision: NON-SPECIFIC Section: 35 Qtr: NE
Elevation: 440 ft Symbol Type: POINT Meridian: M

Location: APPROX. 0.25 MI SW OF INTERSECTION OF NEWCOMB AND DINUBA RD. APPROX 4 MI SE OF MANNING AVE EXIT OFF I-5.
Location Detail: AT MILEPOST 423.9 ALONG EXISTING GAS PIPELINE.
Ecological: NON-NATIVE GRASSLAND AND CULTIVATED WEEDY FIELDS
General: 2 ADULTS WERE OBSERVED IN TALL GRASS POSSIBLY NESTING OR ESTABLISHING A NEST SITE.
Owner/Manager: PVT

Athene cunicularia

burrowing owl

Status _____ Element Code: ABNSB10010
Federal: None NDDB Element Ranks _____ Other Lists _____
State: None Global: G4 CDFG Status: SC
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. 516 Map Index: 49094 EO Index: 49094 Dates Last Seen _____
Occ Rank: Fair Element: 2002-08-28
Origin: Natural/Native occurrence Site: 2002-08-28
Presence: Presumed Extant
Trend: Unknown Record Last Updated: 2002-10-22
Main Source: VANCE, J. 2002 (OBS)

Quad Summary: HAMMONDS RANCH (3612076/382C), LAGUNA SECA RANCH (3612077/383D)
County Summary: FRESNO

Lat/Long: 36.84530° / -120.75122° Township: 12S
UTM: Zone-10 N4080071 E700506 Range: 11E
Radius: 80 meters Mapping Precision: SPECIFIC Section: 34 Qtr: NE
Elevation: 350 ft Symbol Type: POINT Meridian: M

Location: EAST SIDE OF THE CALIFORNIA AQUEDUCT, BETWEEN MILE MARKERS 94.0L AND 94.5L, 1.5 MILES SE OF THE MER/FRE COUNTY LINE
Location Detail: LOCATED JUST SOUTH OF THE LEES AVENUE CROSSING.
Ecological: HABITAT CONSISTS OF NON-NATIVE GRASSLAND, DOMINATED BY RED BROME, OATS, TOCOLATE, ETC; ROW CROPS SURROUND THE AQUEDUCT RIGHT-OF-WAY.
Threat: THREATENED BY UNAUTHORIZED PUBLIC ENCROACHMENT AND DWR MAINTENANCE ACTIVITIES.
General: 3 ADULTS AND 6 ACTIVE BURROWS OBSERVED ON 28 AUG 2002.
Owner/Manager: DWR, BOR

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. 217

Map Index: 26292

EO Index: 3616

Dates Last Seen

Occ Rank: Unknown

Element: 1994-06-XX

Origin: Natural/Native occurrence

Site: 1994-06-XX

Presence: Presumed Extant

Trend: Unknown

Record Last Updated: 1995-04-12

Main Source: JOHNSON, D. 1994 (OBS)

Quad Summary: MONOCLINE RIDGE (3612055/361D)

County Summary: FRESNO

Lat/Long: 36.55880° / -120.53549°

Township: 16S

UTM: Zone-10 N4048757 E720562

Range: 13E

Radius: 80 meters

Mapping Precision: SPECIFIC

Section: 10

Qtr: NE

Elevation: 620 ft

Symbol Type: POINT

Meridian: M

Location: 0.5 MILE WEST OF I-5, AT THE EASTERN EDGE OF MONOCLINE RIDGE.

Location Detail: SITE IS LOCATED ~2.5 MILES SSW OF CHANEY PUMPING STATION, AT THE INTERSECTION OF NEWCOMB AVENUE AND DINUBA AVENUE.

Ecological: HABITAT CONSISTS OF SALT BUSH SCRUB/NON-NATIVE GRASSLAND.

General: NEST SITE. ONE ADULT OBSERVED AT TOP OF MOUND, NEAR THE ROADSIDE.

Owner/Manager: PVT

Atriplex vallicola

Lost Hills crownscale

Element Code: PDCHE04250

| | | |
|--------------------|--------------------------------|-------------------------|
| _____ Status _____ | _____ NDDB Element Ranks _____ | _____ Other Lists _____ |
| Federal: None | Global: G1 | CNPS List: 1B |
| State: None | State: S1.1 | R-E-D Code: 2-2-3 |

_____ Habitat Associations _____

General: CHENOPOD SCRUB, VALLEY AND FOOTHILL GRASSLAND, VERNAL POOLS.

Micro: IN POWDERY, ALKALINE SOILS THAT ARE VERNALLY MOIST WITH FRANKENIA, ATRIPLEX SPP. AND DISTICHLIS. 0-605M.

| | | | |
|-------------------------------------|------------------|-----------------|---------------------------------|
| Occurrence No. 58 | Map Index: 58894 | EO Index: 58930 | _____ Dates Last Seen _____ |
| Occ Rank: Good | | | Element: 2002-05-07 |
| Origin: Natural/Native occurrence | | | Site: 2002-05-07 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 2004-12-21 |
| Main Source: PRESTON, R. 2002 (OBS) | | | |

Quad Summary: TUMEY HILLS (3612056/361C)

County Summary: FRESNO

| | |
|-----------------------------------|---------------|
| Lat/Long: 36.61440° / -120.64442° | Township: 15S |
| UTM: Zone-10 N4054682 E710660 | Range: 12E |
| Area: 11.1 ac | Section: 22 |
| Elevation: 750 ft | Meridian: M |
| Mapping Precision: SPECIFIC | Qtr: NE |
| Symbol Type: POLYGON | |

Location: TUMEY HILLS, ABOUT 2 MILES SOUTHWEST OF JUNCTION OF I-5 AND PANOCHÉ ROAD.

Location Detail: MAPPED WITHIN THE S 1/2 OF SECTION 15 AND THE NE 1/4 OF SECTION 22.

Ecological: BARREN AREAS WITHIN ANNUAL GRASSLAND, ON GYPSUM-RICH CLAY SOIL. ASSOCIATED WITH BROMUS MADRITENSIS SSP. RUBENS, LEPIDIUM DICTYOTUM, ERIOGONUM GRACILLIMUM, E. ORDII, DEINANDRA KELLOGGII, AND SCHISMUS ARABICUS.

Threat: SHEEP GRAZING; PROPOSED POWERLINE AND ACCESS/MAINTENANCE ROAD.

General: UNKNOWN NUMBER OF PLANTS SEEN IN 2002. AREA ALSO SURVEYED APRIL 26, 2001.

Owner/Manager: BLM, PVT

Atriplex vallicola

Lost Hills crownscale

Element Code: PDCHE04250

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G1

CNPS List: 1B

State: None

State: S1.1

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

Habitat Associations

General: CHENOPOD SCRUB, VALLEY AND FOOTHILL GRASSLAND, VERNAL POOLS.

Micro: IN POWDERY, ALKALINE SOILS THAT ARE VERNALLY MOIST WITH FRANKENIA, ATRIPLEX SPP. AND DISTICHLIS. 0-605M.

Threat: CATTLE GRAZING; PROPOSED POWERLINE AND ACCESS-MAINTENANCE ROAD.

General: EXTENSIVE OCCURRENCE. UNKNOWN NUMBER OF PLANTS SEEN IN 2002 DURING SURVEY OF 200 FEET WIDE CORRIDOR. UNKNOWN NUMBER OF PLANTS SEEN IN 2003.

Owner/Manager: PVT

| | | | |
|-------------------------------------|------------------|-----------------|---------------------------------|
| Occurrence No. 57 | Map Index: 58893 | EO Index: 58929 | Dates Last Seen |
| Occ Rank: Unknown | | | Element: 2002-05-08 |
| Origin: Natural/Native occurrence | | | Site: 2002-05-08 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 2004-12-21 |
| Main Source: PRESTON, R. 2002 (OBS) | | | |

Quad Summary: MONOCLINE RIDGE (3612055/361D)

County Summary: FRESNO

| | |
|-----------------------------------|---------------|
| Lat/Long: 36.56751° / -120.59523° | Township: 16S |
| UTM: Zone-10 N4049588 E715190 | Range: 13E |
| Area: 0.4 ac | Section: 06 |
| Elevation: 1,000 ft | Meridian: M |
| Mapping Precision: SPECIFIC | Qtr: SE |
| Symbol Type: POLYGON | |

Location: CIERVO HILLS, EAST OF TUMEY GULCH, NORTH END OF MONOCLINE RIDGE.

Location Detail: MAPPED WITHIN THE NW 1/4 OF THE SE 1/4 OF SECTION 6.

Ecological: BARREN SLOPES IN ANNUAL GRASSLAND MATRIX, ON GYPSUM-RICH CLAY SOILS. WITH BROMUS MADRITENSIS SSP. RUBENS, MONOLEPIS NUTTALLIANA, SCHISMUS BARBATUS, MENTZELIA AFFINIS, AND ATRIPLEX POLYCARPA.

Threat: CATTLE GRAZING; PROPOSED POWERLINE AND ACCESS-MAINTENANCE ROAD.

General: UNKNOWN NUMBER OF PLANTS SEEN IN 2002 DURING SURVEY OF 200 FEET WIDE CORRIDOR.

Owner/Manager: PVT

Atriplex vallicola

Lost Hills crownscale

Element Code: PDCHE04250

Status _____ NDDB Element Ranks _____ Other Lists _____
 Federal: None Global: G1 CNPS List: 1B
 State: None State: S1.1 R-E-D Code: 2-2-3

Habitat Associations

General: CHENOPOD SCRUB, VALLEY AND FOOTHILL GRASSLAND, VERNAL POOLS.

Micro: IN POWDERY, ALKALINE SOILS THAT ARE VERNALLY MOIST WITH FRANKENIA, ATRIPLEX SPP. AND DISTICHLIS. 0-605M.

Occurrence No. 54 Map Index: 58886 EO Index: 58922 Dates Last Seen _____
 Occ Rank: Excellent Element: 2003-03-27
 Origin: Natural/Native occurrence Site: 2003-03-27
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2004-12-21
 Main Source: PRESTON, R. 2003 (OBS)

Quad Summary: MONOCLINE RIDGE (3612055/361D)

County Summary: FRESNO

Lat/Long: 36.53422° / -120.53940° Township: 16S
 UTM: Zone-10 N4046021 E720282 Range: 13E
 Area: 6.5 ac Mapping Precision: SPECIFIC Section: 15 Qtr: SE
 Elevation: 1,000 ft Symbol Type: POLYGON Meridian: M

Location: CIERVO HILLS, ALONG EAST SLOPE OF MONOCLINE ROAD, ABOUT 1.7 MILES SW OF I-5 AT KAMM AVENUE EXIT.

Location Detail: 4 COLONIES MAPPED WITHIN THE SE 1/4 OF SECTION 15.

Ecological: GROWING ON GYPSUM-RICH CLAY BARRENS, WITH ATRIPLEX SPINIDERA, PLANTAGO OVATA, MALACOTHRIX COULTERI, MONOLEPIA STRICTA, MONOLEPIA NUTTALLIANA, AND ERIOGONUM GRACILLIMUM.

Threat: CATTLE GRAZING AND PROPOSED POWERLINE ACCESS ROAD.

General: UNKNOWN NUMBER OF PLANTS SEEN IN 2003.

Owner/Manager: UNKNOWN

Occurrence No. 55 Map Index: 58888 EO Index: 58924 Dates Last Seen _____
 Occ Rank: Good Element: 2002-05-08
 Origin: Natural/Native occurrence Site: 2002-05-08
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2004-12-21
 Main Source: PRESTON, R. 2002 (OBS)

Quad Summary: MONOCLINE RIDGE (3612055/361D)

County Summary: FRESNO

Lat/Long: 36.54266° / -120.55182° Township: 16S
 UTM: Zone-10 N4046929 E719146 Range: 13E
 Area: 3.9 ac Mapping Precision: SPECIFIC Section: 16 Qtr: NE
 Elevation: 980 ft Symbol Type: POLYGON Meridian: M

Location: CIERVO HILLS, MONOCLINE RIDGE, NORTHEAST OF UNNAMED RESERVOIR.

Location Detail: MAPPED WITHIN THE NE 1/4 OF THE NE 1/4 OF SECTION 16.

Ecological: GYPSUM-RICH CLAY BARREN.

Threat: CATTLE GRAZING AND PROPOSED POWERLINE ACCESS ROAD.

General: UNKNOWN NUMBER OF PLANTS SEEN IN 2003.

Owner/Manager: UNKNOWN

Occurrence No. 56 Map Index: 58889 EO Index: 58925 Dates Last Seen _____
 Occ Rank: Good Element: 2003-04-23
 Origin: Natural/Native occurrence Site: 2003-04-23
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2004-12-21
 Main Source: PRESTON, R. 2002 (OBS)

Quad Summary: MONOCLINE RIDGE (3612055/361D)

County Summary: FRESNO

Lat/Long: 36.54877° / -120.56552° Township: 16S
 UTM: Zone-10 N4047575 E717902 Range: 13E
 Area: 22.5 ac Mapping Precision: SPECIFIC Section: 09 Qtr: XX
 Elevation: 725 ft Symbol Type: POLYGON Meridian: M

Location: CIERVO HILLS, MONOCLINE RIDGE, ABOUT 2.5 MILES SOUTHWEST OF I-5 AT MANNING AVENUE EXIT.

Location Detail: SEVERAL COLONIES MAPPED ALONG PROPOSED POWERLINE CORRIDOR WITHIN SECTIONS 6, 8, 9, AND 16.

Ecological: BARREN SLOPES IN ANNUAL GRASSLAND MATRIX, ON GYPSUM-RICH CLAY SOILS. WITH BROMUS MADRITENSIS SSP. RUBENS, MONOLEPIS NUTTALLIANA, SCHISMUS BARBATUS, MENTZELIA AFFINIS, AND ATRIPLEX POLYCARPA.

Atriplex vallicola

Lost Hills crownscale

Element Code: PDCHE04250

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G1

CNPS List: 1B

State: None

State: S1.1

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

Habitat Associations

General: CHENOPOD SCRUB, VALLEY AND FOOTHILL GRASSLAND, VERNAL POOLS.

Micro: IN POWDERY, ALKALINE SOILS THAT ARE VERNALLY MOIST WITH FRANKENIA, ATRIPLEX SPP. AND DISTICHLIS. 0-605M.

Occurrence No. 52 Map Index: 58877 EO Index: 58913 Dates Last Seen
 Occ Rank: Good Element: 2002-05-08
 Origin: Natural/Native occurrence Site: 2002-05-08
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2004-12-21
 Main Source: PRESTON, R. 2002 (OBS)

Quad Summary: LILLIS RANCH (3612044/338B), LEVIS (3612054/360C), MONOCLINE RIDGE (3612055/361D)
 County Summary: FRESNO

Lat/Long: 36.51185° / -120.50787° Township: 16S
 UTM: Zone-10 N4043612 E723169 Range: 13E
 Area: 70.9 ac Mapping Precision: SPECIFIC Section: 25 Qtr: XX
 Elevation: 1,000 ft Symbol Type: POLYGON Meridian: M

Location: CIERVO HILLS, WEST OF I-5 AND EAST OF MONOCLINE RIDGE.
 Location Detail: SEVERAL COLONIES OCCUPYING PROPOSED PIPELINE CORRIDOR IN SECTIONS 23, 24, 25, 31, AND 6.
 Ecological: SOUTH AND WEST FACING BARREN SLOPES OF GYPSUM RICH CLAY SOILS. WITH SCATTERED ATRIPLEX POLYCARPA, BROMUS MADRITENSIS SSP. RUBENS.
 Threat: CATTLE GRAZING AND PROPOSED POWERLINE WITH ACCESS/MAINTENANCE ROAD.
 General: EXTENSIVE OCCURRENCE. UNKNOWN NUMBER OF PLANTS SEEN IN 2002 DURING SURVEY OF 200 FEET WIDE CORRIDOR. UNKNOWN NUMBER OF PLANTS SEEN IN 2003.
 Owner/Manager: PVT

Occurrence No. 53 Map Index: 58880 EO Index: 58916 Dates Last Seen
 Occ Rank: Good Element: 2002-05-08
 Origin: Natural/Native occurrence Site: 2002-05-08
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2004-12-21
 Main Source: PRESTON, R. 2002 (OBS)

Quad Summary: MONOCLINE RIDGE (3612055/361D)
 County Summary: FRESNO

Lat/Long: 36.51819° / -120.52396° Township: 16S
 UTM: Zone-10 N4044277 E721710 Range: 13E
 Area: 0.7 ac Mapping Precision: SPECIFIC Section: 23 Qtr: SW
 Elevation: 1,250 ft Symbol Type: POLYGON Meridian: M

Location: CIERVO HILLS, MONOCLINE RIDGE, ABOUT 5 MILES SOUTH OF THE CHANEY PUMPING STATION.
 Location Detail: MAPPED WITHIN THE SE 1/4 OF THE SW 1/4 OF SECTION 23.
 Ecological: BAREENS IN ANNUAL GRASSLAND AND SPARSE ATRIPLEX POLYCARPA SCRUB. ON GRAVELLY CLAY SOILS WITH BROMUS MADRITENSIS SSP. RUBENS.
 Threat: CATTLE GRAZING AND PROPOSED POWERLINE WITH ACCESS/MAINTENANCE ROAD.
 General: UNKNOWN NUMBER OF PLANTS SEEN IN 2002 DURING SURVEY OF 200 FEET WIDE CORRIDOR.
 Owner/Manager: PVT

Atriplex vallicola

Lost Hills crownscale

Element Code: PDCHE04250

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G1

CNPS List: 1B

State: None

State: S1.1

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

Habitat Associations

General: CHENOPOD SCRUB, VALLEY AND FOOTHILL GRASSLAND, VERNAL POOLS.

Micro: IN POWDERY, ALKALINE SOILS THAT ARE VERNALLY MOIST WITH FRANKENIA, ATRIPLEX SPP. AND DISTICHLIS. 0-605M.

Occurrence No. 52 Map Index: 58877 EO Index: 58913 Dates Last Seen

Occ Rank: Good Element: 2002-05-08

Origin: Natural/Native occurrence Site: 2002-05-08

Presence: Presumed Extant

Trend: Unknown Record Last Updated: 2004-12-21

Main Source: PRESTON, R. 2002 (OBS)

Quad Summary: LILLIS RANCH (3612044/338B), LEVIS (3612054/360C), MONOCLINE RIDGE (3612055/361D)

County Summary: FRESNO

Lat/Long: 36.51186° / -120.50787° Township: 16S

UTM: Zone-10 N4043612 E723169 Range: 13E

Area: 70.9 ac Mapping Precision: SPECIFIC Section: 25 Qtr: XX

Elevation: 1,000 ft Symbol Type: POLYGON Meridian: M

Location: CIERVO HILLS, WEST OF I-5 AND EAST OF MONOCLINE RIDGE.

Location Detail: SEVERAL COLONIES OCCUPYING PROPOSED PIPELINE CORRIDOR IN SECTIONS 23, 24, 25, 31, AND 6.

Ecological: SOUTH AND WEST FACING BARREN SLOPES OF GYPSUM RICH CLAY SOILS. WITH SCATTERED ATRIPLEX POLYCARPA, BROMUS MADRITENSIS SSP. RUBENS.

Threat: CATTLE GRAZING AND PROPOSED POWERLINE WITH ACCESS/MAINTENANCE ROAD.

General: EXTENSIVE OCCURRENCE. UNKNOWN NUMBER OF PLANTS SEEN IN 2002 DURING SURVEY OF 200 FEET WIDE CORRIDOR. UNKNOWN NUMBER OF PLANTS SEEN IN 2003.

Owner/Manager: PVT

Atriplex vallicola

Lost Hills crownscale

Element Code: PDCHE04250

Status _____ NDDB Element Ranks _____ Other Lists _____
Federal: None Global: G1 CNPS List: 1B
State: None State: S1.1 R-E-D Code: 2-2-3

Habitat Associations

General: CHENOPOD SCRUB, VALLEY AND FOOTHILL GRASSLAND, VERNAL POOLS.

Micro: IN POWDERY, ALKALINE SOILS THAT ARE VERNALLY MOIST WITH FRANKENIA, ATRIPLEX SPP. AND DISTICHLIS. 0-605M.

Occurrence No. 6 Map Index: 13542 EO Index: 21165 Dates Last Seen _____
Occ Rank: Unknown Element: 1938-05-01
Origin: Natural/Native occurrence Site: 1938-05-01
Presence: Presumed Extant
Trend: Unknown Record Last Updated: 1989-08-11
Main Source: HOOVER, R. #3288 UC (HERB)

Quad Summary: TRANQUILLITY (3612063/360A), COIT RANCH (3612064/360B), MENDOTA DAM (3612073/381D), FIREBAUGH (3612074/381C)

County Summary: FRESNO

Lat/Long: 36.75289° / -120.38045° Township: 13S
UTM: Zone-10 N4070671 E733852 Range: 15E
Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 31 Qtr: SW
Elevation: 170 ft Symbol Type: POINT Meridian: M

Location: MENDOTA.

Owner/Manager: PVT

Buteo swainsoni

Swainson's hawk

Element Code: ABNKC19070

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G5

CDFG Status:

State: Threatened

State: S2

Habitat Associations

General: (NESTING) BREEDS IN STANDS WITH FEW TREES IN JUNIPER-SAGE FLATS, RIPARIAN AREAS AND IN OAK SAVANNAH.

Micro: REQUIRES ADJACENT SUITABLE FORAGING AREAS SUCH AS GRASSLANDS, OR ALFALFA OR GRAIN FIELDS SUPPORTING RODENT POPULATIONS.

Occurrence No. 1308

Map Index: 55117

EO Index: 55117

Dates Last Seen

Occ Rank: Poor

Element: 2005-06-20

Origin: Natural/Native occurrence

Site: 2005-06-20

Presence: Presumed Exlant

Trend: Unknown

Record Last Updated: 2005-06-27

Main Source: VANCE, J. 2003 (OBS)

Quad Summary: CHANEY RANCH (3612065/361A)

County Summary: FRESNO

Lat/Long: 36.72786° / -120.60230°

Township: 14S

UTM: Zone-10 N4067363 E714113

Range: 13E

Radius: 80 meters

Mapping Precision: SPECIFIC

Section: 07

Qtr: NW

Elevation: 340 ft

Symbol Type: POINT

Meridian: M

Location: LA JOLLA RANCH, ON THE EAST SIDE OF THE CALIFORNIA AQUEDUCT, 2.3 MILES NORTH OF PANOCHE CREEK

Location Detail: NEST TREE IS LOCATED ON THE EASTERN EMBANKMENT OF THE CALIFORNIA AQUEDUCT, AT MILEPOST 106.38(L).

Ecological: NEST TREE IS AN NUT OR ORCHARD TREE IN A FARM YARD ADJACENT TO THE CALIFORNIA AQUEDUCT ROW; FARM WORKER HOUSING AND ROW CROPS SURROUND THE NEST TREE.

Threat: POSSIBLE THREAT FROM FARM/URBAN ACTIVITY AND USE OF RODENTICIDES.

General: BOTH ADULTS OBSERVED TENDING 1 CHICK IN THE NEST ON 1 JUL 2003. 1 ADULT AND 1 CHICK OBSERVED AT THE NEST ON 20 JUN 2005.

Owner/Manager: PVT

Buteo swainsoni

Swainson's hawk

Element Code: ABNKC19070

Status _____ NDDB Element Ranks _____ Other Lists _____
 Federal: None Global: G5
 State: Threatened State: S2 CDFG Status: _____

Habitat Associations

General: (NESTING) BREEDS IN STANDS WITH FEW TREES IN JUNIPER-SAGE FLATS, RIPARIAN AREAS AND IN OAK SAVANNAH.
 Micro: REQUIRES ADJACENT SUITABLE FORAGING AREAS SUCH AS GRASSLANDS, OR ALFALFA OR GRAIN FIELDS SUPPORTING RODENT POPULATIONS.

Occurrence No. 1309 Map Index: 55119 EO Index: 55119 Dates Last Seen _____
 Occ Rank: Poor Element: 2004-03-30
 Origin: Natural/Native occurrence Site: 2004-03-30
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2004-04-12
 Main Source: VANCE, J. 2004 (OBS)

Quad Summary: CHOUNET RANCH (3612066/361B)
 County Summary: FRESNO

Lat/Long: 36.73709° / -120.63879° Township: 14S
 UTM: Zone-10 N4068307 E710828 Range: 12E
 Radius: 80 meters Mapping Precision: SPECIFIC Section: 02 Qtr: SW
 Elevation: 335 ft Symbol Type: POINT Meridian: M

Location: EAST SIDE OF THE CALIFORNIA AQUEDUCT, ~5 MILES NORTH OF PANOCHE CREEK
 Location Detail: NEST TREE IS LOCATED ON THE EASTERN EMBANKMENT OF THE CALIFORNIA AQUEDUCT, JUST UPSTREAM OF MILEPOST 104(L).
 Ecological: NEST TREE IS ONE OF SEVERAL LARGE COTTONWOODS PLANTED IN A LINE, SURROUNDING RURAL HOUSING; ROW CROPS SURROUND HOUSING.
 Threat: POSSIBLE THREAT FROM FARM/URBAN ACTIVITY.
 General: BOTH ADULTS OBSERVED IN COURTSHIP DISPLAYS, PUNCTUATED BY FREQUENT NEST-LANDINGS AND HOVERING OVER NEST, ON 30 MAR 2004.
 Owner/Manager: PVT

Buteo swainsoni

Swainson's hawk

Element Code: ABNKC19070

Status _____ NDDB Element Ranks _____ Other Lists _____
Federal: None Global: G5
State: Threatened State: S2 CDFG Status: _____

Habitat Associations

General: (NESTING) BREEDS IN STANDS WITH FEW TREES IN JUNIPER-SAGE FLATS, RIPARIAN AREAS AND IN OAK SAVANNAH.

Micro: REQUIRES ADJACENT SUITABLE FORAGING AREAS SUCH AS GRASSLANDS, OR ALFALFA OR GRAIN FIELDS SUPPORTING RODENT POPULATIONS.

Occurrence No. 1103 Map Index: 50992 EO Index: 50992 Dates Last Seen _____
Occ Rank: Fair Element: 2000-04-14
Origin: Natural/Native occurrence Site: 2000-04-14
Presence: Presumed Extant
Trend: Unknown Record Last Updated: 2003-04-15
Main Source: GRAY, G. T. 2000 (OBS)

Quad Summary: COIT RANCH (3612064/360B)

County Summary: FRESNO

Lat/Long: 36.72126° / -120.45890° Township: 14S
UTM: Zone-10 N4066961 E726941 Range: 14E
Radius: 80 meters Mapping Precision: SPECIFIC Section: 09 Qtr: SW
Elevation: 236 ft Symbol Type: POINT Meridian: M

Location: EAST SIDE OF WASHOE AVENUE, 0.1 MILE NORTH OF CALIFORNIA AVENUE, 4 MILES SW OF MENDOTA

Location Detail: NEST TREE LOCATED ADJACENT TO AN ISOLATED RESIDENCE WITH SURROUNDING TREES.

Ecological: PROBABLE NEST TREE WAS A PINE CONTAINED DENSE FOLIAGE; NO NEST VISIBLE AND ACCESS TO PRIVATE PROPERTY WAS DENIED.

General: 2 ADULTS OBSERVED ROOSTING IN A PINE ADJACENT TO A RESIDENCE; POTENTIAL NESTING ACTIVITY.

Owner/Manager: PVT

Buteo swainsoni

Swainson's hawk

Element Code: ABNKC19070

Status _____ NDDB Element Ranks _____ Other Lists _____
 Federal: None Global: G5
 State: Threatened State: S2 CDFG Status: _____

Habitat Associations

General: (NESTING) BREEDS IN STANDS WITH FEW TREES IN JUNIPER-SAGE FLATS, RIPARIAN AREAS AND IN OAK SAVANNAH.
 Micro: REQUIRES ADJACENT SUITABLE FORAGING AREAS SUCH AS GRASSLANDS, OR ALFALFA OR GRAIN FIELDS SUPPORTING RODENT POPULATIONS.

Occurrence No. 798 Map Index: 42293 EO Index: 42293 Dates Last Seen _____
 Occ Rank: Unknown Element: 1994-06-15
 Origin: Natural/Native occurrence Site: 1994-06-15
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2000-01-27
 Main Source: DEPT. OF FISH & GAME 1994 (PERS)

Quad Summary: HAMMONDS RANCH (3612076/382C)
 County Summary: FRESNO

Lat/Long: 36.83822° / -120.70565° Township: 12S
 UTM: Zone-10 N4079382 E704589 Range: 12E
 Radius: 1/5 mile Mapping Precision: NON-SPECIFIC Section: 31 Qtr: SW
 Elevation: 275 ft Symbol Type: POINT Meridian: M

Location: NE OF THE INTERSECTION OF HERNDON AVENUE AND OXFORD AVENUE, 14 MILES WEST OF FIREBAUGH.

Ecological: NEST TREE POSSIBLY A COTTONWOOD NEAR THE RANCH.

General: DFG SWHA #FR018. 2 ADULTS OBSERVED NESTING ON 15 JUN 1994.

Owner/Manager: PVT

Occurrence No. 810 Map Index: 42844 EO Index: 42844 Dates Last Seen _____
 Occ Rank: Good Element: 2000-04-14
 Origin: Natural/Native occurrence Site: 2000-04-14
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2000-05-02
 Main Source: GRAY, G. 2000 (OBS)

Quad Summary: HAMMONDS RANCH (3612076/382C)
 County Summary: FRESNO

Lat/Long: 36.77763° / -120.67686° Township: 13S
 UTM: Zone-10 N4072721 E707320 Range: 12E
 Radius: 80 meters Mapping Precision: SPECIFIC Section: 29 Qtr: NE
 Elevation: 269 ft Symbol Type: POINT Meridian: M

Location: JUST SOUTH OF SHIELDS AVENUE AND WEST OF THE CALIFORNIA AQUEDUCT, NE OF THE PANOCHE HILLS.

Ecological: NEST TREE IS A WILLOW WITHIN A SMALL STAND OF WILLOWS ADJACENT TO A STRIP OF VALLEY SINK SCRUB; SURROUNDED BY AGRICULTURAL FARMLAND.

General: SWHA ON NEST (SEC 29) FLEW TO THE NORTH (SEC 17) TO JOIN A SECOND SWHA IN FLIGHT.

Owner/Manager: PVT

Buteo swainsoni

Swainson's hawk

Element Code: ABNKC19070

Status _____ NDDDB Element Ranks _____ Other Lists _____
Federal: None Global: G5
State: Threatened State: S2 CDFG Status: _____

Habitat Associations _____

General: (NESTING) BREEDS IN STANDS WITH FEW TREES IN JUNIPER-SAGE FLATS, RIPARIAN AREAS AND IN OAK SAVANNAH.

Micro: REQUIRES ADJACENT SUITABLE FORAGING AREAS SUCH AS GRASSLANDS, OR ALFALFA OR GRAIN FIELDS SUPPORTING RODENT POPULATIONS.

Occurrence No. 797 Map Index: 42289 EO Index: 42289 Dates Last Seen _____
Occ Rank: Unknown Element: 1994-06-14
Origin: Natural/Native occurrence Site: 1994-06-14
Presence: Presumed Extant
Trend: Unknown Record Last Updated: 2000-01-27
Main Source: DEPT. OF FISH & GAME 1994 (PERS)

Quad Summary: FIREBAUGH (3612074/381C)

County Summary: FRESNO, MADERA

Lat/Long: 36.83905° / -120.41267° Township: 12S
UTM: Zone-10 N4080142 E730717 Range: 14E
Radius: 1/5 mile Mapping Precision: NON-SPECIFIC Section: 35 Qtr: SW
Elevation: 150 ft Symbol Type: POINT Meridian: M

Location: SAN JOAQUIN RIVER, 2 MILES SE OF FIREBAUGH.

Ecological: POSSIBLE NEST TREE IS A COTTONWOOD.

General: DFG SWHA #FR017. 2 ADULTS OBSERVED GOING TO THE NEST ON 16 JUN 1990.

Owner/Manager: PVT

Coccyzus americanus occidentalis

western yellow-billed cuckoo

Element Code: ABNRB02022

Status: _____ NDDB Element Ranks: _____ Other Lists: _____
 Federal: Candidate Global: G5T2Q
 State: Endangered State: S1 CDFG Status: _____

Habitat Associations

General: (NESTING) RIPARIAN FOREST NESTER, ALONG THE BROAD, LOWER FLOOD-BOTTOMS OF LARGER RIVER SYSTEMS.
 Micro: NESTS IN RIPARIAN JUNGLES OF WILLOW, OFTEN MIXED WITH COTTONWOODS, W/ LOWER STORY OF BLACKBERRY, NETTLES, OR WILD GRAPE.

Occurrence No. 85 Map Index: 13563 EO Index: 25588 Dates Last Seen: _____
 Occ Rank: None Element: 1950-07-XX
 Origin: Natural/Native occurrence Site: 1977-07-01
 Presence: Possibly Extirpated
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: GAINES, D. 1977 (LIT)

Quad Summary: MENDOTA DAM (3612073/381D), FIREBAUGH (3612074/381C)
 County Summary: FRESNO, MADERA

Lat/Long: 36.78453° / -120.36845° Township: 13S
 UTM: Zone-10 N4074200 E734827 Range: 15E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 19 Qtr: E
 Elevation: 150 ft Symbol Type: POINT Meridian: M

Location: MENDOTA POOL ON THE SAN JOAQUIN RIVER.
 Ecological: HABITAT IS A SHALLOW LAKE AND MARSH WITH SEVERAL WOODED ISLANDS; VEGETATION CONSISTS OF DENSE WILLOW THICKETS AND A FEW COTTONWOODS.
 General: 2 MVZ SPECIMENS FROM 1918 AND 3 PAIRS OBSERVED IN 1950 (AFN 4:291).
 Owner/Manager: PVT

Coelus gracilis

San Joaquin dune beetle

Element Code: IICOL4A020

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G1

CDFG Status:

State: None

State: S1

Habitat Associations

General: INHABITS FOSSIL DUNES ALONG THE WESTERN EDGE OF SAN JOAQUIN VALLEY; EXTIRPATED FROM ANTIOCH DUNES (TYPE LOCALITY).

Micro: INHABITS SITES CONTAINING SANDY SUBSTRATES.

Occurrence No. 1 Map Index: 13178 EO Index: 22748 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: 1989-08-11

Main Source: FEDERAL REGISTER, 1978 (LIT)

Quad Summary: MONOCLINE RIDGE (3612055/361D)
 County Summary: FRESNO

Lat/Long: 36.55328° / -120.55101° Township: 16S

UTM: Zone-10 N4048109 E719189 Range: 13E

Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 10 Qtr: XX

Elevation: 800 ft Symbol Type: POINT Meridian: M

Location: WEST HALF OF SEC 10, EAST HALF OF SEC 9.

General: FEDERAL REGISTER 43(155):35642.

Owner/Manager: UNKNOWN

Occurrence No. 9 Map Index: 13178 EO Index: 61183 Dates Last Seen

Occ Rank: Unknown Element: 1981-03-25

Origin: Natural/Native occurrence Site: 1981-03-25

Presence: Presumed Extant

Trend: Unknown Record Last Updated: 2005-04-29

Main Source: SHANKS, S. 2005 (MUS)

Quad Summary: CIERVO MTN. (3612045/339A), MONOCLINE RIDGE (3612055/361D)
 County Summary: FRESNO

Lat/Long: 36.52495° / -120.55001° Township: 16S

UTM: Zone-10 N4044967 E719358 Range: 13E

Area: 872.1 ac Mapping Precision: SPECIFIC Section: 16 Qtr: XX

Elevation: 1,743 ft Symbol Type: POLYGON Meridian: M

Location: MONOCLINE RIDGE.

General: 49 SPECIMENS COLLECTED 16 APR 1980 AND 25 MAR 1981, DEPOSITED IN CALIFORNIA STATE COLLECTION OF ARTHROPODS.

Owner/Manager: BLM-HOLLISTER RA, PVT

Occurrence No. 10 Map Index: 61149 EO Index: 61185 Dates Last Seen

Occ Rank: Unknown Element: 1988-03-23

Origin: Natural/Native occurrence Site: 1988-03-23

Presence: Presumed Extant

Trend: Unknown Record Last Updated: 2005-04-29

Main Source: SHANKS, S. 2005 (MUS)

Quad Summary: MONOCLINE RIDGE (3612055/361D)
 County Summary: FRESNO

Lat/Long: 36.53863° / -120.54251° Township: 16S

UTM: Zone-10 N4046503 E719990 Range: 13E

Area: 635.5 ac Mapping Precision: SPECIFIC Section: 15 Qtr: XX

Elevation: 990 ft Symbol Type: POLYGON Meridian: M

Location: 18 MILES SW MENDOTA.

Location Detail: LOCATION GIVEN AS: T16S, R13E, SEC. 15

General: 23 SPECIMENS DEPOSITED IN THE CALIFORNIA STATE COLLECTION OF ARTHROPODS.

Owner/Manager: UNKNOWN

Coelus gracilis

San Joaquin dune beetle

Element Code: IICOL4A020

Status _____ NDDDB Element Ranks _____ Other Lists _____
Federal: None Global: G1
State: None State: S1 CDFG Status: _____

Habitat Associations _____

General: INHABITS FOSSIL DUNES ALONG THE WESTERN EDGE OF SAN JOAQUIN VALLEY; EXTIRPATED FROM ANTIOCH DUNES (TYPE LOCALITY).
Micro: INHABITS SITES CONTAINING SANDY SUBSTRATES.

Occurrence No. 2 Map Index: 12664 EO Index: 22747 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: 1989-08-11
Main Source: FEDERAL REGISTER, 1978 (LIT)

Quad Summary: TUMEY HILLS (3612056/361C), PANOCHE (3612057/362D)
County Summary: FRESNO, SAN BENITO

Lat/Long: 36.59917° / -120.74398° Township: 15S
UTM: Zone-10 N4052778 E701795 Range: 11E
Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 26 Qtr: XX
Elevation: 1,200 ft Symbol Type: POINT Meridian: M

Location: CIRCULAR AREA, 1 KM IN DIAMETER WITH ITS CENTER AT JCT OF SECTIONS 22, 23, 27, 26.

General: FEDERAL REGISTER 43(155):35642.

Owner/Manager: UNKNOWN

Cordylanthus mollis ssp. hispidus

hispid bird's-beak

Status

NDDB Element Ranks

Element Code: PDSCROJ0D1

Other Lists

Federal: None

Global: G2T2

CNPS List: 1B

State: None

State: S2.1

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

Habitat Associations

General: MEADOWS, PLAYAS, VALLEY AND FOOTHILL GRASSLAND.

Micro: IN DAMP ALKALINE SOILS, ESPECIALLY IN ALKALINE MEADOWS AND ALKALI SINKS WITH DISTICHLIS. 10-155M.

Occurrence No. 32

Map Index: 51848

EO Index: 51848

Dates Last Seen

Occ Rank: Unknown

Element: 1970-08-08

Origin: Natural/Native occurrence

Site: 1970-08-08

Presence: Presumed Extant

Trend: Unknown

Record Last Updated: 2003-07-24

Main Source: CHUANG, T. #5839 JEPS #62602 (HERB)

Quad Summary: HAMMONDS RANCH (3612076/382C), DOS PALOS (3612086/382B)

County Summary: FRESNO

Lat/Long: 36.87636° / -120.65400°

Township: 12S

UTM: Zone-10 N4083726 E709091

Range: 12E

Radius: 1/5 mile

Mapping Precision: NON-SPECIFIC

Section: 22

Qtr: XX

Elevation: 175 ft

Symbol Type: POINT

Meridian: M

Location: 5.9 MILES SOUTH OF SOUTH DOS PALOS.

Location Detail: EXACT LOCATION UNKNOWN. MAPPED 5.9 MILES SOUTH OF SOUTH DOS PALOS ON RUSSELL AVE.

Ecological: ALKALINE FLAT.

General: ONLY SOURCE OF INFORMATION FOR THIS SITE IS 1970 COLLECTION BY CHUANG. NEEDS FIELDWORK.

Owner/Manager: UNKNOWN

Deinandra halliana

Hall's larplant

Element Code: PDAST4R0C0

Status: None
 Federal: None
 State: None

NDDB Element Ranks
 Global: G1
 State: S1.1

Other Lists
 CNPS List: 1B
 R-E-D Code: 3-3-3

Habitat Associations

General: CISMONTANE WOODLAND, CHENOPOD SCRUB, VALLEY AND FOOTHILL GRASSLAND.
 Micro: REPORTED FROM A VARIETY OF SUBSTRATES INCL. CLAY, SAND, AND ALKALINE SOILS. 300-950M.

Occurrence No. 11 Map Index: 60698 EO Index: 60734 Dates Last Seen

Occ Rank: Unknown Element: 1995-04-22
 Origin: Natural/Native occurrence Site: 1995-04-22
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2005-03-28
 Main Source: TAYLOR, D. #14834 UC #1755106 (HERB)

Quad Summary: TUMEY HILLS (3612056/361C)
 County Summary: FRESNO

Lat/Long: 36.56749° / -120.68499° Township: 16S
 UTM: Zone-10 N4049388 E707157 Range: 12E
 Radius: 1/5 mile Mapping Precision: NON-SPECIFIC Section: 05 Qtr: XX
 Elevation: Symbol Type: POINT Meridian: M

Location: TUMEY HILLS, IN A MINOR ORDER TRIBUTARY TO SILVER CREEK (HILLS 1 MI SOUTH OF PANOCHÉ ROAD AT THE SILVER CREEK CROSSING).
 Location Detail: LOCATION VAGUE, MAPPED ACCORDING TO COORDINATES PROVIDED IN COLLECTION.
 General: 1995 TAYLOR COLLECTION IS THE ONLY SOURCE FOR THIS SITE. NEEDS FIELDWORK.
 Owner/Manager: UNKNOWN

Occurrence No. 12 Map Index: 60699 EO Index: 60735 Dates Last Seen

Occ Rank: Unknown Element: 1995-05-18
 Origin: Natural/Native occurrence Site: 1995-05-18
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2005-03-28
 Main Source: TAYLOR, D. #14904 JEPS #100506 (HERB)

Quad Summary: TUMEY HILLS (3612056/361C)
 County Summary: FRESNO

Lat/Long: 36.58275° / -120.66830° Township: 15S
 UTM: Zone-10 N4051118 E708610 Range: 12E
 Radius: 1/5 mile Mapping Precision: NON-SPECIFIC Section: 33 Qtr: NW
 Elevation: 1,050 ft Symbol Type: POINT Meridian: M

Location: TUMEY HILLS, ALONG TUMEY HILLS ACCESS ROAD ABOUT 3.5 MI SOUTH OF ENTRY GATE.
 Location Detail: HEAD OF W-FACING CANYONS ALONG A PG&E NATURAL GAS PIPELINE. LOCATION VAGUE, MAPPED ACCORDING TO COORDINATES PROVIDED IN COLLECTION.
 Ecological: STEEP, W-FACING, MOSTLY BARREN CLAY SLOPES.
 General: 1995 TAYLOR COLLECTION IS THE ONLY SOURCE FOR THIS SITE. NEEDS FIELDWORK.
 Owner/Manager: UNKNOWN

Occurrence No. 13 Map Index: 45753 EO Index: 60736 Dates Last Seen

Occ Rank: Unknown Element: 1991-05-07
 Origin: Natural/Native occurrence Site: 1991-05-07
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2005-03-28
 Main Source: TAYLOR, D. #11662 JEPS #90412 (HERB)

Quad Summary: TUMEY HILLS (3612056/361C)
 County Summary: SAN BENITO

Lat/Long: 36.50845° / -120.73502° Township: 16S
 UTM: Zone-10 N4042731 E702834 Range: 11E
 Area: 635.9 ac Mapping Precision: NON-SPECIFIC Section: 26 Qtr: XX
 Elevation: 2,980 ft Symbol Type: POLYGON Meridian: M

Location: GRISWOLD HILLS.
 Location Detail: LOCATION VAGUE, MAPPED ACCORDING TO T-R-S PROVIDED IN COLLECTION, NEAR GRISWOLD SUMMIT AND WEST OF VALLECITOS OIL FIELD.
 Ecological: GYPSUM CLAY SLOPES IN ANNUAL GRASSLAND.
 General: 1991 TAYLOR COLLECTION IS THE ONLY SOURCE FOR THIS SITE. NEEDS FIELDWORK.
 Owner/Manager: UNKNOWN

Delphinium recurvatum

recurved larkspur

Element Code: PDRAN0B1J0

| | | |
|---------------|--------------------|-------------------|
| 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: CHENOPOD SCRUB, VALLEY AND FOOTHILL GRASSLAND, CISMONTANE WOODLAND.
 Micro: ON ALKALINE SOILS; OFTEN IN VALLEY SALT BUSH OR VALLEY CHENOPOD SCRUB. 3-685M.

| | | | |
|------------------------------------|------------------|-----------------|---------------------------------|
| Occurrence No. 53 | Map Index: 31544 | EO Index: 22316 | Dates Last Seen |
| Occ Rank: Unknown | | | Element: 1995-04-22 |
| Origin: Natural/Native occurrence | | | Site: 1995-04-22 |
| Presence: Presumed Extant | | | Record Last Updated: 2003-07-29 |
| Trend: Unknown | | | |
| Main Source: LACEY, J. 1987 (PERS) | | | |

Quad Summary: TUMEY HILLS (3612056/361C), CHOUNET RANCH (3612066/361B)
 County Summary: FRESNO

| | |
|-----------------------------------|---------------|
| Lat/Long: 36.61907° / -120.67338° | Township: 15S |
| UTM: Zone-10 N4055136 E708058 | Range: 12E |
| Radius: 1 mile | Section: 16 |
| Elevation: 600 ft | Meridian: M |
| Mapping Precision: NON-SPECIFIC | Qtr: SW |
| Symbol Type: POINT | |

Location: 1 MILE BELOW JUNCTION OF SILVER CREEK AND PANOCHÉ CREEK.
 Location Detail: MAPPED IN VICINITY OF GAGING STATION ON PANOCHÉ CREEK.
 General: MAIN SOURCE OF INFORMATION IS 1935 COLLECTION BY SHAW (#19940, FSC), REF BY LACEY . 1995 COLLECTION BY TAYLOR 'TUMEY HILLS...
 MINOR...TRIBUTARY TO SILVER CREEK (HILLS 1 MI S OF PANOCHÉ RD @ SILVER CR CROSSING) ATTRIB TO SITE.
 Owner/Manager: UNKNOWN

Delphinium recurvatum

recurved larkspur

Element Code: PDRAN0B1J0

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: CHENOPOD SCRUB, VALLEY AND FOOTHILL GRASSLAND, CISMONTANE WOODLAND.
Micro: ON ALKALINE SOILS; OFTEN IN VALLEY SALT BUSH OR VALLEY CHENOPOD SCRUB. 3-685M.

Occurrence No. 53 Map Index: 31544 EO Index: 22316 Dates Last Seen _____
Occ Rank: Unknown Element: 1995-04-22
Origin: Natural/Native occurrence Site: 1995-04-22
Presence: Presumed Extant
Trend: Unknown Record Last Updated: 2003-07-29
Main Source: LACEY, J. 1987 (PERS)

Quad Summary: TUMEY HILLS (3612056/361C), CHOUNET RANCH (3612066/361B)
County Summary: FRESNO

Lat/Long: 36.61907° / -120.67338° Township: 15S
UTM: Zone-10 N4055136 E708058 Range: 12E
Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 16 Qtr: SW
Elevation: 600 ft Symbol Type: POINT Meridian: M

Location: 1 MILE BELOW JUNCTION OF SILVER CREEK AND PANOCHÉ CREEK.
Location Detail: MAPPED IN VICINITY OF GAGING STATION ON PANOCHÉ CREEK.
General: MAIN SOURCE OF INFORMATION IS 1935 COLLECTION BY SHAW (#19940, FSC), REF BY LACEY. 1995 COLLECTION BY TAYLOR "TUMEY HILLS...
MINOR...TRIBUTARY TO SILVER CREEK (HILLS 1 MI S OF PANOCHÉ RD @ SILVER CR CROSSING) ATTRIB TO SITE.
Owner/Manager: UNKNOWN

Dipodomys ingens

giant kangaroo rat

Element Code: AMAFD03080

Status _____ NDDB Element Ranks _____ Other Lists _____
 Federal: Endangered Global: G2
 State: Endangered State: S2 CDFG Status: _____

Habitat Associations

General: ANNUAL GRASSLANDS ON THE WESTERN SIDE OF THE SAN JOAQUIN VALLEY, MARGINAL HABITAT IN ALKALI SCRUB.
 Micro: NEED LEVEL TERRAIN & SANDY LOAM SOILS FOR BURROWING.

Occurrence No. 98 Map Index: 13080 EO Index: 24033 Dates Last Seen _____
 Occ Rank: Unknown Element: 1979-XX-XX
 Origin: Natural/Native occurrence Site: 1979-XX-XX
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: WILLIAMS, D. 1987 (PERS)

Quad Summary: MONOCLINE RIDGE (3612055/361D), TUMEY HILLS (3612056/361C)
 County Summary: FRESNO

Lat/Long: 36.54613° / -120.61442° Township: 16S
 UTM: Zone-10 N4047173 E713532 Range: 12E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 12 Qtr: XX
 Elevation: 1,600 ft Symbol Type: POINT Meridian: M

Location: CIERVO HILLS, APPROX 4.5 AIR MI SSW I-5 INTERCHG AT MANNING AVE.
 Location Detail: COLONY(IES) VERIFIED (SOMETIME BETWEEN 1979 & 1986) AS INHABITED. CURRENT STATUS OF COLONY(IES) UNKNOWN. OBS IN SECS 12 & 13.
 Owner/Manager: BLM-HOLLISTER RA, PVT

Occurrence No. 101 Map Index: 12883 EO Index: 24030 Dates Last Seen _____
 Occ Rank: Unknown Element: 1979-XX-XX
 Origin: Natural/Native occurrence Site: 1979-XX-XX
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: WILLIAMS, D. 1987 (PERS)

Quad Summary: TUMEY HILLS (3612056/361C)
 County Summary: FRESNO

Lat/Long: 36.58554° / -120.66523° Township: 15S
 UTM: Zone-10 N4051434 E708877 Range: 12E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 34 Qtr: XX
 Elevation: 1,200 ft Symbol Type: POINT Meridian: M

Location: TUMEY HILLS, APPROX 2.5 AIR MI SE OF CONFL SILVER & PANOCHÉ CKS.
 Location Detail: COLONY(IES) VERIFIED (SOMETIME BTWN 1979 & 1986) AS INHABITED. CURRENT STATUS OF COLONY(IES) UNKNOWN. OBS IN SECS 32, 33, 34 & 27.
 Owner/Manager: BLM-HOLLISTER RA, PVT

Dipodomys ingens

giant kangaroo rat

Element Code: AMAFD03080

Status _____ NDDB Element Ranks _____ Other Lists _____
 Federal: Endangered Global: G2
 State: Endangered State: S2 CDFG Status: _____

Habitat Associations

General: ANNUAL GRASSLANDS ON THE WESTERN SIDE OF THE SAN JOAQUIN VALLEY, MARGINAL HABITAT IN ALKALI SCRUB.
 Micro: NEED LEVEL TERRAIN & SANDY LOAM SOILS FOR BURROWING.

Occurrence No. 98 Map Index: 13080 EO Index: 24033 Dates Last Seen _____
 Occ Rank: Unknown Element: 1979-XX-XX
 Origin: Natural/Native occurrence Site: 1979-XX-XX
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: WILLIAMS, D. 1987 (PERS)

Quad Summary: MONOCLINE RIDGE (3612055/361D), TUMEY HILLS (3612056/361C)
 County Summary: FRESNO

Lat/Long: 36.54613° / -120.61442° Township: 16S
 UTM: Zone-10 N4047173 E713532 Range: 12E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 12 Qtr: XX
 Elevation: 1,600 ft Symbol Type: POINT Meridian: M

Location: CIERVO HILLS, APPROX 4.5 AIR MI SSW I-5 INTERCHG AT MANNING AVE.
 Location Detail: COLONY(IES) VERIFIED (SOMETIME BETWEEN 1979 & 1986) AS INHABITED. CURRENT STATUS OF COLONY(IES) UNKNOWN. OBS IN SECS 12 & 13.
 Owner/Manager: BLM-HOLLISTER RA, PVT

Occurrence No. 99 Map Index: 13125 EO Index: 24031 Dates Last Seen _____
 Occ Rank: Unknown Element: 1979-XX-XX
 Origin: Natural/Native occurrence Site: 1979-XX-XX
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: WILLIAMS, D. 1987 (PERS)

Quad Summary: CIERVO MTN. (3612045/339A), MONOCLINE RIDGE (3612055/361D)
 County Summary: FRESNO

Lat/Long: 36.50852° / -120.59495° Township: 16S
 UTM: Zone-10 N4043043 E715380 Range: 13E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 30 Qtr: XX
 Elevation: 2,200 ft Symbol Type: POINT Meridian: M

Location: CIERVO HILLS, APPROX 1 AIR MI W CIERVO PEAK (HILL).
 Location Detail: COLONY(IES) VERIFIED (SOMETIME BETWEEN 1979 & 1986) AS INHABITED. CURRENT STATUS OF COLONY(IES) UNKNOWN.
 Owner/Manager: PVT

Occurrence No. 100 Map Index: 13253 EO Index: 24032 Dates Last Seen _____
 Occ Rank: Unknown Element: 1979-XX-XX
 Origin: Natural/Native occurrence Site: 1979-XX-XX
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: WILLIAMS, D. 1987 (PERS)

Quad Summary: CIERVO MTN. (3612045/339A), MONOCLINE RIDGE (3612055/361D)
 County Summary: FRESNO

Lat/Long: 36.49550° / -120.52378° Township: 16S
 UTM: Zone-10 N4041760 E721791 Range: 13E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 35 Qtr: XX
 Elevation: 1,400 ft Symbol Type: POINT Meridian: M

Location: MONOCLINE RIDGE, SEC 35.
 Location Detail: COLONY(IES) VERIFIED (SOMETIME BTWN 1979 & 1986) AS INHABITED. CURRENT STATUS OF COLONY UNKNOWN.
 Owner/Manager: PVT

Dipodomys ingens

giant kangaroo rat

Element Code: AMAFD03080

Status: NDDB Element Ranks Other Lists
 Federal: Endangered Global: G2
 State: Endangered State: S2 CDFG Status:

Habitat Associations

General: ANNUAL GRASSLANDS ON THE WESTERN SIDE OF THE SAN JOAQUIN VALLEY, MARGINAL HABITAT IN ALKALI SCRUB.
 Micro: NEED LEVEL TERRAIN & SANDY LOAM SOILS FOR BURROWING.

Occurrence No. 86 Map Index: 12805 EO Index: 24041 Dates Last Seen
 Occ Rank: Unknown Element: 1985-XX-XX
 Origin: Natural/Native occurrence Site: 1985-XX-XX
 Presence: Presumed Extant
 Trend: Decreasing Record Last Updated: 1989-08-10
 Main Source: BOLSTER, B. 1981 (LIT)

Quad Summary: TUMEY HILLS (3612056/361C), CHOUNET RANCH (3612066/361B)
 County Summary: FRESNO

Lat/Long: 36.62331° / -120.68521° Township: 15S
 UTM: Zone-10 N4055581 E706988 Range: 12E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 17 Qtr: XX
 Elevation: 800 ft Symbol Type: POINT Meridian: M

Location: APPROX 1 AIRMI N OF CONFL PANOCHE & SILVER CKS, S END OF PANOCHE HILLS.
 Location Detail: 4 SEPARATE COLONIES ONCE CONTAINING ABOUT 6 PRECINCTS EACH. BY 1985, THESE PRECINCTS WERE UNOCCUPIED OR ONLY SUPPORTED 1-2 GKRS EACH. 6 GKRS TRAPPED HERE DURING 1981 BLM SURVEY.
 Owner/Manager: BLM-HOLLISTER RA

Dipodomys ingens

giant kangaroo rat

Element Code: AMAFD03080

Status: Endangered
 Federal: Endangered
 State: Endangered

NDDB Element Ranks
 Global: G2
 State: S2

Other Lists
 CDFG Status:

Habitat Associations

General: ANNUAL GRASSLANDS ON THE WESTERN SIDE OF THE SAN JOAQUIN VALLEY, MARGINAL HABITAT IN ALKALI SCRUB.
 Micro: NEED LEVEL TERRAIN & SANDY LOAM SOILS FOR BURROWING.

Occurrence No. 85 Map Index: 12902 EO Index: 24042 Dates Last Seen

Occ Rank: Unknown Element: 1981-08-30
 Origin: Natural/Native occurrence Site: 1981-08-30
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: BOLSTER, B. 1981 (LIT)

Quad Summary: TUMEY HILLS (3612056/361C)
 County Summary: FRESNO, SAN BENITO

Lat/Long: 36.52411° / -120.65850° Township: 16S
 UTM: Zone-10 N4044632 E709645 Range: 12E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 21 Qtr: XX
 Elevation: 2,200 ft Symbol Type: POINT Meridian: M

Location: TUMEY HILLS, BETW SILVER CK AND SAN BENITO-FRESNO CO LINE W JUST W OF COUNTY LINE.
 Location Detail: TWO INDIVIDUALS TRAPPED IN SECS 21 & 22 DURING 1981 BLM SURVEY. CURRENT STATUS OF COLONY(IES) UNKNOWN.
 Owner/Manager: BLM-HOLLISTER RA

Occurrence No. 86 Map Index: 12805 EO Index: 24041 Dates Last Seen

Occ Rank: Unknown Element: 1985-XX-XX
 Origin: Natural/Native occurrence Site: 1985-XX-XX
 Presence: Presumed Extant
 Trend: Decreasing Record Last Updated: 1989-08-10
 Main Source: BOLSTER, B. 1981 (LIT)

Quad Summary: TUMEY HILLS (3612056/361C), CHOUNET RANCH (3612066/361B)
 County Summary: FRESNO

Lat/Long: 36.62331° / -120.68521° Township: 15S
 UTM: Zone-10 N4055581 E706988 Range: 12E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 17 Qtr: XX
 Elevation: 800 ft Symbol Type: POINT Meridian: M

Location: APPROX 1 AIRMI N OF CONFL PANOCHE & SILVER CKS, S END OF PANOCHE HILLS.
 Location Detail: 4 SEPARATE COLONIES ONCE CONTAINING ABOUT 6 PRECINCTS EACH. BY 1985, THESE PRECINCTS WERE UNOCCUPIED OR ONLY SUPPORTED 1-2 GKRS EACH. 6 GKRS TRAPPED HERE DURING 1981 BLM SURVEY.
 Owner/Manager: BLM-HOLLISTER RA

Occurrence No. 90 Map Index: 12812 EO Index: 12947 Dates Last Seen

Occ Rank: Unknown Element: 198X-XX-XX
 Origin: Natural/Native occurrence Site: 198X-XX-XX
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: WILLIAMS, D. 1987 (PERS)

Quad Summary: TUMEY HILLS (3612056/361C)
 County Summary: FRESNO

Lat/Long: 36.58118° / -120.68350° Township: 15S
 UTM: Zone-10 N4050910 E707254 Range: 12E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 32 Qtr: XX
 Elevation: 720 ft Symbol Type: POINT Meridian: M

Location: SILVER CREEK, APPROX 1.5 AIR MI U/S FROM ITS CONFL WITH PANOCHE CREEK, N END TUMEY HILLS.
 General: COLONY VERIFIED (SOMETIME BTWN 1979 & 1986) AS INHABITED. ALSO A CSUF SPECIMEN FROM "SILVER CREEK". CURRENT STATUS OF COLONY UNKNOWN.
 Owner/Manager: UNKNOWN

Dipodomys ingens

giant kangaroo rat

Element Code: AMAFD03080

| | | |
|---------------------|---------------------|--------------|
| Status | NDDDB Element Ranks | Other Lists |
| Federal: Endangered | Global: G2 | CDFG Status: |
| State: Endangered | State: S2 | |

Habitat Associations

General: ANNUAL GRASSLANDS ON THE WESTERN SIDE OF THE SAN JOAQUIN VALLEY, MARGINAL HABITAT IN ALKALI SCRUB.
 Micro: NEED LEVEL TERRAIN & SANDY LOAM SOILS FOR BURROWING.

| | | | |
|---------------------------------------|------------------|-----------------|---------------------------------|
| Occurrence No. 22 | Map Index: 13341 | EO Index: 24062 | Dates Last Seen |
| Occ Rank: Unknown | | | Element: 1968-XX-XX |
| Origin: Natural/Native occurrence | | | Site: XXXX-XX-XX |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 1989-08-10 |
| Main Source: WILLIAMS, D. 1987 (PERS) | | | |

Quad Summary: LILLIS RANCH (3612044/338B), LEVIS (3612054/360C)
 County Summary: FRESNO

| | |
|-----------------------------------|---------------|
| Lat/Long: 36.50216° / -120.46350° | Township: 16S |
| UTM: Zone-10 N4042640 E727172 | Range: 14E |
| Radius: 1 mile | Section: 32 |
| Elevation: 750 ft | Meridian: M |
| Mapping Precision: NON-SPECIFIC | Qtr: XX |
| Symbol Type: POINT | |

Location: 4 MI W OF THREE ROCKS.

General: 1 CSUF SPECIMEN.

Owner/Manager: PVT

Dipodomys ingens

giant kangaroo rat

Element Code: AMAFD03080

Status _____ NDDB Element Ranks _____ Other Lists _____
 Federal: Endangered Global: G2
 State: Endangered State: S2 CDFG Status: _____

Habitat Associations

General: ANNUAL GRASSLANDS ON THE WESTERN SIDE OF THE SAN JOAQUIN VALLEY, MARGINAL HABITAT IN ALKALI SCRUB.
 Micro: NEED LEVEL TERRAIN & SANDY LOAM SOILS FOR BURROWING.

Occurrence No. 18 Map Index: 13045 EO Index: 24063 Dates Last Seen _____
 Occ Rank: None Element: 1958-XX-XX
 Origin: Natural/Native occurrence Site: 1958-XX-XX
 Presence: Possibly Extirpated
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: WILLIAMS, D. 1987 (PERS)

Quad Summary: CHANEY RANCH (3612065/361A), CHOUNET RANCH (3612066/361B)
 County Summary: FRESNO

Lat/Long: 36.63938° / -120.62740° Township: 15S
 UTM: Zone-10 N4057490 E712114 Range: 12E
 Radius: 1/5 mile Mapping Precision: NON-SPECIFIC Section: 11 Qtr: SE
 Elevation: 480 ft Symbol Type: POINT Meridian: M

Location: PANOCHÉ CREEK, 0.4 MI N, 0.8 MI E BENCH MARK 502.

General: SPECIMEN LOCATION.

Owner/Manager: PVT

Occurrence No. 20 Map Index: 12977 EO Index: 24060 Dates Last Seen _____
 Occ Rank: None Element: 1933-XX-XX
 Origin: Natural/Native occurrence Site: XXXX-XX-XX
 Presence: Possibly Extirpated
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: WILLIAMS, D. 1987 (PERS)

Quad Summary: TUMEY HILLS (3612056/361C), CHANEY RANCH (3612065/361A), CHOUNET RANCH (3612066/361B)
 County Summary: FRESNO

Lat/Long: 36.63578° / -120.64267° Township: 15S
 UTM: Zone-10 N4057057 E710759 Range: 12E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 10 Qtr: SW
 Elevation: 503 ft Symbol Type: POINT Meridian: M

Location: PANOCHÉ CREEK; 19 MI SW MENDOTA, HAYES STATION. BENCH MARK 503.

Location Detail: IN LATE WINTER AND EARLY SPRING OF 1933 W.T. SHAW CONDUCTED FIELD STUDIES OF GKR AT THE MOUTH OF PANOCHÉ CREEK AT AN ELEV OF APPROX 550 FT.

General: 1 INDIV CAPTURED.

Owner/Manager: PVT

Dipodomys ingens

giant kangaroo rat

Element Code: AMAFD03060

Status: Endangered
 Federal: Endangered
 State: Endangered

NDDB Element Ranks
 Global: G2
 State: S2

Other Lists
 CDFG Status:

Habitat Associations

General: ANNUAL GRASSLANDS ON THE WESTERN SIDE OF THE SAN JOAQUIN VALLEY, MARGINAL HABITAT IN ALKALI SCRUB.
 Micro: NEED LEVEL TERRAIN & SANDY LOAM SOILS FOR BURROWING.

Occurrence No. 18 Map Index: 13045 EO Index: 24063 Dates Last Seen

Occ Rank: None Element: 1958-XX-XX
 Origin: Natural/Native occurrence Site: 1958-XX-XX
 Presence: Possibly Extirpated
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: WILLIAMS, D. 1987 (PERS)

Quad Summary: CHANEY RANCH (3612065/361A), CHOUNET RANCH (3612068/361B)
 County Summary: FRESNO

Lat/Long: 36.63938° / -120.62740° Township: 15S
 UTM: Zone-10 N4057490 E712114 Range: 12E
 Radius: 1/5 mile Mapping Precision: NON-SPECIFIC Section: 11 Qtr: SE
 Elevation: 480 ft Symbol Type: POINT Meridian: M

Location: PANOCHE CREEK, 0.4 MI N, 0.8 MI E BENCH MARK 502.

General: SPECIMEN LOCATION.

Owner/Manager: PVT

Occurrence No. 19 Map Index: 12936 EO Index: 24051 Dates Last Seen

Occ Rank: None Element: 1932-02-20
 Origin: Natural/Native occurrence Site: XXXX-XX-XX
 Presence: Possibly Extirpated
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: GRINNELL, J. 1932 (LIT)

Quad Summary: TUMEY HILLS (3612056/361C), CHOUNET RANCH (3612066/361B)
 County Summary: FRESNO

Lat/Long: 36.62328° / -120.65200° Township: 15N
 UTM: Zone-10 N4055650 E709959 Range: 12E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 15 Qtr: SW
 Elevation: 600 ft Symbol Type: POINT Meridian: M

Location: PANOCHE CREEK, 1 MI SW BENCH MARK 502.

General: 28 MVZ SPECIMENS. THIS WAS ONE LOCATION WHERE GRINNELL STUDIED GIANT K-RATS IN 1932.

Owner/Manager: PVT

Occurrence No. 20 Map Index: 12977 EO Index: 24060 Dates Last Seen

Occ Rank: None Element: 1933-XX-XX
 Origin: Natural/Native occurrence Site: XXXX-XX-XX
 Presence: Possibly Extirpated
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: WILLIAMS, D. 1987 (PERS)

Quad Summary: TUMEY HILLS (3612056/361C), CHANEY RANCH (3612065/361A), CHOUNET RANCH (3612066/361B)
 County Summary: FRESNO

Lat/Long: 36.63578° / -120.64267° Township: 15S
 UTM: Zone-10 N4057057 E710759 Range: 12E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 10 Qtr: SW
 Elevation: 503 ft Symbol Type: POINT Meridian: M

Location: PANOCHE CREEK; 19 MI SW MENDOTA, HAYES STATION. BENCH MARK 503.

Location Detail: IN LATE WINTER AND EARLY SPRING OF 1933 W.T. SHAW CONDUCTED FIELD STUDIES OF GKR AT THE MOUTH OF PANOCHE CREEK AT AN ELEV OF APPROX 550 FT.

General: 1 INDIV CAPTURED.

Owner/Manager: PVT

Dipodomys ingens

giant kangaroo rat

Element Code: AMAFD03080

Status: _____ NDDB Element Ranks: _____ Other Lists: _____
 Federal: Endangered Global: G2
 State: Endangered State: S2 CDFG Status: _____

Habitat Associations

General: ANNUAL GRASSLANDS ON THE WESTERN SIDE OF THE SAN JOAQUIN VALLEY, MARGINAL HABITAT IN ALKALI SCRUB.
 Micro: NEED LEVEL TERRAIN & SANDY LOAM SOILS FOR BURROWING.

Occurrence No. 17 Map Index: 12801 EO Index: 24064 Dates Last Seen: _____
 Occ Rank: Unknown Element: 1985-XX-XX
 Origin: Natural/Native occurrence Site: 1985-06-XX
 Presence: Presumed Extant
 Trend: Decreasing Record Last Updated: 1989-08-10
 Main Source: WILLIAMS, D. 1985 (LIT)

Quad Summary: TUMEY HILLS (3612056/361C)
 County Summary: FRESNO

Lat/Long: 36.60756° / -120.68573° Township: 15S
 UTM: Zone-10 N4053832 E706984 Range: 12E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 20 Qtr: SW
 Elevation: 640 ft Symbol Type: POINT Meridian: M

Location: SILVER CREEK RANCH, AT CONFL SILVER & PANOCHE CKS BTWN PANOCHE AND TUMEY HILLS.
 Location Detail: ONLY LARGE COLONY OUTSIDE OF SAN LUIS OBISPO CO. PRECINCTS OCCUR IN SECS 16, 19 & 20. NO K-RATS WERE CAUGHT DURING A BRIEF TRAPPING EFFORT IN JUNE 1985.
 Threat: HEAVY GRAZING DAMAGE TO VEGETATION AND BURROW SYSTEMS.
 General: LSCM, CSUC & CSUF SPECIMENS COLL FROM "PANOCHE CK".
 Owner/Manager: PVT

Occurrence No. 19 Map Index: 12936 EO Index: 24061 Dates Last Seen: _____
 Occ Rank: None Element: 1932-02-20
 Origin: Natural/Native occurrence Site: XXXX-XX-XX
 Presence: Possibly Extirpated
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: GRINNELL, J. 1932 (LIT)

Quad Summary: TUMEY HILLS (3612056/361C), CHOUNET RANCH (3612066/361B)
 County Summary: FRESNO

Lat/Long: 36.62328° / -120.65200° Township: 15N
 UTM: Zone-10 N4055650 E709959 Range: 12E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 15 Qtr: SW
 Elevation: 600 ft Symbol Type: POINT Meridian: M

Location: PANOCHE CREEK, 1 MI SW BENCH MARK 502.
 General: 28 MVZ SPECIMENS. THIS WAS ONE LOCATION WHERE GRINNELL STUDIED GIANT K-RATS IN 1932.
 Owner/Manager: PVT

Occurrence No. 20 Map Index: 12977 EO Index: 24060 Dates Last Seen: _____
 Occ Rank: None Element: 1933-XX-XX
 Origin: Natural/Native occurrence Site: XXXX-XX-XX
 Presence: Possibly Extirpated
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: WILLIAMS, D. 1987 (PERS)

Quad Summary: TUMEY HILLS (3612056/361C), CHANEY RANCH (3612065/361A), CHOUNET RANCH (3612066/361B)
 County Summary: FRESNO

Lat/Long: 36.63578° / -120.64267° Township: 15S
 UTM: Zone-10 N4057057 E710759 Range: 12E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 10 Qtr: SW
 Elevation: 503 ft Symbol Type: POINT Meridian: M

Location: PANOCHE CREEK; 19 MI SW MENDOTA, HAYES STATION. BENCH MARK 503.
 Location Detail: IN LATE WINTER AND EARLY SPRING OF 1933 W.T. SHAW CONDUCTED FIELD STUDIES OF GKR AT THE MOUTH OF PANOCHE CREEK AT AN ELEV OF APPROX 550 FT.
 General: 1 INDIV CAPTURED.
 Owner/Manager: PVT

Emys (=Clemmys) marmorata

western pond turtle

Element Code: ARAAD02030

Status
 Federal: None
 State: None

NDDB Element Ranks
 Global: G3G4
 State: S3

Other Lists
 CDFG Status: SC

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. 28 Map Index: 32784 EO Index: 661 Dates Last Seen
 Occ Rank: Poor Element: 1992-04-26
 Origin: Natural/Native occurrence Site: 1992-04-26
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1996-02-26
 Main Source: ELY, E. 1992 (OBS)

Quad Summary: TUMEY HILLS (3612056/361C)
 County Summary: FRESNO

Lat/Long: 36.57368° / -120.70001° Township: 16S
 UTM: Zone-10 N4050043 E705796 Range: 12E
 Area: 17.2 ac Mapping Precision: SPECIFIC Section: 06 Qtr: NE
 Elevation: 750 ft Symbol Type: POLYGON Meridian: M

Location: SILVER CREEK, TUMEY HILLS; APPROX. 2.5 MILES SSW OF JUNCTION WITH PANOCHÉ CREEK.
 Location Detail: FROM T16S/R12E/NE 1/4 OF NW 1/4 SEC 6 TO T15S/R12E/SW 1/4 OF SE 1/4 SEC 31. DATA FORM #105.
 Ecological: RIPARIAN/RANGELAND; SILVER CREEK RUNS THROUGH SMALL CANYON; CREEK NOT RUNNING ON 5/13/1990, STANDING WATER ONLY (APPROX. 1 INCH DEEP) WITH MUD/MUCK.
 Threat: CATTLE GRAZING; 1990-DROUGHT HAS BEEN SEVERE.
 General: 5/13/1990-3 ADULT TURTLES OBS AT UPSTREAM PORTION OF SITE (SEC 6) COVERED WITH MUD/MUCK. 4/12 AND 4/26/1992-SAME TURTLE OBSERVED AT SAME LOCALITY (SEC 31)
 Owner/Manager: PVT-SILVER CREEK RANCH

Occurrence No. 29 Map Index: 32785 EO Index: 662 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: 1996-02-26
 Main Source: HOLLAND, D. 1988 (PERS)

Quad Summary: TUMEY HILLS (3612056/361C)
 County Summary: FRESNO

Lat/Long: 36.60039° / -120.68585° Township: 15S
 UTM: Zone-10 N4053037 E706992 Range: 12E
 Radius: 2/5 mile Mapping Precision: NON-SPECIFIC Section: 29 Qtr: XX
 Elevation: 640 ft Symbol Type: POINT Meridian: M

Location: SILVER CREEK AT PANOCHÉ ROAD, JUST ABOVE JUNCTION OF SILVER CREEK AND PANOCHÉ CREEK.
 General: COLLECTED BY T. KATO, DATE AND NUMBER OF SPECIMENS UNKNOWN.
 Owner/Manager: UNKNOWN

Occurrence No. 30 Map Index: 32786 EO Index: 663 Dates Last Seen
 Occ Rank: Fair Element: 1993-03-20
 Origin: Natural/Native occurrence Site: 1993-03-20
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1996-02-26
 Main Source: ELY, E. 1992 (OBS)

Quad Summary: TUMEY HILLS (3612056/361C)
 County Summary: FRESNO

Lat/Long: 36.61514° / -120.67555° Township: 15S
 UTM: Zone-10 N4054695 E707874 Range: 12E
 Area: 78.1 ac Mapping Precision: SPECIFIC Section: 21 Qtr: XX
 Elevation: 600 ft Symbol Type: POLYGON Meridian: M

Location: PANOCHÉ CREEK, IMMEDIATELY DOWNSTREAM FROM CONFLUENCE WITH SILVER CREEK.
 Location Detail: 3 SITES: T15S/R12E/SEC 16, 20 AND 21. SITE QUALITY WAS JUDGED AS FAIR TO POOR.
 Ecological: RIPARIAN, UPLAND OF SALT BUSH. OPEN STREAMCOURSE WITH SILT SUBSTRATE.
 Threat: LIVESTOCK GRAZING.
 General: 2/29/1992-1 SPECIMEN OBSERVED & PHOTOGRAPHED IN SEC. 21; CLEMMYS TRACKS OBSERVED IN MUD ON E BOUNDARY OF BLM LAND. 4/12/1992-1 SPECIMEN OBSERVED IN SEC. 16. 3/20/1993-1 ADULT OBSERVED IN SEC 20.
 Owner/Manager: BLM, PVT

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. 22

Map Index: 32781

EO Index: 22404

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: 1996-02-26

Main Source: HOLLAND, D. 1988 (PERS)

Quad Summary: MENDOTA DAM (3612073/381D), FIREBAUGH (3612074/381C)

County Summary: FRESNO, MADERA

Lat/Long: 36.78708° / -120.37155°

Township: 13S

UTM: Zone-10 N4074475 E734542

Range: 15E

Radius: 1 mile

Mapping Precision: NON-SPECIFIC

Section: 19

Qtr: XX

Elevation: 150 ft

Symbol Type: POINT

Meridian: M

Location: SAN JOAQUIN RIVER, APPROX. 1.5 MILES NORTH OF MENDOTA.

General: UC BERKELEY, MUSEUM OF VERTEBRATE ZOOLOGY, SPECIMEN #6847; COLLECTION DATE UNKNOWN.

Owner/Manager: UNKNOWN

Eremophila alpestris actia

California horned lark

Element Code: ABPAT02011

| | | |
|--------------------|--------------------------|-------------------|
| _____ Status _____ | NDDB Element Ranks _____ | Other Lists _____ |
| Federal: None | Global: G5T3 | CDFG Status: SC |
| State: None | State: S3 | |

_____ Habitat Associations _____

General: COASTAL REGIONS, CHIEFLY FROM SONOMA CO. TO SAN DIEGO CO. ALSO MAIN PART OF SAN JOAQUIN VALLEY & EAST TO FOOTHILLS.
 Micro: SHORT-GRASS PRAIRIE, "BALD" HILLS, MOUNTAIN MEADOWS, OPEN COASTAL PLAINS, FALLOW GRAIN FIELDS, ALKALI FLATS.

| | | | |
|-------------------------------------|------------------|-----------------|---------------------------------|
| Occurrence No. 5 | Map Index: 34863 | EO Index: 12997 | _____ Dates Last Seen _____ |
| Occ Rank: Poor | | | Element: 1992-08-25 |
| Origin: Natural/Native occurrence | | | Site: 1992-08-25 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 1996-07-30 |
| Main Source: EHRlich, S. 1992 (OBS) | | | |

Quad Summary: LEVIS (3612054/360C)
 County Summary: FRESNO

| | |
|-----------------------------------|---------------|
| Lat/Long: 36.54584° / -120.48799° | Township: 16S |
| UTM: Zone-10 N4047429 E724852 | Range: 14E |
| Radius: 80 meters | Section: 07 |
| Elevation: 513 ft | Meridian: M |
| Mapping Precision: SPECIFIC | Qtr: SE |
| Symbol Type: POINT | |

Location: 1.8 KM EAST OF INTERSTATE 5 X MOUNTAIN VIEW AVENUE AT PANOCHE JUNCTION.
 Location Detail: AT THE TERMINUS OF NATURAL GAS PIPELINE, MILEPOST 427.0.
 Ecological: NON-NATIVE GRASSLAND, AGRICULTURAL FIELDS.
 Threat: POSSIBLE THREATS: VALVE STATION FOR PIPELINE MAINTENANCE, AGRICULTURE.
 General: 3 ADULTS OBSERVED (2 ADULTS FLUSHED FROM VALVE STATION AREA).
 Owner/Manager: UNKNOWN

Eriogonum temblorense

Temblor buckwheat

Element Code: PDPGN085P0

_____ Status _____

NDDB Element Ranks

_____ Other Lists _____

Federal: None

Global: G3

CNPS List: 1B

State: None

State: S3.2

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

_____ Habitat Associations _____

General: VALLEY AND FOOTHILL GRASSLAND.

Micro: BARREN CLAY OR SANDSTONE SUBSTRATES. 300-1000M.

Occurrence No. 12

Map Index: 31544

EO Index: 57344

_____ 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: 2004-10-10

Main Source: YADON, V. 2000 (PERS)

Quad Summary: TUMEY HILLS (3612056/361C), CHOUNET RANCH (3612066/361B)

County Summary: FRESNO

Lat/Long: 36.61907° / -120.67338°

Township: 15S

UTM: Zone-10 N4055136 E708058

Range: 12E

Radius: 1 mile

Mapping Precision: NON-SPECIFIC

Section: 16

Qtr: SW

Elevation: 600 ft

Symbol Type: POINT

Meridian: M

Location: AT THE GAGING STATION ON PANOCHE ROAD, W OF I-5.

Location Detail: EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS BY CNDDDB, AT THE GAGING STATION ON PANOCHE CREEK, APPROX. 0.7 MILE E OF THE CONFLUENCE OF SILVER CREEK AND PANOCHE CREEK.

Ecological: SOILS ARE MOUSE GRAY IN COLOR.

General: ONLY INFORMATION FOR THIS SITE IS 2000 EMAIL FROM V. YADON. UNKNOWN DATE OF SITE VISIT OR NUMBER OF PLANTS SEEN. NEEDS FIELDWORK.

Owner/Manager: UNKNOWN

Eriogonum temblorense

Temblor buckwheat

Element Code: PDPGN085P0

Status _____ NDDDB Element Ranks _____ Other Lists _____
Federal: None Global: G3 CNPS List: 1B
State: None State: S3.2 R-E-D Code: 2-2-3

Habitat Associations

General: VALLEY AND FOOTHILL GRASSLAND.

Micro: BARREN CLAY OR SANDSTONE SUBSTRATES. 300-1000M.

Occurrence No. 12 Map Index: 31544 EO Index: 57344 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: 2004-10-10
Main Source: YADON, V. 2000 (PERS)

Quad Summary: TUMEY HILLS (3612056/361C), CHOUNET RANCH (3612066/361B)

County Summary: FRESNO

Lat/Long: 36.61907° / -120.67338° Township: 15S
UTM: Zone-10 N4055136 E708058 Range: 12E
Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 16 Qtr: SW
Elevation: 600 ft Symbol Type: POINT Meridian: M

Location: AT THE GAGING STATION ON PANOCHE ROAD, W OF I-5.

Location Detail: EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS BY CNDDDB, AT THE GAGING STATION ON PANOCHE CREEK, APPROX. 0.7 MILE E OF THE CONFLUENCE OF SILVER CREEK AND PANOCHE CREEK.

Ecological: SOILS ARE MOUSE GRAY IN COLOR.

General: ONLY INFORMATION FOR THIS SITE IS 2000 EMAIL FROM V. YADON. UNKNOWN DATE OF SITE VISIT OR NUMBER OF PLANTS SEEN. NEEDS FIELDWORK.

Owner/Manager: UNKNOWN

Erodium macrophyllum
 round-leaved filaree

Element Code: PDGER01070

Status: _____ NDDDB Element Ranks: _____ Other Lists: _____
 Federal: None Global: G4
 State: None State: S2.1 CNPS List: 2
 R-E-D Code: 2-3-1

Habitat Associations: _____
 General: CISMONTANE WOODLAND, VALLEY AND FOOTHILL GRASSLAND.
 Micro: CLAY SOILS. 15-1200M.

Occurrence No. 32 Map Index: 45753 EO Index: 45753 Dates Last Seen: _____
 Occ Rank: Unknown Element: 1991-05-07
 Origin: Natural/Native occurrence Site: 1991-05-07
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2001-10-04
 Main Source: TAYLOR, D. #11669 JEPS #87023 (HERB)

Quad Summary: TUMEY HILLS (3612056/361C)
 County Summary: SAN BENITO

Lat/Long: 36.50845° / -120.73502° Township: 16S
 UTM: Zone-10 N4042731 E702834 Range: 11E
 Area: 635.9 ac Mapping Precision: NON-SPECIFIC Section: 26 Qtr: XX
 Elevation: 2,980 ft Symbol Type: POLYGON Meridian: M

Location: GRISWOLD HILLS, TUMEY HILLS 7.5' USGS QUAD, SOUTH COAST RANGES.
 Location Detail: EXACT LOCATION UNKNOWN, MAPPED BY CNDDDB AT ELEVATION AND T-R-S PROVIDED BY TAYLOR.
 Ecological: GYPSUM CLAY SLOPES IN ANNUAL GRASSLAND.
 General: NEEDS FIELDWORK.
 Owner/Manager: UNKNOWN

Occurrence No. 73 Map Index: 46137 EO Index: 46137 Dates Last Seen: _____
 Occ Rank: Unknown Element: 1999-06-25
 Origin: Natural/Native occurrence Site: 1999-06-25
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2001-10-15
 Main Source: BAINBRIDGE, S 1999 (PERS)

Quad Summary: TUMEY HILLS (3612056/361C)
 County Summary: FRESNO

Lat/Long: 36.60823° / -120.65010° Township: 15S
 UTM: Zone-10 N4053984 E710169 Range: 12E
 Area: 459.0 ac Mapping Precision: NON-SPECIFIC Section: 22 Qtr: XX
 Elevation: Symbol Type: POLYGON Meridian: M

Location: TUMEY HILLS.
 General: NEEDS FIELDWORK; NEED BETTER LOCATION DATA AND MORE ECOLOGICAL INFORMATION, POP NUMBERS, ETC.
 Owner/Manager: UNKNOWN

Eumops perotis californicus

western mastiff bat

Element Code: AMACD02011

Status _____ NDDB Element Ranks _____ Other Lists _____
 Federal: None Global: G5T4 CDFG Status: SC
 State: None State: S3?

Habitat Associations

General: MANY OPEN, SEMI-ARID TO ARID HABITATS, INCLUDING CONIFER & DECIDUOUS WOODLANDS, COASTAL SCRUB, GRASSLANDS, CHAPARRAL ETC
 Micro: ROOSTS IN CREVICES IN CLIFF FACES, HIGH BUILDINGS, TREES & TUNNELS.

Occurrence No. 14 Map Index: 33088 EO Index: 17131 Dates Last Seen _____
 Occ Rank: Good Element: 1992-08-27
 Origin: Natural/Native occurrence Site: 1992-08-27
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1996-01-10
 Main Source: PIERSON, E. 1992 (OBS)

Quad Summary: TUMEY HILLS (3612056/361C)
 County Summary: FRESNO, SAN BENITO

Lat/Long: 36.56590° / -120.70261° Township: 16S
 UTM: Zone-10 N4049174 E705585 Range: 12E
 Radius: 3/5 mile Mapping Precision: NON-SPECIFIC Section: 06 Qtr: XX
 Elevation: 800 ft Symbol Type: POINT Meridian: M

Location: SILVER CREEK, IN THE TUMEY HILLS, 7.5 MILES ESE OF PANOCHE.
 Ecological: HABITAT CONSISTS OF A CANYON WITH DRY, SANDSTONE CLIFFS.
 General: 27 MASTIFF BATS DETECTED ACCOUSTICALLY.

Owner/Manager: PVT

Falco mexicanus

prairie falcon

Element Code: ABNKD06090

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

Habitat Associations _____
 General: (NESTING) INHABITS DRY, OPEN TERRAIN, EITHER LEVEL OR HILLY.
 Micro: BREEDING SITES LOCATED ON CLIFFS. FORAGES FAR AFIELD, EVEN TO MARSHLANDS AND OCEAN SHORES.

Occurrence No. 402 Map Index: 12803 EO Index: 26023 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: 1989-08-10
 Main Source: CDFG RAPTOR NEST FILES 1981 (PERS)

Quad Summary: TUMEY HILLS (3612056/361C)
 County Summary: FRESNO

* SENSITIVE * Lat/Long: _____ Township: _____
 UTM: _____ Range: _____
 Radius: _____ Mapping Precision: _____ Section: _____ Qtr: _____
 Elevation: _____ Symbol Type: _____ Meridian: _____

Location: *SENSITIVE* Location information suppressed.
 Location Detail: Please contact the California Natural Diversity Database, California Department of Fish and Game, for more information: (916) 324-3812.
 Owner/Manager:

Occurrence No. 452 Map Index: 33367 EO Index: 29258 Dates Last Seen _____
 Occ Rank: Unknown Element: 1994-05-23
 Origin: Natural/Native occurrence Site: 1994-05-23
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1996-04-11
 Main Source: BRUEGGEMANN, R. 1994 (OBS)

Quad Summary: TUMEY HILLS (3612056/361C)
 County Summary: FRESNO

* SENSITIVE * Lat/Long: _____ Township: _____
 UTM: _____ Range: _____
 Radius: _____ Mapping Precision: _____ Section: _____ Qtr: _____
 Elevation: _____ Symbol Type: _____ Meridian: _____

Location: *SENSITIVE* Location information suppressed.
 Location Detail: Please contact the California Natural Diversity Database, California Department of Fish and Game, for more information: (916) 324-3812.
 Ecological: EYRIE IS LOCATED ON A SANDSTONE-LIKE CLIFF.
 Owner/Manager:

Falco mexicanus

prairie falcon

Element Code: ABNKD06090

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

Habitat Associations _____
 General: (NESTING) INHABITS DRY, OPEN TERRAIN, EITHER LEVEL OR HILLY.
 Micro: BREEDING SITES LOCATED ON CLIFFS. FORAGES FAR AFIELD, EVEN TO MARSHLANDS AND OCEAN SHORES.

Occurrence No. 158 Map Index: 12749 EO Index: 26250 Dates Last Seen _____
 Occ Rank: Unknown Element: 1972-04-20
 Origin: Natural/Native occurrence Site: 1972-04-20
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: CDFG RAPTOR NEST FILES 1981 (PERS)

Quad Summary: TUMEY HILLS (3612056/361C)
 County Summary: SAN BENITO

* SENSITIVE * Lat/Long: _____ Township: _____
 UTM: _____ Range: _____
 Radius: _____ Mapping Precision: _____ Section: _____ Qtr: _____
 Elevation: _____ Symbol Type: _____ Meridian: _____

Location: *SENSITIVE* Location information suppressed.
 Location Detail: Please contact the California Natural Diversity Database, California Department of Fish and Game, for more information: (916) 324-3812.
 Owner/Manager:

Occurrence No. 361 Map Index: 12721 EO Index: 13061 Dates Last Seen _____
 Occ Rank: Unknown Element: 1978-XX-XX
 Origin: Natural/Native occurrence Site: 1978-XX-XX
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: CDFG RAPTOR NEST FILES 1981 (PERS)

Quad Summary: TUMEY HILLS (3612056/361C)
 County Summary: SAN BENITO

* SENSITIVE * Lat/Long: _____ Township: _____
 UTM: _____ Range: _____
 Radius: _____ Mapping Precision: _____ Section: _____ Qtr: _____
 Elevation: _____ Symbol Type: _____ Meridian: _____

Location: *SENSITIVE* Location information suppressed.
 Location Detail: Please contact the California Natural Diversity Database, California Department of Fish and Game, for more information: (916) 324-3812.
 Owner/Manager:

Occurrence No. 372 Map Index: 12739 EO Index: 26047 Dates Last Seen _____
 Occ Rank: Unknown Element: 1981-07-08
 Origin: Natural/Native occurrence Site: 1981-07-08
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: CDFG RAPTOR NEST FILES 1981 (PERS)

Quad Summary: TUMEY HILLS (3612056/361C)
 County Summary: SAN BENITO

* SENSITIVE * Lat/Long: _____ Township: _____
 UTM: _____ Range: _____
 Radius: _____ Mapping Precision: _____ Section: _____ Qtr: _____
 Elevation: _____ Symbol Type: _____ Meridian: _____

Location: *SENSITIVE* Location information suppressed.
 Location Detail: Please contact the California Natural Diversity Database, California Department of Fish and Game, for more information: (916) 324-3812.
 Owner/Manager:

Gambelia sila

blunt-nosed leopard lizard

Element Code: ARACF07010

Status: _____ NDDDB Element Ranks: _____ Other Lists: _____
Federal: Endangered Global: G1
State: Endangered State: S1 CDFG Status: _____

Habitat Associations

General: RESIDENT OF SPARSELY VEGETATED ALKALI AND DESERT SCRUB HABITATS, IN AREAS OF LOW TOPOGRAPHIC RELIEF.
Micro: SEEKS COVER IN MAMMAL BURROWS, UNDER SHRUBS OR STRUCTURES SUCH AS FENCE POSTS; THEY DO NOT EXCAVATE THEIR OWN BURROWS.

Occurrence No. 111 Map Index: 13540 EO Index: 27802 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: 1995-04-25
Main Source: BRODE, J. & D. STROUD 1974 (LIT)

Quad Summary: MENDOTA DAM (3612073/381D), FIREBAUGH (3612074/381C)
County Summary: MADERA

Lat/Long: 36.85939° / -120.38295° Township: 12S
UTM: Zone-10 N4082471 E733305 Range: 14E
Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 25 Qtr: NE
Elevation: 150 ft Symbol Type: POINT Meridian: M

Location: 4 MILES EAST OF FIREBAUGH ON ROAD #9

General: KU SPECIMEN.
Owner/Manager: UNKNOWN

Gambelia sila

blunt-nosed leopard lizard

Element Code: ARACF07010

Status _____ NDDB Element Ranks _____ Other Lists _____
 Federal: Endangered Global: G1
 State: Endangered State: S1 CDFG Status: _____

Habitat Associations

General: RESIDENT OF SPARSELY VEGETATED ALKALI AND DESERT SCRUB HABITATS, IN AREAS OF LOW TOPOGRAPHIC RELIEF.
 Micro: SEEKS COVER IN MAMMAL BURROWS, UNDER SHRUBS OR STRUCTURES SUCH AS FENCE POSTS; THEY DO NOT EXCAVATE THEIR OWN BURROWS.

Occurrence No. 224 Map Index: 12743 EO Index: 27711 Dates Last Seen _____
 Occ Rank: Unknown Element: 1980-05-20
 Origin: Natural/Native occurrence Site: 1980-05-20
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: DEPT. OF FISH & GAME 1985 (PERS)

Quad Summary: CHOUNET RANCH (3612066/361B)
 County Summary: FRESNO

Lat/Long: 36.66911° / -120.70935° Township: 14S
 UTM: Zone-10 N4060611 E704708 Range: 12E
 Radius: 1/5 mile Mapping Precision: NON-SPECIFIC Section: 31 Qtr: XX
 Elevation: 1,120 ft Symbol Type: POINT Meridian: M

Location: PANOCHE HILLS.
 Location Detail: ADULT FEMALE CAPTURED ON ROAD.
 Ecological: GRAZED GRASSLAND.
 Threat: GRAZING.
 General: OBS BY R. FARVE & T. RADO.
 Owner/Manager: UNKNOWN

Occurrence No. 225 Map Index: 12795 EO Index: 27710 Dates Last Seen _____
 Occ Rank: Unknown Element: 1980-05-14
 Origin: Natural/Native occurrence Site: 1980-05-14
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: DEPT. OF FISH & GAME 1985 (PERS)

Quad Summary: CHOUNET RANCH (3612066/361B)
 County Summary: FRESNO

Lat/Long: 36.66271° / -120.68851° Township: 14S
 UTM: Zone-10 N4059945 E706588 Range: 12E
 Radius: 1/5 mile Mapping Precision: NON-SPECIFIC Section: 32 Qtr: SW
 Elevation: 760 ft Symbol Type: POINT Meridian: M

Location: PANOCHE HILLS.
 Location Detail: ADULT MALE NEAR SW-FACING BURROW.
 Ecological: GRAZED GRASSLAND.
 Threat: GRAZING.
 General: OBS BY FARVE & RADO.
 Owner/Manager: UNKNOWN

Occurrence No. 228 Map Index: 12717 EO Index: 27716 Dates Last Seen _____
 Occ Rank: Unknown Element: 1979-06-26
 Origin: Natural/Native occurrence Site: 1979-06-26
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: DEPT. OF FISH & GAME 1985 (PERS)

Quad Summary: CHOUNET RANCH (3612066/361B)
 County Summary: FRESNO

Lat/Long: 36.70966° / -120.72240° Township: 14S
 UTM: Zone-10 N4065082 E703435 Range: 11E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 13 Qtr: XX
 Elevation: 1,080 ft Symbol Type: POINT Meridian: M

Location: MARLA CYN.
 Ecological: GRASSLAND.
 General: OBS BY FARVE.
 Owner/Manager: UNKNOWN

Gambelia sila

blunt-nosed leopard lizard

Element Code: ARACF07010

Status
 Federal: Endangered
 State: Endangered

NDDB Element Ranks
 Global: G1
 State: S1

Other Lists
 CDFG Status:

Habitat Associations

General: RESIDENT OF SPARSELY VEGETATED ALKALI AND DESERT SCRUB HABITATS, IN AREAS OF LOW TOPOGRAPHIC RELIEF.

Micro: SEEKS COVER IN MAMMAL BURROWS, UNDER SHRUBS OR STRUCTURES SUCH AS FENCE POSTS; THEY DO NOT EXCAVATE THEIR OWN BURROWS.

Occurrence No. 223 Map Index: 12726 EO Index: 27717 Dates Last Seen
 Occ Rank: Unknown Element: 1980-06-23
 Origin: Natural/Native occurrence Site: 1980-06-23
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: DEPT. OF FISH & GAME 1985 (PERS)

Quad Summary: TUMEY HILLS (3612056/361C)
 County Summary: FRESNO

Lat/Long: 36.62206° / -120.71780° Township: 15S
 UTM: Zone-10 N4055372 E704077 Range: 11E
 Radius: 1/5 mile Mapping Precision: NON-SPECIFIC Section: 13 Qtr: XX
 Elevation: 1,000 ft Symbol Type: POINT Meridian: M

Location: PANOCHE CREEK.
 Ecological: GRAZED ATRIPLEX/GRASSLAND.
 Threat: GRAZING.
 General: LARGE MALE OBS BY FARVE.
 Owner/Manager: UNKNOWN

Gambelia sila

blunt-nosed leopard lizard

Element Code: ARACF07010

Status _____ NDDB Element Ranks _____ Other Lists _____
 Federal: Endangered Global: G1
 State: Endangered State: S1 CDFG Status: _____

Habitat Associations

General: RESIDENT OF SPARSELY VEGETATED ALKALI AND DESERT SCRUB HABITATS, IN AREAS OF LOW TOPOGRAPHIC RELIEF.
 Micro: SEEKS COVER IN MAMMAL BURROWS, UNDER SHRUBS OR STRUCTURES SUCH AS FENCE POSTS; THEY DO NOT EXCAVATE THEIR OWN BURROWS.

Occurrence No. 217 Map Index: 12803 EO Index: 27720 Dates Last Seen _____
 Occ Rank: Unknown Element: 1979-XX-XX
 Origin: Natural/Native occurrence Site: 1979-XX-XX
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: TOLLESTRUP, K. 1979 (LIT)

Quad Summary: TUMEY HILLS (3612056/361C)
 County Summary: FRESNO

Lat/Long: _____ Township: _____
 UTM: _____ Range: _____
 Radius: _____ Mapping Precision: _____ Section: _____ Qtr: _____
 Elevation: _____ Symbol Type: _____ Meridian: _____

Location: SILVER CREEK.
 General: MUSEUM SPECIMEN LOCALITY.
 Owner/Manager: UNKNOWN

Occurrence No. 218 Map Index: 12674 EO Index: 27715 Dates Last Seen _____
 Occ Rank: Unknown Element: 1979-XX-XX
 Origin: Natural/Native occurrence Site: 1979-XX-XX
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1997-02-25
 Main Source: TOLLESTRUP, K. 1979 (LIT)

Quad Summary: TUMEY HILLS (3612056/361C), PANOCHE (3612057/362D)
 County Summary: FRESNO, SAN BENITO

Lat/Long: 36.58296° / -120.74153° Township: 15S
 UTM: Zone-10 N4050984 E702057 Range: 11E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 35 Qtr: SW
 Elevation: 1,160 ft Symbol Type: POINT Meridian: M

Location: 0.5 MI W OF PANOCHE RD, 1.5 MI W OF FRESNO - SAN BENITO CO LINE.
 General: MUSEUM SPECIMEN LOCALITY.
 Owner/Manager: UNKNOWN

Occurrence No. 220 Map Index: 12759 EO Index: 27718 Dates Last Seen _____
 Occ Rank: Good Element: 1993-06-29
 Origin: Natural/Native occurrence Site: 1993-06-29
 Presence: Presumed Extant
 Trend: Stable Record Last Updated: 1994-07-14
 Main Source: JOHNSON, D. 1993 (OBS)

Quad Summary: TUMEY HILLS (3612056/361C)
 County Summary: FRESNO, SAN BENITO

Lat/Long: 36.57939° / -120.70211° Township: 15S
 UTM: Zone-10 N4050672 E705593 Range: 12E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 31 Qtr: XX
 Elevation: 1,000 ft Symbol Type: POINT Meridian: M

Location: VICINITY OF PANOCHE ROAD, SILVER CREEK AND SAN BENITO/FRESNO CO. LINE.
 Location Detail: MUSEUM RECORD FROM T15S, R12E SEC 31, 1993 OBSERVATION OF 1 INDIVIDUAL FROM T15S, R11E, SEC 36.
 Ecological: ANNUAL GRASSLAND WITH MODERATE LIVESTOCK GRAZING. ROAD STRATA SANDY LOAM WITH GRAVEL BASE.
 General: MUSEUM SPECIMEN LOCALITY (DATE UNKNOWN) REPORTED BY TOLLESTRUP IN 1979. 1993 OBSERVATION BY RODENT BUROW ON SO SIDE OF PANOCHE RD IN CUT BANK.
 Owner/Manager: PVT-SILVER CREEK RANCH

Gambelia sila

blunt-nosed leopard lizard

Element Code: ARACF07010

Status
 Federal: Endangered
 State: Endangered

NDDB Element Ranks
 Global: G1
 State: S1

Other Lists
 CDFG Status:

Habitat Associations

General: RESIDENT OF SPARSELY VEGETATED ALKALI AND DESERT SCRUB HABITATS, IN AREAS OF LOW TOPOGRAPHIC RELIEF.

Micro: SEEKS COVER IN MAMMAL BURROWS, UNDER SHRUBS OR STRUCTURES SUCH AS FENCE POSTS; THEY DO NOT EXCAVATE THEIR OWN BURROWS.

Occurrence No. 216

Map Index: 13073

EO Index: 27722

Dates Last Seen

Occ Rank: Unknown

Origin: Natural/Native occurrence

Presence: Presumed Extant

Trend: Unknown

Main Source: TOLLESTRUP, K. 1979 (LIT)

Element: 1979-XX-XX

Site: 1979-XX-XX

Record Last Updated: 1989-08-10

Quad Summary: MONOCLINE RIDGE (3612055/361D), TUMEY HILLS (3612056/361C)

County Summary: FRESNO

Lat/Long: 36.60744° / -120.62045°

UTM: Zone-10 N4053962 E712824

Radius: 1 mile

Elevation: 730 ft

Mapping Precision: NON-SPECIFIC

Symbol Type: POINT

Township: 15S

Range: 12E

Section: 24

Meridian: M

Qtr: XX

Location: TUMEY HILLS-INTERSTATE 5 NB; MANNING AVE JCT.

General: OBS BY TOLLESTRUP. 2 FIELD SURVEY LOCALITIES, 1 MUSEUM SPECIMEN LOCALITY.

Owner/Manager: UNKNOWN

Gambelia sila

blunt-nosed leopard lizard

Element Code: ARACF07010

Status
 Federal: Endangered
 State: Endangered

NDDB Element Ranks
 Global: G1
 State: S1

Other Lists
 CDFG Status:

Habitat Associations

General: RESIDENT OF SPARSELY VEGETATED ALKALI AND DESERT SCRUB HABITATS, IN AREAS OF LOW TOPOGRAPHIC RELIEF.

Micro: SEEKS COVER IN MAMMAL BURROWS, UNDER SHRUBS OR STRUCTURES SUCH AS FENCE POSTS; THEY DO NOT EXCAVATE THEIR OWN BURROWS.

Occurrence No. 144 Map Index: 13419 EO Index: 27762 Dates Last Seen
 Occ Rank: Unknown Element: 1960-05-14
 Origin: Natural/Native occurrence Site: 1960-05-14
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: BRODE, J. & D. STROUD 1974 (LIT)

Quad Summary: LEVIS (3612054/360C)
 County Summary: FRESNO

Lat/Long: 36.53216° / -120.43211° Township: 16S
 UTM: Zone-10 N4046043 E729895 Range: 14E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 15 Qtr: SE
 Elevation: 390 ft Symbol Type: POINT Meridian: M

Location: 15.4 AIR MI AT 55 DEGREES FROM NEW IDRIA.

General: SU SPECIMEN.

Owner/Manager: UNKNOWN

Occurrence No. 221 Map Index: 13354 EO Index: 27714 Dates Last Seen
 Occ Rank: Unknown Element: 1979-XX-XX
 Origin: Natural/Native occurrence Site: 1979-XX-XX
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: TOLLESTRUP, K. 1979 (LIT)

Quad Summary: LEVIS (3612054/360C)
 County Summary: FRESNO

Lat/Long: 36.54189° / -120.45628° Township: 16S
 UTM: Zone-10 N4047065 E727702 Range: 14E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 16 Qtr: XX
 Elevation: 420 ft Symbol Type: POINT Meridian: M

Location: S OF MOUNTAIN VIEW AVE, E OF WASHOE AVE.

General: 2 MUSEUM SPECIMEN LOCALITIES.

Owner/Manager: UNKNOWN

Gambelia sila

blunt-nosed leopard lizard

Element Code: ARACF07010

Status
 Federal: Endangered
 State: Endangered

NDDB Element Ranks
 Global: G1
 State: S1

Other Lists
 CDFG Status:

Habitat Associations

General: RESIDENT OF SPARSELY VEGETATED ALKALI AND DESERT SCRUB HABITATS, IN AREAS OF LOW TOPOGRAPHIC RELIEF.

Micro: SEEKS COVER IN MAMMAL BURROWS, UNDER SHRUBS OR STRUCTURES SUCH AS FENCE POSTS; THEY DO NOT EXCAVATE THEIR OWN BURROWS.

Occurrence No. 47 Map Index: 12713 EO Index: 27847 Dates Last Seen
 Occ Rank: Unknown Element: 1957-07-03
 Origin: Natural/Native occurrence Site: 1957-07-03
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: BRODE, J. & D. STROUD 1974 (LIT)

Quad Summary: TUMEY HILLS (3612056/361C), CHOUNET RANCH (3612066/361B)
 County Summary: FRESNO

Lat/Long: 36.61502° / -120.72088° Township: 15S
 UTM: Zone-10 N4054585 E703820 Range: 11E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 24 Qtr: N
 Elevation: 800 ft Symbol Type: POINT Meridian: M

Location: PANOCHE CR CYN, INCLUDING MOUTH.
 Location Detail: OBS IN T15S, R11E, S23 AND T15S, R12E, S18 & S19.
 General: ALSO CAS & SU SPECIMENS.
 Owner/Manager: UNKNOWN

Occurrence No. 178 Map Index: 12679 EO Index: 27752 Dates Last Seen
 Occ Rank: Unknown Element: 1980-06-23
 Origin: Natural/Native occurrence Site: 1980-06-23
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: DEPT. OF FISH & GAME 1985 (PERS)

Quad Summary: TUMEY HILLS (3612058/361C)
 County Summary: SAN BENITO

Lat/Long: 36.58300° / -120.73795° Township: 15S
 UTM: Zone-10 N4050996 E702377 Range: 11E
 Radius: 1/5 mile Mapping Precision: NON-SPECIFIC Section: 35 Qtr: NW
 Elevation: 1,240 ft Symbol Type: POINT Meridian: M

Location: PANOCHE RD NR FRESNO - SAN BENITO CO LINE.
 Location Detail: 1 OBS ALONG ROAD.
 Ecological: GRAZED GRASSLAND.
 Threat: GRAZING THREATENS.
 Owner/Manager: PVT

Occurrence No. 216 Map Index: 13073 EO Index: 27722 Dates Last Seen
 Occ Rank: Unknown Element: 1979-XX-XX
 Origin: Natural/Native occurrence Site: 1979-XX-XX
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: TOLLESTRUP, K. 1979 (LIT)

Quad Summary: MONOCLINE RIDGE (3612055/361D), TUMEY HILLS (3612056/361C)
 County Summary: FRESNO

Lat/Long: 36.60744° / -120.62045° Township: 15S
 UTM: Zone-10 N4053962 E712824 Range: 12E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 24 Qtr: XX
 Elevation: 730 ft Symbol Type: POINT Meridian: M

Location: TUMEY HILLS-INTERSTATE 5 NR MANNING AVE JCT.
 General: OBS BY TOLLESTRUP. 2 FIELD SURVEY LOCALITIES, 1 MUSEUM SPECIMEN LOCALITY.
 Owner/Manager: UNKNOWN

Gambelia sila

blunt-nosed leopard lizard

Element Code: ARACF07010

| | | |
|---------------------|--------------------|--------------|
| Status | NDDB Element Ranks | Other Lists |
| Federal: Endangered | Global: G1 | CDFG Status: |
| State: Endangered | State: S1 | |

Habitat Associations

General: RESIDENT OF SPARSELY VEGETATED ALKALI AND DESERT SCRUB HABITATS, IN AREAS OF LOW TOPOGRAPHIC RELIEF.
 Micro: SEEKS COVER IN MAMMAL BURROWS, UNDER SHRUBS OR STRUCTURES SUCH AS FENCE POSTS; THEY DO NOT EXCAVATE THEIR OWN BURROWS.

| | | | |
|---|------------------|-----------------|---------------------------------|
| Occurrence No. 8 | Map Index: 12716 | EO Index: 27873 | Dates Last Seen |
| Occ Rank: Unknown | | | Element: XXXX-XX-XX |
| Origin: Natural/Native occurrence | | | Site: XXXX-XX-XX |
| Presence: Presumed Extant | | | Record Last Updated: 1989-08-10 |
| Trend: Unknown | | | |
| Main Source: BRODE, J. & D. STROUD 1974 (LIT) | | | |

Quad Summary: CHOUNET RANCH (3812066/381B), HAMMONDS RANCH (3812076/382C)
 County Summary: FRESNO

| | |
|-----------------------------------|---------------|
| Lat/Long: 36.75966° / -120.72379° | Township: 13S |
| UTM: Zone-10 N4070627 E703178 | Range: 11E |
| Radius: 1 mile | Section: 36 |
| Elevation: 595 ft | Meridian: M |
| Mapping Precision: NON-SPECIFIC | Qtr: NW |
| Symbol Type: POINT | |

Location: APPROX 2 MI S JCT I-5 AND SHIELDS AVE.
 Location Detail: KU SPECIMENS COLLECTED 2 MI S, SW & SE JCT I-5 AND SHIELDS AVE.
 Owner/Manager: UNKNOWN

| | | | |
|---|------------------|-----------------|---------------------------------|
| Occurrence No. 181 | Map Index: 12740 | EO Index: 27750 | Dates Last Seen |
| Occ Rank: Unknown | | | Element: 1978-XX-XX |
| Origin: Natural/Native occurrence | | | Site: 1978-XX-XX |
| Presence: Presumed Extant | | | Record Last Updated: 1989-08-10 |
| Trend: Unknown | | | |
| Main Source: TOLLESTRUP, K, 1978 (PERS) | | | |

Quad Summary: HAMMONDS RANCH (3812076/382C)
 County Summary: FRESNO

| | |
|-----------------------------------|---------------|
| Lat/Long: 36.78911° / -120.71546° | Township: 13S |
| UTM: Zone-10 N4073912 E703844 | Range: 11E |
| Radius: 1 mile | Section: 24 |
| Elevation: 410 ft | Meridian: M |
| Mapping Precision: NON-SPECIFIC | Qtr: NE |
| Symbol Type: POINT | |

Location: 1 MI S OF CALIFORNIA AQUEDUCT.
 Location Detail: OBS ALSO IN SECTIONS 18, 19, AND 20 IN R12E.
 Owner/Manager: UNKNOWN

Gambelia sila

blunt-nosed leopard lizard

Element Code: ARACF07010

Status: _____ NDDDB Element Ranks: _____ Other Lists: _____
 Federal: Endangered Global: G1 CDFG Status: _____
 State: Endangered State: S1

Habitat Associations

General: RESIDENT OF SPARSELY VEGETATED ALKALI AND DESERT SCRUB HABITATS, IN AREAS OF LOW TOPOGRAPHIC RELIEF.
 Micro: SEEKS COVER IN MAMMAL BURROWS, UNDER SHRUBS OR STRUCTURES SUCH AS FENCE POSTS; THEY DO NOT EXCAVATE THEIR OWN BURROWS.

Occurrence No. 8 Map Index: 12716 EO Index: 27873 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: 1989-08-10
 Main Source: BRODE, J. & D. STROUD 1974 (LIT)

Quad Summary: CHOUNET RANCH (3612066/361B), HAMMONDS RANCH (3612076/382C)
 County Summary: FRESNO

Lat/Long: 36.75966° / -120.72379° Township: 13S
 UTM: Zone-10 N4070627 E703178 Range: 11E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 36 Qtr: NW
 Elevation: 595 ft Symbol Type: POINT Meridian: M

Location: APPROX 2 MI S JCT I-5 AND SHIELDS AVE.
 Location Detail: KU SPECIMENS COLLECTED 2 MI S, SW & SE JCT I-5 AND SHIELDS AVE.
 Owner/Manager: UNKNOWN

Occurrence No. 46 Map Index: 12949 EO Index: 27845 Dates Last Seen _____
 Occ Rank: Unknown Element: 1958-05-17
 Origin: Natural/Native occurrence Site: 1958-05-17
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: BRODE, J. & D. STROUD 1974 (LIT)

Quad Summary: CHOUNET RANCH (3612066/361B)
 County Summary: FRESNO

Lat/Long: 36.63299° / -120.64906° Township: 15S
 UTM: Zone-10 N4056734 E710195 Range: 12E
 Radius: 1/5 mile Mapping Precision: NON-SPECIFIC Section: 15 Qtr: N
 Elevation: 500 ft Symbol Type: POINT Meridian: M

Location: PANOCHE CREEK.
 General: MVZ & SU SPECIMENS. ALSO A MUS RECORD FOR JULY, 1956.
 Owner/Manager: UNKNOWN

Occurrence No. 47 Map Index: 12713 EO Index: 27847 Dates Last Seen _____
 Occ Rank: Unknown Element: 1957-07-03
 Origin: Natural/Native occurrence Site: 1957-07-03
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: BRODE, J. & D. STROUD 1974 (LIT)

Quad Summary: TUMEY HILLS (3612056/361C), CHOUNET RANCH (3612066/361B)
 County Summary: FRESNO

Lat/Long: 36.61502° / -120.72088° Township: 15S
 UTM: Zone-10 N4054585 E703820 Range: 11E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 24 Qtr: N
 Elevation: 800 ft Symbol Type: POINT Meridian: M

Location: PANOCHE CR CYN, INCLUDING MOUTH.
 Location Detail: OBS IN T15S, R11E, S23 AND T15S, R12E, S18 & S19.
 General: ALSO CAS & SU SPECIMENS.
 Owner/Manager: UNKNOWN

Layia munzii

Munz's tidy-tips

Element Code: PDAST5N0B0

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G1

CNPS List: 1B

State: None

State: S1.1

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

Habitat Associations

General: CHENOPOD SCRUB, VALLEY AND FOOTHILL GRASSLAND.

Micro: HILLSIDES, IN WHITE-GREY ALKALINE CLAY SOILS, W/GRASSES AND CHENOPOD SCRUB ASSOCIATES. 45-760M.

Occurrence No. 5

Map Index: 31285

EO Index: 3122

Dates Last Seen

Occ Rank: Unknown

Element: 1936-03-21

Origin: Natural/Native occurrence

Site: 1936-03-21

Presence: Presumed Extant

Trend: Unknown

Record Last Updated: 1995-05-25

Main Source: HOOVER, R. #829 UC (HERB)

Quad Summary: HAMMONDS RANCH (3612076/382C), LAGUNA SECA RANCH (3612077/383D)

County Summary: FRESNO

Lat/Long: 36.79809° / -120.75331°

Township: 13S

UTM: Zone-10 N4074829 E700443

Range: 11E

Radius: 1 mile

Mapping Precision: NON-SPECIFIC

Section: 15

Qtr: SE

Elevation: 450 ft

Symbol Type: POINT

Meridian: M

Location: FLOODPLAIN (WASH) OF LITTLE PANOCHE CREEK.

General: SITE KNOWN FROM TWO COLLECTIONS BY HOOVER; #829 IN 1936 AND #406 (JEPS) IN 1935.

Owner/Manager: UNKNOWN

Layia munzii

Munz's tidy-lips

Element Code: PDAST5N0B0

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G1

CNPS List: 1B

State: None

State: S1.1

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

Habitat Associations

General: CHENOPOD SCRUB, VALLEY AND FOOTHILL GRASSLAND.

Micro: HILLSIDES, IN WHITE-GREY ALKALINE CLAY SOILS, W/GRASSES AND CHENOPOD SCRUB ASSOCIATES. 45-760M.

Occurrence No. 3

Map Index: 31287

EO Index: 3129

Dates Last Seen

Occ Rank: Unknown

Element: 1940-03-22

Origin: Natural/Native occurrence

Site: 1940-03-22

Presence: Presumed Extant

Trend: Unknown

Record Last Updated: 1995-05-25

Main Source: HOOVER, R. #4237 UC (HERB)

Quad Summary: TRANQUILLITY (3612063/360A), COIT RANCH (3612064/360B)

County Summary: FRESNO

Lat/Long: 36.64575° / -120.38647°

Township: 15S

UTM: Zone-10 N4058757 E733639

Range: 15E

Radius: 1 mile

Mapping Precision: NON-SPECIFIC

Section: 07

Qtr: NW

Elevation: 190 ft

Symbol Type: POINT

Meridian: M

Location: 8-9 MILES SOUTH OF MENDOTA.

General: SITE KNOWN FROM TWO COLLECTIONS BY HOOVER; #4237 IN 1940, AND #2945 (JEPS) IN 1938.

Owner/Manager: UNKNOWN

Layia munzii

Munz's tidy-tips

Element Code: PDAST5N0B0

Status

NDDDB Element Ranks

Other Lists

Federal: None

Global: G1

CNPS List: 1B

State: None

State: S1.1

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

Habitat Associations

General: CHENOPOD SCRUB, VALLEY AND FOOTHILL GRASSLAND.

Micro: HILLSIDES, IN WHITE-GREY ALKALINE CLAY SOILS, W/GRASSES AND CHENOPOD SCRUB ASSOCIATES. 45-760M.

Occurrence No. 1 Map Index: 31291 EO Index: 3124 Dates Last Seen

Occ Rank: Unknown Element: 1941-03-24

Origin: Natural/Native occurrence Site: 1941-03-24

Presence: Presumed Extant

Trend: Unknown Record Last Updated: 1995-05-25

Main Source: HOOVER, R. #4821 JEPS (HERB)

Quad Summary: FIREBAUGH (3612074/381C)

County Summary: FRESNO, MADERA

Lat/Long: 36.85493° / -120.45925° Township: 12S

UTM: Zone-10 N4081793 E726515 Range: 14E

Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 29 Qtr: SE

Elevation: 150 ft Symbol Type: POINT Meridian: M

Location: FIREBAUGH.

General: SITE KNOWN FROM TWO COLLECTIONS BY HOOVER; #4821 (JEPS) IN 1941 AND #2946 (UC) IN 1938.

Owner/Manager: UNKNOWN

Occurrence No. 2 Map Index: 31292 EO Index: 3123 Dates Last Seen

Occ Rank: Unknown Element: 1941-03-22

Origin: Natural/Native occurrence Site: 1941-03-22

Presence: Presumed Extant

Trend: Unknown Record Last Updated: 1995-05-25

Main Source: CRUM, E. #2116 UC (HERB)

Quad Summary: FIREBAUGH (3612074/381C)

County Summary: FRESNO

Lat/Long: 36.81119° / -120.42794° Township: 13S

UTM: Zone-10 N4077014 E729438 Range: 14E

Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 10 Qtr: SE

Elevation: 170 ft Symbol Type: POINT Meridian: M

Location: 4 MILES NORTH OF MENDOTA (BETWEEN FIREBAUGH AND MENDOTA ALONG SOUTHERN PACIFIC RAILROAD RIGHT-OF-WAY).

Ecological: GRASSY PLAIN.

General: SITE KNOWN FROM TWO COLLECTIONS; CRUM IN 1941 AND R.F. HOOVER #884 (JEPS) IN 1936.

Owner/Manager: UNKNOWN

Lepidium jaredii ssp. album

Panoche pepper-grass

Element Code: PDBRA1M0G2

Status: _____ NDDDB Element Ranks: _____ Other Lists: _____
Federal: None Global: G1T1
State: None State: S1.2 CNPS List: 1B
R-E-D Code: 3-2-3

Habitat Associations

General: VALLEY AND FOOTHILL GRASSLAND.

Micro: ALKALI BOTTOMS, SLOPES, WASHES, ALLUVIAL FANS; CLAY AND GYPSUM-RICH SOILS. 65-910M.

Occurrence No. 13 Map Index: 12977 EO Index: 35421 Dates Last Seen: _____
Occ Rank: None Element: 1988-03-20
Origin: Natural/Native occurrence Site: 1988-03-20
Presence: Extirpated
Trend: Unknown Record Last Updated: 1998-12-17
Main Source: TAYLOR, D. #9425 PVT (HERB)

Quad Summary: TUMEY HILLS (3612056/361C), CHANEY RANCH (3612065/361A), CHOUNET RANCH (3612066/361B)

County Summary: FRESNO

Lat/Long: 36.63578° / -120.64267° Township: 15S
UTM: Zone-10 N4057057 E710759 Range: 12E
Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 10 Qtr: SW
Elevation: 503 ft Symbol Type: POINT Meridian: M

Location: PLAINS AT FOOT OF PANOCH HILLS, NEAR MOUTH OF PANOCH CREEK.

Location Detail: MAPPED BETWEEN I-5 AND THE PANOCH HILLS IN THE VICINITY OF PANOCH CREEK. NOT SURE OF EXACT LOCATION.

General: THREE COLLECTIONS FROM THIS SITE; QUIBELL SN (FSC), HOOVER #4787 (DS) AND TAYLOR #9425 (PVT). RECENTLY EXTIRPATED (BIOSYSTEMS ANALYSIS, 1992).

Owner/Manager: UNKNOWN

Lepidium jaredii ssp. album

Panoche pepper-grass

Element Code: PDBRA1MOG2

Status _____ NDDB Element Ranks _____ Other Lists _____
Federal: None Global: G1T1 CNPS List: 1B
State: None State: S1.2 R-E-D Code: 3-2-3

Habitat Associations

General: VALLEY AND FOOTHILL GRASSLAND.

Micro: ALKALI BOTTOMS, SLOPES, WASHES, ALLUVIAL FANS; CLAY AND GYPSUM-RICH SOILS. 65-910M.

Occurrence No. 13 Map Index: 12977 EO Index: 35421 Dates Last Seen _____
Occ Rank: None Element: 1988-03-20
Origin: Natural/Native occurrence Site: 1988-03-20
Presence: Extirpated
Trend: Unknown Record Last Updated: 1998-12-17
Main Source: TAYLOR, D. #9425 PVT (HERB)

Quad Summary: TUMEY HILLS (3612056/361C), CHANEY RANCH (3612065/361A), CHOUNET RANCH (3612066/361B)
County Summary: FRESNO

Lat/Long: 36.63578° / -120.64267° Township: 15S
UTM: Zone-10 N4057057 E710759 Range: 12E
Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 10 Qtr: SW
Elevation: 503 ft Symbol Type: POINT Meridian: M

Location: PLAINS AT FOOT OF PANOCHIE HILLS, NEAR MOUTH OF PANOCHIE CREEK.
Location Detail: MAPPED BETWEEN I-5 AND THE PANOCHIE HILLS IN THE VICINITY OF PANOCHIE CREEK. NOT SURE OF EXACT LOCATION.
General: THREE COLLECTIONS FROM THIS SITE; QUIBELL SN (FSC), HOOVER #4787 (DS) AND TAYLOR #9425 (PVT). RECENTLY EXTIRPATED (BIOSYSTEMS ANALYSIS, 1992).
Owner/Manager: UNKNOWN

Lepidium jaredii ssp. album

Panoche pepper-grass

Element Code: PDBRA1M0G2

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G1T1

CNPS List: 1B

State: None

State: S1.2

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

Habitat Associations

General: VALLEY AND FOOTHILL GRASSLAND.

Micro: ALKALI BOTTOMS, SLOPES, WASHES, ALLUVIAL FANS; CLAY AND GYPSUM-RICH SOILS. 65-910M.

Occurrence No. 13

Map Index: 12977

EO Index: 35421

Dates Last Seen

Occ Rank: None

Element: 1988-03-20

Origin: Natural/Native occurrence

Site: 1988-03-20

Presence: Extirpated

Trend: Unknown

Record Last Updated: 1998-12-17

Main Source: TAYLOR, D. #9425 PVT (HERB)

Quad Summary: TUMEY HILLS (3612056/361C), CHANEY RANCH (3612065/361A), CHOUNET RANCH (3612066/361B)

County Summary: FRESNO

Lat/Long: 36.63578° / -120.64267°

UTM: Zone-10 N4057057 E710759

Radius: 1 mile

Elevation: 503 ft

Mapping Precision: NON-SPECIFIC

Symbol Type: POINT

Township: 15S

Range: 12E

Section: 10

Meridian: M

Qtr: SW

Location: PLAINS AT FOOT OF PANOCHE HILLS, NEAR MOUTH OF PANOCHE CREEK.

Location Detail: MAPPED BETWEEN I-5 AND THE PANOCHE HILLS IN THE VICINITY OF PANOCHE CREEK. NOT SURE OF EXACT LOCATION.

General: THREE COLLECTIONS FROM THIS SITE; QUIBELL SN (FSC), HOOVER #4787 (DS) AND TAYLOR #9425 (PVT). RECENTLY EXTIRPATED (BIOSYSTEMS ANALYSIS, 1992).

Owner/Manager: UNKNOWN

Lytta morrisoni

Morrison's blister beetle

Status _____

NDDB Element Ranks _____

Element Code: IICOL4C040

Other Lists _____

Federal: None

Global: G1G2

CDFG Status: _____

State: None

State: S1S2

Habitat Associations _____

General: INHABITANT OF THE CENTRAL VALLEY OF CALIFORNIA.

Micro: _____

Occurrence No. 5

Map Index: 12719

EO Index: 22644

Dates Last Seen _____

Occ Rank: Unknown

Element: 1978-05-21

Origin: Natural/Native occurrence

Site: 1978-05-21

Presence: Presumed Extant

Trend: Unknown

Record Last Updated: 2005-07-28

Main Source: ANDREWS, F. 1981 (PERS)

Quad Summary: TUMEY HILLS (3612056/361C)

County Summary: FRESNO, SAN BENITO

Lat/Long: 36.57495° / -120.71743°

UTM: Zone-10 N4050147 E704234

Radius: 1 mile

Elevation: 1,240 ft

Mapping Precision: NON-SPECIFIC

Symbol Type: POINT

Township: 15S

Range: 11E

Section: 36

Meridian: M

Qtr: SW

Location: 8.2 MI W I-5 ON PANOCHÉ RD.

Owner/Manager: UNKNOWN

Madia radiata

showy madia

Element Code: PDAST650E0

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

Habitat Associations

General: VALLEY AND FOOTHILL GRASSLAND, CISMONTANE WOODLAND, CHENOPOD SCRUB.

Micro: MOSTLY ON ADOBE CLAY IN GRASSLAND OR AMONG SHRUBS. 25-1125M.

| | | | |
|--|------------------|-----------------|---------------------------------|
| Occurrence No. 37 | Map Index: 51755 | EO Index: 51755 | Dates Last Seen |
| Occ Rank: Unknown | | | Element: 1995-05-18 |
| Origin: Natural/Native occurrence | | | Site: 1995-05-18 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 2003-07-11 |
| Main Source: TAYLOR, D. #14906 JEPS #100500 (HERB) | | | |

Quad Summary: MONOCLINE RIDGE (3612055/361D), TUMEY HILLS (3612056/361C)
 County Summary: FRESNO

| | |
|-----------------------------------|---------------|
| Lat/Long: 36.57513° / -120.62440° | Township: 16S |
| UTM: Zone-10 N4050368 E712559 | Range: 12E |
| Radius: 1 mile | Section: 02 |
| Elevation: 1,050 ft | Meridian: M |
| Mapping Precision: NON-SPECIFIC | Qtr: XX |
| Symbol Type: POINT | |

Location: TUMEY HILLS, ALONG TUMEY HILLS ACCESS ROAD SOUTH OF ENTRY GATE.

Location Detail: TWO COLONIES LOCATED ABOUT 3.5 & ABOUT 7.5 MILES SOUTH OF ENTRY GATE. UNABLE TO LOCATE ENTRY GATE. MAPPED IN VICINITY OF TUMEY HILLS.

Ecological: HEAD OF WEST FACING CANYONS ON STEEP, MOSTLY BARREN, WHITE GYPSEOUS CLAY SLOPES, ONE SITE ALONG PG&E NATURAL GAS PIPELINE.

General: ONLY SOURCE OF INFORMATION ARE 1993 & 1995 COLLECTIONS BY TAYLOR NEAR VICINITY OF ONE ANOTHER. NEEDS FIELDWORK.

Owner/Manager: UNKNOWN

Madia radiata

showy madia

Element Code: PDAST650E0

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

Habitat Associations

General: VALLEY AND FOOTHILL GRASSLAND, CISMONTANE WOODLAND, CHENOPOD SCRUB.
 Micro: MOSTLY ON ADOBE CLAY IN GRASSLAND OR AMONG SHRUBS. 25-1125M.

| | | | |
|---|------------------|----------------|---------------------------------|
| Occurrence No. 18 | Map Index: 24786 | EO Index: 6768 | Dates Last Seen |
| Occ Rank: Unknown | | | Element: 1941-03-19 |
| Origin: Natural/Native occurrence | | | Site: 1941-03-19 |
| Presence: Presumed Extant | | | Record Last Updated: 1993-12-01 |
| Trend: Unknown | | | |
| Main Source: HOOVER, R. #4786 JEPS #7508 (HERB) | | | |

Quad Summary: TUMEY HILLS (3612066/361C), CHOUNET RANCH (3612066/361B)
 County Summary: FRESNO

| | |
|-----------------------------------|---------------|
| Lat/Long: 36.61225° / -120.69229° | Township: 15S |
| UTM: Zone-10 N4054339 E706385 | Range: 12E |
| Radius: 1 mile | Section: 20 |
| Elevation: 650 ft | Meridian: M |
| Mapping Precision: NON-SPECIFIC | Qtr: XX |
| Symbol Type: POINT | |

Location: MOUTH OF BIG PANOCHE CANYON.

General: ONLY SOURCE OF INFORMATION FOR THIS SITE IS 1941 COLLECTION BY HOOVER. NEEDS FIELDWORK.

Owner/Manager: UNKNOWN

| | | | |
|--|------------------|-----------------|---------------------------------|
| Occurrence No. 36 | Map Index: 51754 | EO Index: 51754 | Dates Last Seen |
| Occ Rank: Unknown | | | Element: 1988-03-20 |
| Origin: Natural/Native occurrence | | | Site: 1988-03-20 |
| Presence: Presumed Extant | | | Record Last Updated: 2003-07-11 |
| Trend: Unknown | | | |
| Main Source: TAYLOR, D. #9423 JEPS #89665 (HERB) | | | |

Quad Summary: CHOUNET RANCH (3612066/361B)
 County Summary: FRESNO

| | |
|-----------------------------------|---------------|
| Lat/Long: 36.63105° / -120.65108° | Township: 15S |
| UTM: Zone-10 N4056515 E710019 | Range: 12E |
| Area: 92.5 ac | Section: 15 |
| Elevation: 510 ft | Meridian: M |
| Mapping Precision: NON-SPECIFIC | Qtr: NW |
| Symbol Type: POLYGON | |

Location: BIG PANOCHE CREEK, ABOUT 1.3 AIRMILES WEST FROM INTERSTATE 5, SAN JOAQUIN VALLEY.

Location Detail: MAPPED ALONG PANOCHE CREEK WITHIN THE NORTHERN HALF OF SECTION 15 PER T-R-S PROVIDED BY TAYLOR.

Ecological: SANDY BOTTOM OF EPHEMERAL STREAM.

General: ONLY SOURCE OF INFORMATION FOR THIS SITE IS 1988 COLLECTION BY TAYLOR. AS ALL PARTS OF PANOCHE CREEK ARE GREATER THAN 1.4 AIRMILE WEST OF I-5, SITE MAPPED ALONG CREEK. NEEDS FIELDWORK.

Owner/Manager: UNKNOWN

Madia radiata

showy madia

Status _____ NDDB Element Ranks _____ Element Code: PDAST650E0
 Federal: None Global: G2 Other Lists _____
 State: None State: S2.1 CNPS List: 1B
 R-E-D Code: 2-3-3

Habitat Associations _____

General: VALLEY AND FOOTHILL GRASSLAND, CISMONTANE WOODLAND, CHENOPOD SCRUB.
 Micro: MOSTLY ON ADOBE CLAY IN GRASSLAND OR AMONG SHRUBS. 25-1125M.

Occurrence No. 18 Map Index: 24786 EO Index: 6768 Dates Last Seen _____
 Occ Rank: Unknown Element: 1941-03-19
 Origin: Natural/Native occurrence Site: 1941-03-19
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1993-12-01
 Main Source: HOOVER, R. #4786 JEPS #7508 (HERB)

Quad Summary: TUMEY HILLS (3612056/361C), CHOUNET RANCH (3612066/361B)
 County Summary: FRESNO

Lat/Long: 36.61225° / -120.69229° Township: 15S
 UTM: Zone-10 N4054339 E706385 Range: 12E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 20 Qtr: XX
 Elevation: 650 ft Symbol Type: POINT Meridian: M

Location: MOUTH OF BIG PANOCHÉ CANYON.

General: ONLY SOURCE OF INFORMATION FOR THIS SITE IS 1941 COLLECTION BY HOOVER. NEEDS FIELDWORK.

Owner/Manager: UNKNOWN

Occurrence No. 19 Map Index: 24787 EO Index: 6767 Dates Last Seen _____
 Occ Rank: Excellent Element: 1991-05-07
 Origin: Natural/Native occurrence Site: 1991-05-07
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1996-07-31
 Main Source: TAYLOR, D. 1991 (OBS)

Quad Summary: TUMEY HILLS (3612056/361C)
 County Summary: SAN BENITO

Lat/Long: 36.50857° / -120.73420° Township: 16S
 UTM: Zone-10 N4042746 F702907 Range: 11E
 Area: 35.9 ac Mapping Precision: SPECIFIC Section: 26 Qtr: SE
 Elevation: 2,900 ft Symbol Type: POLYGON Meridian: M

Location: SOUTH END OF GRISWOLD HILLS, 2.5 KM (1.5 MI) EAST OF CEDAR FLAT.

Location Detail: WITHIN THE NW 1/4 OF THE SE 1/4 OF SECTION 26.

Ecological: GROWING ON OPEN, E-FACING SLOPE LACKING SHRUB COVER. SOILS OF GYPSUM RICH SEDIMENTARY FORMATION WITH GRAY CLAY LENS'S. ASSOCIATED WITH PHACELIA CILIATA, MONOLOPIA MAJOR, LUPINUS SUBLANATUS, GULLENIA FLAVESCENS, & ASTRAGALUS DIDYMOCARPUS.

Threat: ORV'S UTILIZE AREA ON OCCASION AND SITE IS GRAZED.

General: APPROX. 10,000 PLANTS OBSERVED OVER 100 ACRES IN 1991. PARCEL IS BEING CONSIDERED FOR LAND EXCHANGE.

Owner/Manager: BLM-HOLLISTER RA

Occurrence No. 37 Map Index: 51755 EO Index: 51755 Dates Last Seen _____
 Occ Rank: Unknown Element: 1995-05-18
 Origin: Natural/Native occurrence Site: 1995-05-18
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2003-07-11
 Main Source: TAYLOR, D. #14906 JEPS #100500 (HERB)

Quad Summary: MONOCLINE RIDGE (3612055/361D), TUMEY HILLS (3612055/361C)
 County Summary: FRESNO

Lat/Long: 36.57513° / -120.62440° Township: 16S
 UTM: Zone-10 N4050368 E712559 Range: 12E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 02 Qtr: XX
 Elevation: 1,050 ft Symbol Type: POINT Meridian: M

Location: TUMEY HILLS, ALONG TUMEY HILLS ACCESS ROAD SOUTH OF ENTRY GATE.

Location Detail: TWO COLONIES LOCATED ABOUT 3.5 & ABOUT 7.5 MILES SOUTH OF ENTRY GATE. UNABLE TO LOCATE ENTRY GATE. MAPPED IN VICINITY OF TUMEY HILLS.

Ecological: HEAD OF WEST FACING CANYONS ON STEEP, MOSTLY BARREN, WHITE GYPSEOUS CLAY SLOPES, ONE SITE ALONG PG&E NATURAL GAS PIPELINE.

General: ONLY SOURCE OF INFORMATION ARE 1993 & 1995 COLLECTIONS BY TAYLOR NEAR VICINITY OF ONE ANOTHER. NEEDS FIELDWORK.

Owner/Manager: UNKNOWN

Monolopia congdonii

San Joaquin woollythreads

Element Code: PDASTA8010

Status

NDDB Element Ranks

Other Lists

Federal: Endangered
 State: None

Global: G3
 State: S3.2

CNPS List: 1B
 R-E-D Code: 2-2-3

Habitat Associations

General: CHENOPOD SCRUB AND VALLEY AND FOOTHILL GRASSLAND.

Micro: ALKALINE OR LOAMY PLAINS; SANDY SOILS, OFTEN WITH GRASSES AND WITHIN CHENOPOD SCRUB. 60-800M.

Occurrence No. 13 Map Index: 13033 EO Index: 16495 Dates Last Seen
 Occ Rank: None Element: 1941-03-19
 Origin: Natural/Native occurrence Site: 1988-XX-XX
 Presence: Possibly Extirpated
 Trend: Unknown Record Last Updated: 1995-05-31
 Main Source: HOOVER, R. #4781 JEPS (HERB)

Quad Summary: MONOCLINE RIDGE (3612055/361D), TUMEY HILLS (3612056/361C), CHANEY RANCH (3612065/361A), CHOUNET RANCH (3612066/361B)
 County Summary: FRESNO

Lat/Long: 36.63800° / -120.63046° Township: 15S
 UTM: Zone-10 N4057330 E711844 Range: 12E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 11 Qtr: SE
 Elevation: 490 ft Symbol Type: POINT Meridian: M

Location: MOUTH OF BIG PANOCHE CANYON.

General: ACC. TO 1989 REPORT BY D. TAYLOR, NATIVE HABITATS ARE ABSENT FROM THE MOUTH OF BIG PANOCHE CREEK. HOOVER'S COLLECTION WAS MOST LIKELY FROM A SITE NOW USED FOR IRRIGATED AGRICULTURE.

Owner/Manager: PVT

Occurrence No. 60 Map Index: 31434 EO Index: 2751 Dates Last Seen
 Occ Rank: Good Element: 1994-04-23
 Origin: Natural/Native occurrence Site: 1994-04-23
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1998-05-11
 Main Source: CYPHER, E. 1993 (OBS)

Quad Summary: TUMEY HILLS (3612056/361C)
 County Summary: FRESNO

Lat/Long: 36.60388° / -120.68798° Township: 15S
 UTM: Zone-10 N4053419 E706792 Range: 12E
 Area: 22.2 ac Mapping Precision: SPECIFIC Section: 20 Qtr: SW
 Elevation: 640 ft Symbol Type: POLYGON Meridian: M

Location: SILVER CREEK RANCH; ON WEST SIDE OF SILVER CREEK SW OF ITS JUNCTION WITH PANOCHE CREEK, SOUTH OF PANOCHE HILLS.

Location Detail: PLANTS FOUND 20 PACES NNE OF CARCENITE MARKER AT SOUTHERN BOUNDARY OF PROPERTY.

Ecological: ON BANKS AND TERRACES WITH SCHISMUS, BROMUS MADRITENSIS RUBENS, VULPIA MYUROS, ATRIPLEX POLYCARPA, GUTIERREZIA, PLAGIOBOTHRYDS, AND LEPIDIUM NITIDUM. ERIASTRUM HOOVERI (ALSO RARE) NEARBY.

Threat: EXCESSIVE CATTLE GRAZING THREATENS.

General: 350 PLANTS IN 1993. FEWER THAN 50 PLANTS IN 1994 (DRY YEAR). PLANTS IN SOUTHERN-MOST PORTION OF OCCURRENCE ON PRIVATE LAND. MOST OF POPULATION FENCED BY BLM TO EXCLUDE CATTLE.

Owner/Manager: BLM, PVT

Occurrence No. 94 Map Index: 31480 EO Index: 2731 Dates Last Seen
 Occ Rank: Poor Element: 1988-04-22
 Origin: Natural/Native occurrence Site: 1988-04-22
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1995-07-14
 Main Source: TAYLOR, D. 1989 (LIT)

Quad Summary: TUMEY HILLS (3612056/361C)
 County Summary: SAN BENITO

Lat/Long: 36.58325° / -120.73880° Township: 15S
 UTM: Zone-10 N4051022 E702300 Range: 11E
 Radius: 80 meters Mapping Precision: SPECIFIC Section: 35 Qtr: NW
 Elevation: 1,240 ft Symbol Type: POINT Meridian: M

Location: N OF GRISWOLD HILLS, 2.2 MI NW OF WHERE SILVER CREEK CROSSES THE SAN BENITO-FRESNO COUNTY LINE ON TOPO.

Location Detail: PLANT FOUND ON W SIDE OF LIGHT-DUTY RD, BETWEEN ROAD AND FENCELINE.

Ecological: SANDY SOIL IN ANNUAL GRASSLAND DOMINATED BY BROMUS MADRITENSIS RUBENS AND LASTHENIA CHRYSOSTOMA.

Threat: CATTLE GRAZING THREATENS.

General: ONLY ONE PLANT SEEN IN 1988 BY TAYLOR. MORE SEARCHES NEEDED, PREFERABLY IN WETTER YEAR.

Owner/Manager: UNKNOWN

Monolopia congdonii

San Joaquin woollythreads

Element Code: PDASTA8010

Status
 Federal: Endangered
 State: None

NDDB Element Ranks
 Global: G3
 State: S3.2

Other Lists
 CNPS List: 1B
 R-E-D Code: 2-2-3

Habitat Associations

General: CHENOPOD SCRUB AND VALLEY AND FOOTHILL GRASSLAND.

Micro: ALKALINE OR LOAMY PLAINS; SANDY SOILS, OFTEN WITH GRASSES AND WITHIN CHENOPOD SCRUB. 60-800M.

Occurrence No. 13 Map Index: 13033 EO Index: 16495 Dates Last Seen
 Occ Rank: None Element: 1941-03-19
 Origin: Natural/Native occurrence Site: 1988-XX-XX
 Presence: Possibly Extirpated
 Trend: Unknown Record Last Updated: 1995-05-31
 Main Source: HOOVER, R. #4781 JEPS (HERB)

Quad Summary: MONOCLINE RIDGE (3612055/361D), TUMEY HILLS (3612056/361C), CHANEY RANCH (3612065/361A), CHOUNET RANCH (3612066/361B)
 County Summary: FRESNO

Lat/Long: 36.63800° / -120.63046° Township: 15S
 UTM: Zone-10 N4057330 E711844 Range: 12E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 11 Qtr: SE
 Elevation: 490 ft Symbol Type: POINT Meridian: M

Location: MOUTH OF BIG PANOCHE CANYON.

General: ACC. TO 1989 REPORT BY D. TAYLOR, NATIVE HABITATS ARE ABSENT FROM THE MOUTH OF BIG PANOCHE CREEK. HOOVER'S COLLECTION WAS MOST LIKELY FROM A SITE NOW USED FOR IRRIGATED AGRICULTURE.

Owner/Manager: PVT

Occurrence No. 58 Map Index: 31415 EO Index: 2753 Dates Last Seen
 Occ Rank: Good Element: 1992-04-15
 Origin: Natural/Native occurrence Site: 1992-04-15
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1995-07-10
 Main Source: COTTERILL, B. 1992 (OBS)

Quad Summary: MONOCLINE RIDGE (3612055/361D)
 County Summary: FRESNO

Lat/Long: 36.51945° / -120.54216° Township: 16S
 UTM: Zone-10 N4044375 E720077 Range: 13E
 Radius: 80 meters Mapping Precision: SPECIFIC Section: 22 Qtr: S
 Elevation: 1,700 ft Symbol Type: POINT Meridian: M

Location: MONOCLINE RIDGE, 1.75 AIRM ENE OF CIERVO HILL SUMMIT.

Location Detail: IN MIDDLE SOUTH QUARTER OF SECTION 22.

Ecological: ANNUAL GRASSLAND BORDERING DESERT DISJUNCT COMMUNITY. ON NE-FACING SLOPE IN SANDY SOIL WITH BROMUS, VULPIA, FESTUCA, POA, HORDEUM, TRIFOLIUM, AMSINCKIA, LOTUS, LUPINUS, AND ERODIUM SPP.

General: 31 PLANTS IN 1992.

Owner/Manager: BLM

Occurrence No. 59 Map Index: 31414 EO Index: 2754 Dates Last Seen
 Occ Rank: Good Element: 1991-04-18
 Origin: Natural/Native occurrence Site: 1991-04-18
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1995-10-30
 Main Source: DELGADO, B. 1991 (OBS)

Quad Summary: MONOCLINE RIDGE (3612055/361D)
 County Summary: FRESNO

Lat/Long: 36.53908° / -120.56259° Township: 16S
 UTM: Zone-10 N4046507 E718192 Range: 13E
 Radius: 80 meters Mapping Precision: SPECIFIC Section: 16 Qtr: W
 Elevation: 1,360 ft Symbol Type: POINT Meridian: M

Location: MONOCLINE RIDGE, 1.85 AIRM NNE OF CIERVO HILL SUMMIT. 0.3 MI DUE E OF SUMMIT AT 1690 FT ELEVATION IN SECTION 16.

Location Detail: JUST WEST OF CENTER OF SECTION.

Ecological: ASSOCIATED WITH PLANTAGO ERECTA, MENTZELIA SP., PECTOCARYA SP., CAMISSONIA CAMPESTRIS, ERODIUM CICUTARIUM, & MONOLEPIS LANCEOLATA.

Threat: SALSOLA IBERICA IS INVADING MUCH OF THE DUNE, BUT NOT THIS SITE, YET. STEEPNESS OF SITE PROTECTS FROM GRAZING.

General: 115 PLANTS IN 1991. BLM IS IN THE PROCESS OF PURCHASING THIS SITE.

Owner/Manager: PVT

Monolopia congdonii

San Joaquin woollythreads

Element Code: PDASTA8010

Status
 Federal: Endangered
 State: None

NDDB Element Ranks
 Global: G3
 State: S3.2

Other Lists
 CNPS List: 1B
 R-E-D Code: 2-2-3

Habitat Associations

General: CHENOPOD SCRUB AND VALLEY AND FOOTHILL GRASSLAND.

Micro: ALKALINE OR LOAMY PLAINS; SANDY SOILS, OFTEN WITH GRASSES AND WITHIN CHENOPOD SCRUB. 60-800M.

Occurrence No. 13 Map Index: 13033 EO Index: 16495 Dates Last Seen
 Occ Rank: None Origin: Natural/Native occurrence Element: 1941-03-19
 Presence: Possibly Extirpated Site: 1988-XX-XX
 Trend: Unknown Record Last Updated: 1995-05-31
 Main Source: HOOVER, R. #4781 JEPS (HERB)

Quad Summary: MONOCLINE RIDGE (3612055/361D), TUMEY HILLS (3612056/361C), CHANEY RANCH (3612065/361A), CHOUNET RANCH (3612066/361B)
 County Summary: FRESNO

Lat/Long: 36.63800° / -120.63046° Township: 15S
 UTM: Zone-10 N4057330 E711844 Range: 12E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 11 Qtr: SE
 Elevation: 490 R Symbol Type: POINT Meridian: M

Location: MOUTH OF BIG PANOCHE CANYON.

General: ACC. TO 1989 REPORT BY D. TAYLOR, NATIVE HABITATS ARE ABSENT FROM THE MOUTH OF BIG PANOCHE CREEK. HOOVER'S COLLECTION WAS MOST LIKELY FROM A SITE NOW USED FOR IRRIGATED AGRICULTURE.

Owner/Manager: PVT

Monolopia congdonii

San Joaquin woollythreads

Element Code: PDASTA8010

Status
 Federal: Endangered
 State: None

NDDB Element Ranks
 Global: G3
 State: S3.2

Other Lists
 CNPS List: 1B
 R-E-D Code: 2-2-3

Habitat Associations

General: CHENOPOD SCRUB AND VALLEY AND FOOTHILL GRASSLAND.

Micro: ALKALINE OR LOAMY PLAINS; SANDY SOILS, OFTEN WITH GRASSES AND WITHIN CHENOPOD SCRUB. 60-800M.

Occurrence No. 13 Map Index: 13033 EO Index: 16495 Dates Last Seen
 Occ Rank: None Origin: Natural/Native occurrence Element: 1941-03-19
 Presence: Possibly Extirpated Site: 1988-XX-XX
 Trend: Unknown Record Last Updated: 1995-05-31
 Main Source: HOOVER, R. #4781 JEPS (HERB)

Quad Summary: MONOCLINE RIDGE (3612055/361D), TUMEY HILLS (3612056/361C), CHANEY RANCH (3612065/361A), CHOUNET RANCH (3612066/361B)
 County Summary: FRESNO

Lat/Long: 36.63800° / -120.63046° Township: 15S
 UTM: Zone-10 N4057330 E711844 Range: 12E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 11 Qtr: SE
 Elevation: 490 ft Symbol Type: POINT Meridian: M

Location: MOUTH OF BIG PANOCHE CANYON.

General: ACC. TO 1989 REPORT BY D. TAYLOR, NATIVE HABITATS ARE ABSENT FROM THE MOUTH OF BIG PANOCHE CREEK. HOOVER'S COLLECTION WAS MOST LIKELY FROM A SITE NOW USED FOR IRRIGATED AGRICULTURE.

Owner/Manager: PVT

Monolopia congdonii

San Joaquin woollythreads

Element Code: PDASTA8010

| | | |
|---------------------|--------------------|-------------------------|
| _____ Status _____ | NDDB Element Ranks | _____ Other Lists _____ |
| Federal: Endangered | Global: G3 | CNPS List: 1B |
| State: None | State: S3.2 | R-E-D Code: 2-2-3 |

_____ Habitat Associations _____

General: CHENOPOD SCRUB AND VALLEY AND FOOTHILL GRASSLAND.

Micro: ALKALINE OR LOAMY PLAINS; SANDY SOILS, OFTEN WITH GRASSES AND WITHIN CHENOPOD SCRUB. 60-800M.

| | | | |
|--|------------------|-----------------|---------------------------------|
| Occurrence No. 11 | Map Index: 13527 | EO Index: 16493 | _____ Dates Last Seen _____ |
| Occ Rank: None | | | Element: 1935-04-02 |
| Origin: Natural/Native occurrence | | | Site: 1988-XX-XX |
| Presence: Possibly Extirpated | | | |
| Trend: Unknown | | | Record Last Updated: 1995-05-31 |
| Main Source: JEPSON, W. #16987 JEPS (HERB) | | | |

Quad Summary: TRANQUILLITY (3612063/360A), COIT RANCH (3612064/360B)
 County Summary: FRESNO

| | |
|-----------------------------------|---------------|
| Lat/Long: 36.66383° / -120.38906° | Township: 14S |
| UTM: Zone-10 N4060757 E733353 | Range: 14E |
| Radius: 1 mile | Section: 36 |
| Elevation: 190 ft | Meridian: M |
| Mapping Precision: NON-SPECIFIC | Qtr: SE |
| Symbol Type: POINT | |

Location: MENDOTA PLAIN, 6 MI S OF MENDOTA.

General: ACCORDING TO 1989 REPORT BY D. TAYLOR, LITTLE NATIVE HABITAT REMAINS ON THE FLOOR OF THE SAN JOAQUIN VALLEY S OF MENDOTA. MUCH OF THE AREA CONVERTED TO IRRIGATED AGRICULTURE.

Owner/Manager: PVT

Monolopia congdonii

San Joaquin woollythreads

Element Code: PDASTA8010

| | | |
|---------------------|--------------------------|-------------------|
| _____ Status _____ | NDDB Element Ranks _____ | Other Lists _____ |
| Federal: Endangered | Global: G3 | CNPS List: 1B |
| State: None | State: S3.2 | R-E-D Code: 2-2-3 |

_____ Habitat Associations _____

General: CHENOPOD SCRUB AND VALLEY AND FOOTHILL GRASSLAND.

Micro: ALKALINE OR LOAMY PLAINS; SANDY SOILS, OFTEN WITH GRASSES AND WITHIN CHENOPOD SCRUB. 60-800M.

| | | | |
|---|------------------|----------------|---------------------------------|
| Occurrence No. 9 | Map Index: 13523 | EO Index: 3108 | _____ Dates Last Seen _____ |
| Occ Rank: None | | | Element: 1940-03-22 |
| Origin: Natural/Native occurrence | | | Site: 1988-XX-XX |
| Presence: Possibly Extirpated | | | |
| Trend: Unknown | | | Record Last Updated: 1995-05-31 |
| Main Source: HOOVER, R. #4240 JEPS (HERB) | | | |

Quad Summary: CANTUA CREEK (3612053/360D), LEVIS (3612054/360C)

County Summary: FRESNO

| | |
|-----------------------------------|---------------|
| Lat/Long: 36.51689° / -120.38822° | Township: 16S |
| UTM: Zone-10 N4044455 E733871 | Range: 15E |
| Radius: 1 mile | Section: 19 |
| Elevation: 380 R | Meridian: M |
| Mapping Precision: NON-SPECIFIC | Qtr: SW |
| Symbol Type: POINT | |

Location: 17 Mi S OF MENDOTA, ALONG HWY 33.

General: ACCORDING TO 1989 REPORT BY TAYLOR, NO NATIVE HABITAT REMAINS IN THE REGION OF THIS COLLECTION.

Owner/Manager: PVT

Monvero Residual Dunes

Element Code: CTT23300CA

| | | |
|--------------------|--------------------|-------------------------|
| _____ Status _____ | NDDB Element Ranks | _____ Other Lists _____ |
| Federal: None | Global: G1 | |
| State: None | State: S1.2 | |

_____ Habitat Associations _____

General:
 Micro:

| | | | |
|--------------------------------------|------------------|-----------------|---------------------------------|
| Occurrence No. 1 | Map Index: 13176 | EO Index: 16395 | _____ Dates Last Seen _____ |
| Occ Rank: Unknown | | | Element: 1986-04-10 |
| Origin: Natural/Native occurrence | | | Site: 1986-04-10 |
| Presence: Presumed Extant | | | |
| Trend: Unknown | | | Record Last Updated: 1998-07-13 |
| Main Source: HOLLAND, R. 1986 (PERS) | | | |

Quad Summary: CIERVO MTN. (3612045/339A), MONOCLINE RIDGE (3612055/361D)
 County Summary: FRESNO

| | |
|-----------------------------------|---------------------|
| Lat/Long: 36.52495° / -120.55001° | Township: 16S |
| UTM: Zone-10 N4044967 E719358 | Range: 13E |
| Area: 872.1 ac | Section: 16 Qtr: XX |
| Elevation: 1,743 ft | Meridian: M |
| Mapping Precision: SPECIFIC | |
| Symbol Type: POLYGON | |

Location: MONOCLINE RIDGE APPROX 2-3 MI W OF I-5, S OF TUMEY GULCH, N OF ARROYO CIERVO.

Ecological: 9 SANDY RIDGETOPS W/IN MAPPED AREA: FRINGED BY EPHEDRA CALIFORNICA AND JUNIPERUS CALIFORNICUS, W/ SEVERAL PERENNIAL GRASSES AND NATIVE FORBS DISJUNCT TO AREA FROM MOJAVE & COLORADO DESERTS, INCL. ORYZOPSIS HYMENOIDES & STIPA SPECIOSA.

Threat: SHEEP GRAZE. MUCH OF AREA BURNED IN VAST 1979 FIRE.

General: RARE DUNE BEETLES HERE. PARTS OF AREA IN BLM PALEONTOLOGICAL ACEC: EARLY TERTIARY CAMELS. MORE PRECISE MAP DETAIL IN BAR88M01 HOUSED IN ELEMENT FILE 23300. THIS WAS OCC #001 OF CTT23300CA.

Owner/Manager: BLM-HOLLISTER RA, PVT

Onychomys torridus tularensis

Tulare grasshopper mouse

Element Code: AMAFF06021

_____ Status _____ NDDB Element Ranks _____ Other Lists _____
 Federal: None Global: G5T1T2 CDFG Status: SC
 State: None State: S1S2

_____ Habitat Associations _____

General: HOT, ARID VALLEYS AND SCRUB DESERTS IN THE SOUTHERN SAN JOAQUIN VALLEY.
 Micro: DIET ALMOST EXCLUSIVELY COMPOSED OF ARTHROPODS, THEREFORE NEEDS ABUNDANT SUPPLY OF INSECTS.

Occurrence No. 1 Map Index: 12936 EO Index: 23823 _____ Dates Last Seen _____
 Occ Rank: Unknown Element: 1932-02-19
 Origin: Natural/Native occurrence Site: 1932-02-19
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2004-12-13
 Main Source: MANIS 2004 (MUS)

Quad Summary: TUMEY HILLS (3612056/361C), CHOUNET RANCH (3612066/361B)
 County Summary: FRESNO

Lat/Long: 36.62328° / -120.65200° Township: 15N
 UTM: Zone-10 N4055650 E709959 Range: 12E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 15 Qtr: SW
 Elevation: 600 ft Symbol Type: POINT Meridian: M

Location: PANOCHE CREEK, 1 MI SW BM 502.
 General: 1 FEMALE SPECIMEN COLLECTED 19 FEB 1932 BY J. GRINNELL AT "PANOCHE CREEK, 1 MI SW B.M. 502." DEPOSITED AT MVZ #51511.
 Owner/Manager: UNKNOWN

Occurrence No. 7 Map Index: 12803 EO Index: 23827 _____ Dates Last Seen _____
 Occ Rank: Unknown Element: 1955-03-10
 Origin: Natural/Native occurrence Site: 1955-03-10
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1989-08-10
 Main Source: BENSON, S. 1955 (MUS)

Quad Summary: TUMEY HILLS (3612056/361C)
 County Summary: FRESNO

Lat/Long: _____ Township: _____
 UTM: _____ Range: _____
 Radius: _____ Mapping Precision: _____ Section: _____ Qtr: _____
 Elevation: _____ Symbol Type: _____ Meridian: _____

Location: NEAR JCT PANOCHE & SILVER CREEKS.
 General: MVZ #119666.
 Owner/Manager: UNKNOWN

Occurrence No. 9 Map Index: 12691 EO Index: 23821 _____ Dates Last Seen _____
 Occ Rank: Unknown Element: 1955-03-11
 Origin: Natural/Native occurrence Site: 1955-03-11
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2004-12-13
 Main Source: MANIS 2004 (MUS)

Quad Summary: TUMEY HILLS (3612056/361C), PANOCHE (3612057/362D)
 County Summary: FRESNO, SAN BENITO

Lat/Long: 36.59717° / -120.73323° Township: 15S
 UTM: Zone-10 N4052578 E702762 Range: 11E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 26 Qtr: XX
 Elevation: 1,400 ft Symbol Type: POINT Meridian: M

Location: 6 MI E PANOCHE.
 General: 2 M-6 JUL 1936 AT "6 MI E PANOCHE," MVZ #72813&72814. 1 F-4 MAR 1943 AT "PANOCHE PASS, 11 MILES EAST OF LLANDA," MVZ #100707. 1 F-11 MAR 1955 AT "5 MI E PANOCHE," MVZ # 119667. 2 M-15 OCT 1949 AT "LLANADO, 11 MI E OF," KU #34541&34542.
 Owner/Manager: UNKNOWN

Onychomys torridus tularensis

Tulare grasshopper mouse

Element Code: AMAFF06021

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G5T1T2

CDFG Status: SC

State: None

State: S1S2

Habitat Associations

General: HOT, ARID VALLEYS AND SCRUB DESERTS IN THE SOUTHERN SAN JOAQUIN VALLEY.

Micro: DIET ALMOST EXCLUSIVELY COMPOSED OF ARTHROPODS, THEREFORE NEEDS ABUNDANT SUPPLY OF INSECTS.

Occurrence No. 1 Map Index: 12936 EO Index: 23823 Dates Last Seen

Occ Rank: Unknown Element: 1932-02-19

Origin: Natural/Native occurrence Site: 1932-02-19

Presence: Presumed Extant

Trend: Unknown Record Last Updated: 2004-12-13

Main Source: MANIS 2004 (MUS)

Quad Summary: TUMEY HILLS (3612056/361C), CHOUNET RANCH (3612066/361B)

County Summary: FRESNO

Lat/Long: 36.62328° / -120.65200° Township: 15N

UTM: Zone-10 N4055650 E709959 Range: 12E

Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 15 Qtr: SW

Elevation: 600 ft Symbol Type: POINT Meridian: M

Location: PANOCHE CREEK, 1 MI SW BM 502.

General: 1 FEMALE SPECIMEN COLLECTED 19 FEB 1932 BY J. GRINNELL AT "PANOCHE CREEK, 1 MI SW B.M. 502." DEPOSITED AT MVZ #51511.

Owner/Manager: UNKNOWN

Occurrence No. 8 Map Index: 12987 EO Index: 23818 Dates Last Seen

Occ Rank: Unknown Element: 1918-07-03

Origin: Natural/Native occurrence Site: 1918-07-03

Presence: Presumed Extant

Trend: Unknown Record Last Updated: 1989-08-10

Main Source: HUNT, R. 1918 (MUS)

Quad Summary: CHOUNET RANCH (3612066/361B)

County Summary: FRESNO

Lat/Long: 36.63356° / -120.64073° Township: 15S

UTM: Zone-10 N4056815 E710938 Range: 12E

Radius: 1/5 mile Mapping Precision: NON-SPECIFIC Section: 15 Qtr: NE

Elevation: 502 ft Symbol Type: POINT Meridian: M

Location: PANOCHE CREEK, HAYES STATION, 8M 503; 19 MI SW MENDOTA.

General: MVZ #28084.

Owner/Manager: UNKNOWN

Occurrence No. 32 Map Index: 58522 EO Index: 58558 Dates Last Seen

Occ Rank: Unknown Element: 1918-07-03

Origin: Natural/Native occurrence Site: 1918-07-03

Presence: Presumed Extant

Trend: Unknown Record Last Updated: 2004-12-13

Main Source: MANIS 2004 (MUS)

Quad Summary: CHANEY RANCH (3612065/361A), CHOUNET RANCH (3612066/361B)

County Summary: FRESNO

Lat/Long: 36.67592° / -120.61149° Township: 14S

UTM: Zone-10 N4061580 E713435 Range: 12E

Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 36 Qtr: XX

Elevation: 400 ft Symbol Type: POINT Meridian: M

Location: PANOCHE CREEK, ABOUT 1.75 MILES NORTHEAST OF INTERSTATE 5 AND 2 MILES NORTHWEST OF CHANEY RANCH.

Location Detail: MAPPED AT THE LAT-LONG GIVEN BY MANIS. LOCATION UNCERTAINTY GIVEN AS 7644.384 M (4.75 MILES)

General: 3 SPECIMENS COLLECTED (2 MALE AND 1 FEMALE) 1-3 JUL 1918 BY R. HUNT AT "PANOCHE CREEK [HAYES STATION], B.M. 503, 19 MI SW MENDOTA." DEPOSITED AT MVZ # 28082-28084.

Owner/Manager: UNKNOWN

Onychomys torridus tularensis

Tulare grasshopper mouse

Element Code: AMAFF06021

Status

NDDDB Element Ranks

Other Lists

Federal: None

Global: G5T1T2

CDFG Status: SC

State: None

State: S1S2

Habitat Associations

General: HOT, ARID VALLEYS AND SCRUB DESERTS IN THE SOUTHERN SAN JOAQUIN VALLEY.

Micro: DIET ALMOST EXCLUSIVELY COMPOSED OF ARTHROPODS, THEREFORE NEEDS ABUNDANT SUPPLY OF INSECTS.

Occurrence No. 32 Map Index: 58522 EO Index: 58558 Dates Last Seen

Occ Rank: Unknown Element: 1918-07-03

Origin: Natural/Native occurrence Site: 1918-07-03

Presence: Presumed Extant

Trend: Unknown Record Last Updated: 2004-12-13

Main Source: MANIS 2004 (MJS)

Quad Summary: CHANEY RANCH (3612065/361A), CHOUNET RANCH (3612066/361B)

County Summary: FRESNO

Lat/Long: 36.67592° / -120.61149° Township: 14S

UTM: Zone-10 N4061580 E713435 Range: 12E

Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 36 Qtr: XX

Elevation: 400 ft Symbol Type: POINT Meridian: M

Location: PANOCHE CREEK, ABOUT 1.75 MILES NORTHEAST OF INTERSTATE 5 AND 2 MILES NORTHWEST OF CHANEY RANCH.

Location Detail: MAPPED AT THE LAT-LONG GIVEN BY MANIS. LOCATION UNCERTAINTY GIVEN AS 7644.384 M (4.75 MILES)

General: 3 SPECIMENS COLLECTED (2 MALE AND 1 FEMALE) 1-3 JUL 1918 BY R. HUNT AT "PANOCHE CREEK ["HAYES STATION"], B.M. 503, 19 MI SW MENDOTA." DEPOSITED AT MVZ # 28082-28084.

Owner/Manager: UNKNOWN

Perognathus inornatus inornatus

San Joaquin pocket mouse

Element Code: AMAFD01061

Status _____ NDDB Element Ranks _____ Other Lists _____
Federal: None Global: G4T2T3
State: None State: S253 CDFG Status: _____

Habitat Associations

General: TYPICALLY FOUND IN GRASSLANDS AND BLUE OAK SAVANNAS.
Micro: NEEDS FRIABLE SOILS.

Occurrence No. 34 Map Index: 13541 EO Index: 23931 Dates Last Seen _____
Occ Rank: Unknown Element: 1918-06-18
Origin: Natural/Native occurrence Site: 1918-06-18
Presence: Presumed Extant
Trend: Unknown Record Last Updated: 1995-04-25
Main Source: WHITE, H. 1918 (MUS)

Quad Summary: MENDOTA DAM (3612073/381D), FIREBAUGH (3612074/381C)
County Summary: FRESNO, MADERA

Lat/Long: 36.77688° / -120.38128° Township: 13S
UTM: Zone-10 N4073320 E733705 Range: 14E
Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 30 Qtr: XX
Elevation: Symbol Type: POINT Meridian: M

Location: 1.5 MILES NORTH OF MENDOTA.

General: MVZ #28364.
Owner/Manager: UNKNOWN

Perognathus inornatus inornatus

San Joaquin pocket mouse

Status

NDDB Element Ranks

Element Code: AMAFD01061

Other Lists

Federal: None

Global: G4T2T3

CDFG Status:

State: None

State: S2S3

Habitat Associations

General: TYPICALLY FOUND IN GRASSLANDS AND BLUE OAK SAVANNAS.

Micro: NEEDS FRIABLE SOILS.

Occurrence No. 31

Map Index: 12801

EO Index: 23932

Dates Last Seen

Occ Rank: Unknown

Element: 1955-03-10

Origin: Natural/Native occurrence

Site: 1955-03-10

Presence: Presumed Extant

Trend: Unknown

Record Last Updated: 1989-08-10

Main Source: BENSON & HANN 1955 (MUS)

Quad Summary: TUMEY HILLS (3612056/361C)

County Summary: FRESNO

Lat/Long: 36.60756° / -120.68573°

UTM: Zone-10 N4053832 E706984

Radius: 1 mile

Elevation: 640 ft

Township: 15S

Range: 12E

Section: 20

Meridian: M

Qtr: SW

Mapping Precision: NON-SPECIFIC

Symbol Type: POINT

Location: NR JCT PANOCHE & SILVER CREEKS.

General: MVZ #119574.

Owner/Manager: UNKNOWN

Phrynosoma coronatum (frontale)

Coast (California) horned lizard

Element Code: ARACF12022

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G4T3T4

CDFG Status: SC

State: None

State: S3S4

Habitat Associations

General: FREQUENTS A WIDE VARIETY OF HABITATS, MOST COMMON IN LOWLANDS ALONG SANDY WASHES WITH SCATTERED LOW BUSHES.

Micro: OPEN AREAS FOR SUNNING, BUSHES FOR COVER, PATCHES OF LOOSE SOIL FOR BURIAL, & ABUNDANT SUPPLY OF ANTS & OTHER INSECTS.

Occurrence No. 16 Map Index: 39856 EO Index: 34858 Dates Last Seen
 Occ Rank: Excellent Element: 1992-03-28
 Origin: Natural/Native occurrence Site: 1992-03-28
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1998-09-29
 Main Source: ELY, E. 1992 (OBS)

Quad Summary: MONOCLINE RIDGE (3612055/361D)

County Summary: FRESNO

Lat/Long: 36.53829° / -120.56565° Township: 16S
 UTM: Zone-10 N4046412 E717920 Range: 13E
 Area: 9.5 ac Mapping Precision: SPECIFIC Section: 16 Qtr: SW
 Elevation: 1,520 ft Symbol Type: POLYGON Meridian: M

Location: CIERVO RANCH, MONOCLINE RIDGE, 2.9 MILES SSW OF WHERE HUDSON AVE CROSSES I-5.

Threat: GRAZING.

General: 1 ADULT, 1 JUVENILE AND 2 SUBADULTS, 1992 (UNCLEAR WHAT INDIVIDUALS WERE SEEN IN THIS LOCATION OR IN THE LOCATION IN OCC #17).

Owner/Manager: PVT

Occurrence No. 17 Map Index: 39857 EO Index: 34859 Dates Last Seen
 Occ Rank: Excellent Element: 1992-03-28
 Origin: Natural/Native occurrence Site: 1992-03-28
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1998-09-29
 Main Source: ELY, E. 1992 (OBS)

Quad Summary: MONOCLINE RIDGE (3612055/361D)

County Summary: FRESNO

Lat/Long: 36.53438° / -120.55885° Township: 16S
 UTM: Zone-10 N4045994 E718539 Range: 13E
 Radius: 80 meters Mapping Precision: SPECIFIC Section: 16 Qtr: SE
 Elevation: 1,500 ft Symbol Type: POINT Meridian: M

Location: CIERVO RANCH, MONOCLINE RIDGE, 3.1 MILES S TO SSW OF WHERE HUDSON AVE CROSSES I-5.

Threat: GRAZING.

General: 1 ADULT, 1 JUVENILE AND 2 SUBADULTS, 1992 (UNCLEAR WHAT INDIVIDUALS WERE SEEN IN THIS LOCATION OR IN THE LOCATION IN OCC #16).

Owner/Manager: PVT

Sagittaria sanfordii

Sanford's arrowhead

Element Code: PMALI040Q0

Status

NDDDB Element Ranks

Other Lists

Federal: None

Global: G3

CNPS List: 1B

State: None

State: S3.2

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

Habitat Associations

General: MARSHES AND SWAMPS.

Micro: IN STANDING OR SLOW-MOVING FRESHWATER PONDS, MARSHES, AND DITCHES. 0-610M.

Occurrence No. 12

Map Index: 24433

EO Index: 7073

Dates Last Seen

Occ Rank: Unknown

Element: 1948-08-10

Origin: Natural/Native occurrence

Site: 1980-XX-XX

Presence: Presumed Extant

Trend: Unknown

Record Last Updated: 1993-10-27

Main Source: HOWARD, A. 1980 (PERS)

Quad Summary: MENDOTA DAM (3612073/381D), FIREBAUGH (3612074/381C)

County Summary: FRESNO, MADERA

Lat/Long: 36.78294° / -120.37020°

UTM: Zone-10 N4074019 E734676

Radius: 2/5 mile

Elevation: 160 ft

Mapping Precision: NON-SPECIFIC

Symbol Type: POINT

Township: 13S

Range: 15E

Section: 19

Meridian: M

Qtr: E

Location: MENDOTA POOL AT ENTRANCE OF FIREBAUGH CANAL.

Location Detail: FIREBAUGH CANAL MAY BE LOCAL NAME FOR ONE OF SEVERAL CANALS WHICH ENTER MENDOTA POOL.

General: AREA SEARCHED BY C.E. TURNER IN 1980 BUT NO PLANTS WERE FOUND. SITE KNOWN FROM SINGLE COLLECTION BY H.L. MASON AND S.G. SMITH IN 1948 (#8318 UC).

Owner/Manager: UNKNOWN

Taxidea taxus

American badger

Status

Element Code: AMAJF04010

Federal: None

NDDB Element Ranks

Other Lists

State: None

Global: G5

CDFG Status: SC

State: S4

Habitat Associations

General: MOST ABUNDANT IN DRIER OPEN STAGES OF MOST SHRUB, FOREST, AND HERBACEOUS HABITATS, WITH FRIABLE SOILS.

Micro: NEED SUFFICIENT FOOD, FRIABLE SOILS & OPEN, UNCULTIVATED GROUND. PREY ON BURROWING RODENTS. DIG BURROWS.

Occurrence No. 137

Map Index: 56798

EO Index: 56814

Dates Last Seen

Occ Rank: Unknown

Element: 1958-01-28

Origin: Natural/Native occurrence

Site: 1958-01-28

Presence: Presumed Extant

Trend: Unknown

Record Last Updated: 2004-09-15

Main Source: MVZ 2004 (MUS)

Quad Summary: TUMEY HILLS (3612056/361C), CHOUNET RANCH (3612066/361B)

County Summary: FRESNO

Lat/Long: 36.62958° / -120.65852°

UTM: Zone-10 N4056335 E709357

Radius: 1 mile

Elevation: 550 ft

Mapping Precision: NON-SPECIFIC
 Symbol Type: POINT

Township: 15S

Range: 12E

Section: 16

Meridian: M

Qtr: XX

Location: PANOCHE CREEK, APPROXIMATELY 2 MILES WEST OF INTERSTATE 5.

Location Detail: LOCATION MAPPED ALONG PANOCHE CREEK AT GIVEN ELEVATION OF 550 FT.

General: MVZ #128120, COLLECTED ON 28 JAN 1958.

Owner/Manager: UNKNOWN

Taxidea taxus

American badger

Status _____ Element Code: AMAJF04010
 Federal: None NDDB Element Ranks Global: G5 Other Lists _____
 State: None State: S4 CDFG Status: SC

Habitat Associations

General: MOST ABUNDANT IN DRIER OPEN STAGES OF MOST SHRUB, FOREST, AND HERBACEOUS HABITATS, WITH FRIABLE SOILS.
 Micro: NEED SUFFICIENT FOOD, FRIABLE SOILS & OPEN, UNCULTIVATED GROUND. PREY ON BURROWING RODENTS. DIG BURROWS.

Occurrence No. 137 Map Index: 56798 EO Index: 56814 Dates Last Seen _____
 Occ Rank: Unknown Element: 1958-01-28
 Origin: Natural/Native occurrence Site: 1958-01-28
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2004-09-15
 Main Source: MVZ 2004 (MUS)

Quad Summary: TUMEY HILLS (3612056/361C), CHOUNET RANCH (3612066/361B)
 County Summary: FRESNO

Lat/Long: 36.62958° / -120.65852° Township: 15S
 UTM: Zone-10 N4056335 E709357 Range: 12E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 16 Qtr: XX
 Elevation: 550 ft Symbol Type: POINT Meridian: M

Location: PANOUCHE CREEK, APPROXIMATELY 2 MILES WEST OF INTERSTATE 5.
 Location Detail: LOCATION MAPPED ALONG PANOUCHE CREEK AT GIVEN ELEVATION OF 550 FT.
 General: MVZ #128120, COLLECTED ON 28 JAN 1958.
 Owner/Manager: UNKNOWN

Thamnophis gigas

giant garter snake

Element Code: ARADB36150

Status
 Federal: Threatened
 State: Threatened

NDDB Element Ranks
 Global: G2G3
 State: S2S3

Other Lists
 CDFG Status:

Habitat Associations

General: PREFERS FRESHWATER MARSH AND LOW GRADIENT STREAMS. HAS ADAPTED TO DRAINAGE CANALS & IRRIGATION DITCHES.
 Micro: THIS IS THE MOST AQUATIC OF THE GARTER SNAKES IN CALIFORNIA.

Occurrence No. 5 Map Index: 13564 EO Index: 27605 Dates Last Seen
 Occ Rank: Unknown Origin: Natural/Native occurrence Element: 1974-10-30
 Presence: Presumed Extant Site: 1974-10-30
 Trend: Unknown Record Last Updated: 1991-04-16
 Main Source: BRODE, J. 1980 (PERS)

Quad Summary: TRANQUILLITY (3612063/360A), COIT RANCH (3612064/360B), MENDOTA DAM (3612073/381D), FIREBAUGH (3612074/381C)
 County Summary: FRESNO

Lat/Long: 36.74737° / -120.36830° Township: 14S
 UTM: Zone-10 N4070077 E734954 Range: 16E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 05 Qtr: NW
 Elevation: 163 ft Symbol Type: POINT Meridian: M

Location: 0.2 TO 0.5 MI SE OF MENDOTA & N OF RR TRACKS.

General: BRODE, J. FIELD #159 (MUS) 9/30/72 AND DUNN, L. #F6756 (MUS).

Owner/Manager: UNKNOWN

Valley Sacaton Grassland

Element Code: CTT42120CA

Status
 Federal: None
 State: None

NDDB Element Ranks
 Global: G1
 State: S1.1

Other Lists

Habitat Associations
 General:
 Micro:

Occurrence No. 7 Map Index: 13673 EO Index: 16273 Dates Last Seen
 Occ Rank: Fair Origin: Natural/Native occurrence Element: 1985-03-17
 Presence: Presumed Extant Site: 1985-03-17
 Trend: Unknown Record Last Updated: 1998-07-14
 Main Source: GRIGGS, T. 1980 (OBS)

Quad Summary: MENDOTA DAM (3612073/381D), FIREBAUGH (3612074/381C), FIREBAUGH NE (3612083/381A), POSO FARM (3612084/381B)
 County Summary: MADERA

Lat/Long: 36.89120° / -120.37281° Township: 12S
 UTM: Zone-10 N4086026 E734112 Range: 15E
 Area: 5,562.1 ac Mapping Precision: SPECIFIC Section: 15 Qtr: S
 Elevation: 160 ft Symbol Type: POLYGON Meridian: M

Location: NORTH AND WEST OF AVENUE 12, EAST OF FIREBAUGH, N OF NEW COLUMBIA RANCH.

Ecological: GRAZED GRASSLAND W/ SCALDS & VERNAL POOLS. MOSTLY ANNUALS BUT SCATTERED SPOROBOLUS STILL PRESENT. SUAEDA ALSO PRESENT. BROMUS MADRITENSIS SSP. RUBENS, ERODIUM SP, LASTHENIA SP DOM.

Threat: SITE DITURBED BY GRAZING. VERY HEAVY GRAZING IN SECS 6, 7, 18 (T12S, R15E).

General: THIS WAS OCC #007 OF CTT42120CA.

Owner/Manager: PVT

Vulpes macrotis nutica

San Joaquin kit fox

Status
Federal: Endangered
State: Threatened

NDDB Element Ranks
Global: G4T2T3
State: S2S3

Element Code: AMAJA03041

Other Lists
CDFG Status:

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. 83 Map Index: 53805 EO Index: 53805 Dates Last Seen
Occ Rank: Poor Element: 1997-05-20
Origin: Natural/Native occurrence Site: 1997-05-20
Presence: Presumed Extant
Trend: Unknown Record Last Updated: 2004-01-06
Main Source: PATERSON, L. 1997 (OBS)

Quad Summary: LEVIS (3612054/360C)
County Summary: FRESNO

Lat/Long: 36.53802° / -120.39799° Township: 16S
UTM: Zone-10 N4046776 E732933 Range: 14E
Radius: 1/10 mile Section: 13 Qtr: NW
Elevation: 340 ft Mapping Precision: NON-SPECIFIC Meridian: M
Symbol Type: POINT

Location: CA AQUEDUCT MILE POST 124.9, ABOUT 0.3 MI W OF DERRICK AVE & 4.25 MI NE OF I-5, S OF MOUNTAIN VIEW AVE & N OF KAMM AVE,
Location Detail: OBSERVED 350-400 FT. W OF EMBANKMENT, IN A DRY GRAIN FIELD IN THE TRACK LEFT BY A TRACTOR DRIVING THROUGH THE FIELD.
ADJACENT TO CALIFORNIA AQUEDUCT RIGHT OF WAY.
Ecological: SURROUNDING AREA VEGETATED BY DENSE ATRIPLEX SCRUB AND MESQUITE SCRUB AND SOME AREAS DOMINATED BY ANNUAL GRASSES.
Threat: AGRICULTURE, HUMAN ACTIVITY
General: 5/20/1997: ONE ADULT OBSERVED FORAGING DURING DWR SPOT-LIGHT SURVEY.
Owner/Manager: PVT

Vulpes macrotis mutica

San Joaquin kit fox

Element Code: AMAJA03041

Status
 Federal: Endangered
 State: Threatened

NDDB Element Ranks
 Global: G4T2T3
 State: S2S3

Other Lists
 CDFG Status:

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. 12 Map Index: 23598 EO Index: 12106 Dates Last Seen
 Occ Rank: Unknown Element: 1999-09-01
 Origin: Natural/Native occurrence Site: 1999-09-01
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1999-10-13
 Main Source: DEPT. OF FISH & GAME 1988 (LIT)

Quad Summary: TRES PECOS FARMS (3612043/338A), LILLIS RANCH (3612044/338B), CIERVO MTN. (3612045/339A), IDRIA (3612046/339B), HERNANDEZ RESERVOIR (3612047/340A), LEVIS (3612054/360C), MONOCLINE RIDGE (3612055/361D), TUMEY HILLS (3612056/361C), PANOCHE (3612057/362D), LLANADA (3612058/362C), CHANEY RANCH (3612065/361A), CHOUNET RANCH (3612066/361B), MERCY HOT SPRINGS (3612067/362A), CERRO COLORADO (3612068/362B), HAMMONDS RANCH (3612076/382C), LAGUNA SECA RANCH (3612077/383D), ORTIGALITA PEAK (3612078/383C), CHARLESTON SCHOOL (3612087/383A), ORTIGALITA PEAK NW (3612088/383B), LOS BANOS VALLEY (3612181/384A), VOLTA (3712018/403C), SAN LUIS DAM (3712111/404D)

County Summary: FRESNO, MERCED, SAN BENITO

Lat/Long: 36.71434° / -120.72006° Township: 14S
 UTM: Zone-10 N4065606 E703631 Range: 12E
 Area: 325,824.0 ac Mapping Precision: NON-SPECIFIC Section: 13 Qtr: XX
 Elevation: 550 ft Symbol Type: POLYGON Meridian: M

Location: WESTERN SAN JOAQUIN VALLEY NEAR MENDOTA; NORTH TO HIGHWAY 58 AND SOUTH TO FIVE POINTS.

Location Detail: DISTRIBUTION PATTERN WITHIN THE AREA IS UNKNOWN. NUMEROUS SIGHTINGS HAVE BEEN REPORTED BETWEEN 1975 AND 1988.

Ecological: IN THE AREA PROPOSED FOR THE LOS BANOS GRANDES RESERVOIR HABITATS RANGED FROM ANNUAL GRASSLAND TO OAK SAVANNA TO GRASSLAND/RIPARIAN EDGE HABITATS.

Threat: DEVELOPMENT, GRAZING, AGRICULTURE, INUNDATION FROM LOS BANOS GRANDES, AND PREDATION FROM COYOTES AND RED FOX.

General: A LARGE BODY OF INFORMATION FOR THIS OCCURRENCE IS STORED IN VULPES MACRTOIS MUTICA ELEMENT FILE.

Owner/Manager: UNKNOWN

Occurrence No. 90 Map Index: 53874 EO Index: 53874 Dates Last Seen
 Occ Rank: Unknown Element: 1989-06-20
 Origin: Natural/Native occurrence Site: 1989-06-20
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2004-01-09
 Main Source: WILLIAMS, D. 1989 (OBS)

Quad Summary: TUMEY HILLS (3612056/361C)

County Summary: FRESNO

Lat/Long: 36.81089° / -120.69802° Township: 15S
 UTM: Zone-10 N4054175 E705875 Range: 12E
 Radius: 1/5 mile Mapping Precision: NON-SPECIFIC Section: 19 Qtr: NE
 Elevation: 640 ft Symbol Type: POINT Meridian: M

Location: PANOCHE CREEK, ABOUT 4.5 MILES WSW OF INTERSECTION OF I-5 AND PANOCHE ROAD.

Ecological: DIPODOMYS INGENS SEEN IN THE AREA, HABITAT AT THE SITE IS AN ATRIPLEX SHRUBLAND AND ANNUAL GRASSLAND ECOTONE.

Threat: CURRENT USE IS GRAZING

General: 6/20/1989: ONE ANIMAL OBSERVED.

Owner/Manager: UNKNOWN

Vulpes macrotis mutica

San Joaquin kit fox

Status
 Federal: Endangered
 State: Threatened

NDDB Element Ranks
 Global: G4T2T3
 State: S2S3

Element Code: AMAJA03041

Other Lists
 CDFG Status:

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. 12 Map Index: 23598 EO Index: 12106 Dates Last Seen
 Occ Rank: Unknown Element: 1999-09-01
 Origin: Natural/Native occurrence Site: 1999-09-01
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1999-10-13
 Main Source: DEPT. OF FISH & GAME 1988 (LIT)

Quad Summary: TRES PECOS FARMS (3612043/338A), LILLIS RANCH (3612044/338B), CIERVO MTN. (3612045/339A), IDRIA (3612046/339B), HERNANDEZ RESERVOIR (3612047/340A), LEVIS (3612054/360C), MONOCLINE RIDGE (3612055/361D), TUMEY HILLS (3612056/361C), PANOCHE (3612057/362D), LLANADA (3612058/362C), CHANEY RANCH (3612065/361A), CHOUNET RANCH (3612066/361B), MERCEY HOT SPRINGS (3612067/362A), CERRO COLORADO (3612068/362B), HAMMONDS RANCH (3612076/382C), LAGUNA SECA RANCH (3612077/383D), ORTIGALITA PEAK (3612078/383C), CHARLESTON SCHOOL (3612087/383A), ORTIGALITA PEAK NW (3612088/383B), LOS BANOS VALLEY (3612181/384A), VOLTA (3712018/403C), SAN LUIS DAM (3712111/404D)

County Summary: FRESNO, MERCED, SAN BENITO

Lat/Long: 36.71434° / -120.72006° Township: 14S
 UTM: Zone-10 N4065606 E703631 Range: 12E
 Area: 325,824.0 ac Mapping Precision: NON-SPECIFIC Section: 13 Qtr: XX
 Elevation: 550 ft Symbol Type: POLYGON Meridian: M

Location: WESTERN SAN JOAQUIN VALLEY NEAR MENDOTA; NORTH TO HIGHWAY 58 AND SOUTH TO FIVE POINTS.
 Location Detail: DISTRIBUTION PATTERN WITHIN THE AREA IS UNKNOWN. NUMEROUS SIGHTINGS HAVE BEEN REPORTED BETWEEN 1975 AND 1988.
 Ecological: IN THE AREA PROPOSED FOR THE LOS BANOS GRANDES RESERVOIR HABITATS RANGED FROM ANNUAL GRASSLAND TO OAK SAVANNA TO GRASSLAND/RIPARIAN EDGE HABITATS.
 Threat: DEVELOPMENT, GRAZING, AGRICULTURE, INUNDATION FROM LOS BANOS GRANDES, AND PREDATION FROM COYOTES AND RED FOX.
 General: A LARGE BODY OF INFORMATION FOR THIS OCCURRENCE IS STORED IN VULPES MACRTOIS MUTICA ELEMENT FILE.
 Owner/Manager: UNKNOWN

Occurrence No. 82 Map Index: 53803 EO Index: 53803 Dates Last Seen
 Occ Rank: Poor Element: 1997-05-21
 Origin: Natural/Native occurrence Site: 1997-05-21
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2004-01-06
 Main Source: PATERSON, L. 1997 (OBS)

Quad Summary: LEVIS (3612054/360C)
 County Summary: FRESNO

Lat/Long: 36.57680° / -120.48407° Township: 15S
 UTM: Zone-10 N4050874 E725112 Range: 14E
 Radius: 1/10 mile Mapping Precision: NON-SPECIFIC Section: 31 Qtr: SW
 Elevation: 340 ft Symbol Type: POINT Meridian: M

Location: CA AQUEDUCT MILE POST 119.4, ABOUT 1.75 MI S OF MANNING AVE, 2.5 MI NE OF I-5. JUST N OF FLORAL AVE, W OF LYON AVE
 Location Detail: OBSERVED IN A SMALL IRRIGATION CANAL/ DRAINAGE DITCH IN A RECENTLY CULTIVATED FIELD, SOME RUDDERAL VEGETATION AROUND THE DITCH. SIGHTED 300-400 FEET WEST OF THE WESTERN EMBANKMENT OF THE AQUEDUCT.
 Ecological: THE ADJACENT LAND IS CALIFORNIA AQUEDUCT RIGHT OF WAY AND IS VEGETATED BY DENSE ATRIPLEX SCRUB, SOME AREAS OF MESQUITE SCRUB AND ANNUAL GRASSLANDS.
 Threat: AGRICULTURE, HUMAN ACTIVITY
 General: 5/21/1997: ONE ADULT OBSERVED FORAGING DURING DWR SPOT-LIGHT SURVEY.
 Owner/Manager: UNKNOWN, PVT?

Vulpes macrotis mutica

San Joaquin kit fox

Status
 Federal: Endangered
 State: Threatened

NDDB Element Ranks
 Global: G4T2T3
 State: S2S3

Element Code: AMAJA03041

Other Lists

CDFG Status:

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. 12 Map Index: 23598 EO Index: 12106 Dates Last Seen
 Occ Rank: Unknown Origin: Natural/Native occurrence Element: 1999-09-01
 Presence: Presumed Extant Site: 1999-09-01
 Trend: Unknown Record Last Updated: 1999-10-13
 Main Source: DEPT. OF FISH & GAME 1988 (LIT)

Quad Summary: TRES PECOS FARMS (3612043/338A), LILLIS RANCH (3612044/338B), CIERVO MTN. (3612045/339A), IDRIA (3612046/339B), HERNANDEZ RESERVOIR (3612047/340A), LEVIS (3612054/380C), MONOCLINE RIDGE (3612055/361D), TUMEY HILLS (3612056/361C), PANOCHE (3612057/362D), LLANADA (3612058/362C), CHANEY RANCH (3612065/361A), CHOUNET RANCH (3612066/361B), MERCEY HOT SPRINGS (3612067/362A), CERRO COLORADO (3612068/362B), HAMMONDS RANCH (3612076/382C), LAGUNA SECA RANCH (3612077/383D), ORTIGALITA PEAK (3612078/383C), CHARLESTON SCHOOL (3612087/383A), ORTIGALITA PEAK NW (3612088/383B), LOS BANOS VALLEY (3612181/384A), VOLTA (3712018/403C), SAN LUIS DAM (3712111/404D)

County Summary: FRESNO, MERCED, SAN BENITO

Lat/Long: 36.71434° / -120.72006° Township: 14S
 UTM: Zone-10 N4065606 E703631 Range: 12E
 Area: 325,824.0 ac Mapping Precision: NON-SPECIFIC Section: 13 Qtr: XX
 Elevation: 550 ft Symbol Type: POLYGON Meridian: M

Location: WESTERN SAN JOAQUIN VALLEY NEAR MENDOTA; NORTH TO HIGHWAY 58 AND SOUTH TO FIVE POINTS.

Location Detail: DISTRIBUTION PATTERN WITHIN THE AREA IS UNKNOWN. NUMEROUS SIGHTINGS HAVE BEEN REPORTED BETWEEN 1975 AND 1988.

Ecological: IN THE AREA PROPOSED FOR THE LOS BANOS GRANDES RESERVOIR HABITATS RANGED FROM ANNUAL GRASSLAND TO OAK SAVANNA TO GRASSLAND/RIPARIAN EDGE HABITATS.

Threat: DEVELOPMENT, GRAZING, AGRICULTURE, INUNDATION FROM LOS BANOS GRANDES, AND PREDATION FROM COYOTES AND RED FOX.

General: A LARGE BODY OF INFORMATION FOR THIS OCCURRENCE IS STORED IN VULPES MACRTOIS MUTICA ELEMENT FILE.

Owner/Manager: UNKNOWN

Vulpes macrotis mutica

San Joaquin kit fox

Status
 Federal: Endangered
 State: Threatened

NDDB Element Ranks
 Global: G4T2T3
 State: S2S3

Element Code: AMAJA03041

Other Lists
 CDFG Status:

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. 12 Map Index: 23598 EO Index: 12106 Dates Last Seen
 Occ Rank: Unknown
 Origin: Natural/Native occurrence Element: 1999-09-01
 Presence: Presumed Extant Site: 1999-09-01
 Trend: Unknown
 Main Source: DEPT. OF FISH & GAME 1988 (LIT) Record Last Updated: 1999-10-13

Quad Summary: TRES PECOS FARMS (3612043/338A), LILLIS RANCH (3612044/338B), CIERVO MTN. (3612045/339A), IDRIA (3612046/339B), HERNANDEZ RESERVOIR (3612047/340A), LEVIS (3612054/360C), MONOCLINE RIDGE (3612055/361D), TUMEY HILLS (3612056/361C), PANOCHE (3612057/362D), LLANADA (3612058/362C), CHANEY RANCH (3612065/361A), CHOUNET RANCH (3612066/361B), MERCEY HOT SPRINGS (3612067/362A), CERRO COLORADO (3612068/362B), HAMMONDS RANCH (3612076/382C), LAGUNA SECA RANCH (3612077/383D), ORTIGALITA PEAK (3612078/383C), CHARLESTON SCHOOL (3612087/383A), ORTIGALITA PEAK NW (3612088/383B), LOS BANOS VALLEY (3612181/384A), VOLTA (3712018/403C), SAN LUIS DAM (3712111/404D)

County Summary: FRESNO, MERCED, SAN BENITO

Lat/Long: 36.71434° / -120.72006° Township: 14S
 UTM: Zone-10 N4065806 E703631 Range: 12E
 Area: 325,824.0 ac Mapping Precision: NON-SPECIFIC Section: 13 Qtr: XX
 Elevation: 550 ft Symbol Type: POLYGON Meridian: M

Location: WESTERN SAN JOAQUIN VALLEY NEAR MENDOTA; NORTH TO HIGHWAY 58 AND SOUTH TO FIVE POINTS.

Location Detail: DISTRIBUTION PATTERN WITHIN THE AREA IS UNKNOWN. NUMEROUS SIGHTINGS HAVE BEEN REPORTED BETWEEN 1975 AND 1988.

Ecological: IN THE AREA PROPOSED FOR THE LOS BANOS GRANDES RESERVOIR HABITATS RANGED FROM ANNUAL GRASSLAND TO OAK SAVANNA TO GRASSLAND/RIPARIAN EDGE HABITATS.

Threat: DEVELOPMENT, GRAZING, AGRICULTURE, INUNDATION FROM LOS BANOS GRANDES, AND PREDATION FROM COYOTES AND RED FOX.

General: A LARGE BODY OF INFORMATION FOR THIS OCCURRENCE IS STORED IN VULPES MACRTOIS MUTICA ELEMENT FILE.

Owner/Manager: UNKNOWN

Vulpes macrotis mutica

San Joaquin kit fox

Status
 Federal: Endangered
 State: Threatened

NDDB Element Ranks
 Global: G4T2T3
 State: S2S3

Element Code: AMAJA03041

Other Lists
 CDFG Status:

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. 12 Map Index: 23598 EO Index: 12106 Dates Last Seen
 Occ Rank: Unknown
 Origin: Natural/Native occurrence Element: 1999-09-01
 Presence: Presumed Extant Site: 1999-09-01
 Trend: Unknown
 Main Source: DEPT. OF FISH & GAME 1988 (LIT) Record Last Updated: 1999-10-13

Quad Summary: TRES PECOS FARMS (3612043/338A), LILLIS RANCH (3612044/338B), CIERVO MTN. (3612045/339A), IDRIA (3612046/339B), HERNANDEZ RESERVOIR (3612047/340A), LEVIS (3612054/360C), MONOCLINE RIDGE (3612055/361D), TUMEY HILLS (3612056/361C), PANOCHE (3612057/362D), LLANADA (3612058/362C), CHANEY RANCH (3612065/361A), CHOUNET RANCH (3612066/361B), MERCY HOT SPRINGS (3612067/362A), CERRO COLORADO (3612068/362B), HAMMONDS RANCH (3612076/382C), LAGUNA SECA RANCH (3612077/383D), ORTIGALITA PEAK (3612078/383C), CHARLESTON SCHOOL (3612087/383A), ORTIGALITA PEAK NW (3612088/383B), LOS BANOS VALLEY (3612181/384A), VOLTA (3712018/403C), SAN LUIS DAM (3712111/404D)

County Summary: FRESNO, MERCED, SAN BENITO

Lat/Long: 36.71434° / -120.72006° Township: 14S
 UTM: Zone-10 N4065606 E703631 Range: 12E
 Area: 325,824.0 ac Mapping Precision: NON-SPECIFIC Section: 13 Qtr: XX
 Elevation: 550 ft Symbol Type: POLYGON Meridian: M

Location: WESTERN SAN JOAQUIN VALLEY NEAR MENDOTA; NORTH TO HIGHWAY 58 AND SOUTH TO FIVE POINTS.
 Location Detail: DISTRIBUTION PATTERN WITHIN THE AREA IS UNKNOWN. NUMEROUS SIGHTINGS HAVE BEEN REPORTED BETWEEN 1975 AND 1988.
 Ecological: IN THE AREA PROPOSED FOR THE LOS BANOS GRANDES RESERVOIR HABITATS RANGED FROM ANNUAL GRASSLAND TO OAK SAVANNA TO GRASSLAND/RIPARIAN EDGE HABITATS.
 Threat: DEVELOPMENT, GRAZING, AGRICULTURE, INUNDATION FROM LOS BANOS GRANDES, AND PREDATION FROM COYOTES AND RED FOX.
 General: A LARGE BODY OF INFORMATION FOR THIS OCCURRENCE IS STORED IN VULPES MACRTOIS MUTICA ELEMENT FILE.
 Owner/Manager: UNKNOWN

Vulpes macrotis mutica

San Joaquin kit fox

Status
 Federal: Endangered
 State: Threatened

NDDB Element Ranks
 Global: G4T2T3
 State: S2S3

Element Code: AMAJA03041

Other Lists

CDFG Status:

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. 12

Map Index: 23598

EO Index: 12106

Dates Last Seen

Occ Rank: Unknown

Origin: Natural/Native occurrence

Presence: Presumed Extant

Trend: Unknown

Element: 1999-09-01

Site: 1999-09-01

Main Source: DEPT. OF FISH & GAME 1988 (LIT)

Record Last Updated: 1999-10-13

Quad Summary:

TRES PECOS FARMS (3612043/338A), LILLIS RANCH (3612044/338B), CIERVO MTN. (3612045/339A), IDRIA (3612046/339B), HERNANDEZ RESERVOIR (3612047/340A), LEVIS (3612054/360C), MONOCLINE RIDGE (3612055/361D), TUMEY HILLS (3612056/361C), PANOCHE (3612057/362D), LLANADA (3612058/362C), CHANEY RANCH (3612065/361A), CHOUNET RANCH (3612066/361B), MERCEY HOT SPRINGS (3612067/362A), CERRO COLORADO (3612068/362B), HAMMONDS RANCH (3612076/382C), LAGUNA SECA RANCH (3612077/383D), ORTIGALITA PEAK (3612078/383C), CHARLESTON SCHOOL (3612087/383A), ORTIGALITA PEAK NW (3612088/383B), LOS BANOS VALLEY (3612181/384A), VOLTA (3712018/403C), SAN LUIS DAM (3712111/404D)

County Summary: FRESNO, MERCED, SAN BENITO

Lat/Long: 36.71434° / -120.72006°

UTM: Zone-10 N4065606 E703631

Area: 325,824.0 ac

Elevation: 550 ft

Township: 14S

Range: 12E

Section: 13

Qtr: XX

Mapping Precision: NON-SPECIFIC

Symbol Type: POLYGON

Meridian: M

Location: WESTERN SAN JOAQUIN VALLEY NEAR MENDOTA; NORTH TO HIGHWAY 58 AND SOUTH TO FIVE POINTS.

Location Detail: DISTRIBUTION PATTERN WITHIN THE AREA IS UNKNOWN. NUMEROUS SIGHTINGS HAVE BEEN REPORTED BETWEEN 1975 AND 1988.

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Owner/Manager: UNKNOWN