

Aegialia concinna

Ciervo aegilian scarab beetle

Element Code: IICOL64010

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

Habitat Associations

General: KNOWN ONLY FROM FRESNO COUNTY IN SANDY SUBSTRATES.

Micro:

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
	Qtr: XX
Mapping Precision: NON-SPECIFIC	Symbol Type: POINT

Location: 1st MILE 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
	Qtr: XX
Mapping Precision: SPECIFIC	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.

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			Record Last Updated: 2004-05-19
Trend: Unknown			
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	Section: 15
Elevation: 425 ft	Meridian: M
Mapping Precision: NON-SPECIFIC	Qtr: XX
Symbol Type: POLYGON	

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

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 Mapping Precision: NON-SPECIFIC Section: 24 Qtr: SE
 Elevation: 450 ft Symbol Type: POINT Meridian: M

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

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 Mapping Precision: NON-SPECIFIC Section: 12 Qtr: NE
 Elevation: 330 ft Symbol Type: POINT Meridian: M

Location: LOCATED AT THE MOUTH OF LITTLE PANOCH 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 PANOCH 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

<i>Ammospermophilus nelsoni</i>		Element Code: AMAFB04040	
San Joaquin antelope squirrel	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			Record Last Updated: 1989-08-10
Trend: Unknown			
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	Section: 17
Elevation: 800 ft	Meridian: M
Mapping Precision: NON-SPECIFIC	Qtr: XX
Symbol Type: POINT	

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 _____ NODDB 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. 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. ACQUISITION 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 anolepoe 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. 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
 Trend: Unknown Record Last Updated: 1994-10-04
 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 Mapping Precision: SPECIFIC Section: 18 Qtr: NW
 Elevation: 1,900 ft Symbol Type: POINT Meridian: M

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
 Trend: Unknown Record Last Updated: 1994-10-04
 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 Mapping Precision: SPECIFIC Section: 18 Qtr: SE
 Elevation: 1,900 ft Symbol Type: POINT Meridian: M

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
 Trend: Unknown Record Last Updated: 1994-10-04
 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 Mapping Precision: SPECIFIC Section: 09 Qtr: SE
 Elevation: 800 ft Symbol Type: POINT Meridian: M

Location: 4 MILES SE OF THE MANNING AVENUE EXIT FROM I-5, MONOCLINE RIDGE.
 Ecological: HABITAT CONSISTS OF SALT BUSH 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

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. 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

Status Federal: None State: Threatened	NDDB Element Ranks Global: G2 State: S2	Element Code: AMAFB04040 Other Lists CDFG Status:
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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

Status
 Federal: None
 State: Threatened

NDDB Element Ranks
 Global: G2
 State: S2

Element Code: AMAFB04040

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
 Main Source: BOLSTER, B. 1981 (LT) Record Last Updated: 1997-03-18

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
 Main Source: ELY, E. 1991 (DBS) Record Last Updated: 1997-02-21

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

Lat/Long: 36.80281° / -120.66419° Township: 15S
 UTM: Zone-10 N4053352 E706923 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 SALT BUSH. 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
 Main Source: ELY, E. 1990 (OBS) Record Last Updated: 1997-02-06

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

Mapping Precision: NON-SPECIFIC

Symbol Type: POINT

Township: 15S

Range: 11E

Section: 25

Meridian: M

Qtr: XX

Location: LOCATED 8 MILES EAST OF PANOUCHE 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

Element Code: ARACC01012

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G3G4T3T4Q

CDFG Status: SC

State: None

State: S3

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 (3612058/361C)

County Summary: FRESNO

Lat/Long: 36.61679° / -120.65683°

UTM: Zone-10 N4054919 E709544

Radius: 1/10 mile

Elevation: 680 ft

Mapping Precision: NON-SPECIFIC

Symbol Type: POINT

Township: 15S

Range: 12E

Section: 22

Meridian: M

Qtr: NW

Location: ALONG A (DRY) TRIBUTARY TO PANOCHE 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

Status _____ Element Code: ABNSB13040
 Federal: None _____ NDDB Element Ranks _____ Other Lists _____
 State: None _____ Global: G5 _____ CDFG Status: SC
 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 (3812054/360C)
 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 PANOCHÉ 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		Element Code: ABNSB13040	
Status		NDDB Element Ranks	
Federal: None	Global: G5	Other Lists	
State: None	State: S3	CDFG Status: SC	
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			Record Last Updated: 2003-01-07
Trend: Unknown			
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			

<i>Athene cunicularia</i>			
burrowing owl		Element Code: ABNSB10010	
Status		NDDB Element Ranks	
Federal: None	Global: G4	Other Lists	
State: None	State: S2	CDFG Status: SC	
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			Record Last Updated: 2002-10-22
Trend: Unknown			
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

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. 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 SALTBUSH 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			Record Last Updated: 2004-12-21
Trend: Unknown			
Main Source: PRESTON, R. 2002 (OBS)			

Quad Summary: TUMEY HILLS (3612058/361C)

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			Record Last Updated: 2004-12-21
Trend: Unknown			
Main Source: PRESTON, R. 2002 (OBS)			

Quad Summary: MONOCLINE RIDGE (3612055/361D)

County Summary: FKE:SNO

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
 State: None State: S1.1 CNPS List: 1B
 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, MONOLOPIA 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: 58886 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

Status _____ Element Code: PDCHE04250
 Federal: None _____ NDDB Element Ranks _____ Other Lists _____
 State: None _____ Global: G1 _____ CNPS List: 1B
 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 (3612044/339B), 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

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: GIERVO 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), COT RANCH (3612064/360B), MENDOTA DAM (3612073/381D), FIREBAUGH (3612074/381C)

County Summary: FRESNO

Lat/Long: 36.75299° / -120.38045°

Township: 13S

UTM: Zone-10 N4070571 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: 2005-08-20
Origin: Natural/Native occurrence			Site: 2005-08-20
Presence: Presumed Extant			Record Last Updated: 2005-08-27
Trend: Unknown			
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	Section: 07
Elevation: 340 ft	Meridian: M
Mapping Precision: SPECIFIC	Qtr: NW
Symbol Type: POINT	

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

Status _____ Element Code: ABNKC19070
Federal: None NDDB Element Ranks Global: G5 Other Lists _____
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: 36.72128° / -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	NODD 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. 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			Record Last Updated: 2000-01-27
Trend: Unknown			
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	Section: 31
Elevation: 275 ft	Meridian: M
	Qtr: SW

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			Record Last Updated: 2000-05-02
Trend: Unknown			
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	Section: 29
Elevation: 269 ft	Meridian: M
	Qtr: NE

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 _____ 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. 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 JOAQUÍN 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 18 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	CDFG Status:
State: Endangered	State: S1	

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			Record Last Updated: 1989-08-10
Trend: Unknown			
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	Section: 19
Elevation: 150 ft	Meridian: M
	Qtr: E
	Mapping Precision: NON-SPECIFIC
	Symbol Type: POINT

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
 State: None

Global: G1
 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. 1 Map Index: 13197 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: 13176 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 beeble

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. 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

Element Code: PDSCROJ0D1

_____ Status _____	NDDB Element Ranks	_____ 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	Section: 22
Elevation: 175 ft	Meridian: M
Mapping Precision: NON-SPECIFIC	Qtr: XX
Symbol Type: POINT	

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 tarplant

Element Code: PDAST4R0C0

Status	NDDB Element Ranks	Other Lists
Federal: None	Global: G1	CNPS List: 1B
State: None	State: S1.1	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			Record Last Updated: 2005-03-28
Trend: Unknown			
Main Source: TAYLOR, D. #14834 UC #1755106 (HERB)			

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

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

Location: TUMEY HILLS, IN A MINOR ORDER TRIBUTARY TO SILVER CREEK (HILLS 1 MI SOUTH OF PANOCHE 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: 60698	EO Index: 60735	Dates Last Seen
Occ Rank: Unknown			Element: 1995-05-18
Origin: Natural/Native occurrence			Site: 1995-05-18
Presence: Presumed Extant			Record Last Updated: 2005-03-28
Trend: Unknown			
Main Source: TAYLOR, D. #14904 JEPS #100506 (HERB)			

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

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

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			Record Last Updated: 2005-03-28
Trend: Unknown			
Main Source: TAYLOR, D. #11662 JEPS #90412 (HERB)			

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

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

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: PDRAN081J0

Status _____ NDDB Element Ranks _____ Other Lists _____
 Federal: None Global: G2
 State: None State: S2.2 CNPS List: 1B
 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 SALTBUSH 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 N4055138 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 PANOCHE CREEK.
 Location Detail: MAPPED IN VICINITY OF GAGING STATION ON PANOCHE 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 PANOCHE 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: S22	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	E0 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 (3612058/361C), CHOUNET RANCH (3612068/361B)

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 PANOCHE CREEK.

Location Detail: MAPPED IN VICINITY OF GAGING STATION ON PANOCHE 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 PANOCHE RD @ SILVER CR CROSSING) ATTRIB TO SITE.

Owner/Manager: UNKNOWN

Dipodomys ingens

giant kangaroo rat

Status: _____ NDDB Element Ranks: _____ Element Code: AMAFD03080
 Federal: Endangered Global: G2 Other Lists: _____
 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	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. 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			Record Last Updated: 1989-08-10
Trend: Decreasing			
Main Source: BOLSTER, B. 1981 (LIT)			

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

County Summary: FRESNO

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

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		NDDB 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. 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			Record Last Updated: 1989-08-10
Trend: Unknown			
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	Section: 21
Elevation: 2,200 ft	Meridian: M
	Qtr: XX

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			Record Last Updated: 1989-08-10
Trend: Decreasing			
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	Section: 17
Elevation: 800 ft	Meridian: M
	Qtr: XX

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			Record Last Updated: 1989-08-10
Trend: Unknown			
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	Section: 32
Elevation: 720 ft	Meridian: M
	Qtr: XX

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 & 1985) 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 _____	NDDB 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			Record Last Updated: 1989-08-10
Trend: Unknown			
Main Source: WILLIAMS, D. 1987 (PERS)			

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

County Summary: FRESNO

Lat/Long: 38.50216° / -120.46350°	Township: 16S
UTM: Zone-10 N4042640 E727172	Range: 14E
Radius: 1 mile	Section: 32
Elevation: 750 ft	Meridian: M
	Qtr: XX

Location: 4 MI W OF THREE ROCKS.

General: 1 CSUF SPECIMEN.

Owner/Manager: PVT

Dipodomys ingens

giant kangaroo rat

Element Code: AMAFD03080

Status: 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 (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: PANOCHE 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: 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	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. 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			Record Last Updated: 1989-08-10
Trend: Unknown			
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	Section: 11
Elevation: 480 ft	Meridian: M
Mapping Precision: NON-SPECIFIC	Qtr: SE
Symbol Type: POINT	

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: 24061	Dates Last Seen
Occ Rank: None			Element: 1932-02-20
Origin: Natural/Native occurrence			Site: XXXX-XX-XX
Presence: Possibly Extirpated			Record Last Updated: 1989-08-10
Trend: Unknown			
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	Section: 15
Elevation: 600 ft	Meridian: M
Mapping Precision: NON-SPECIFIC	Qtr: SW
Symbol Type: POINT	

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			Record Last Updated: 1989-08-10
Trend: Unknown			
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	Section: 10
Elevation: 503 ft	Meridian: M
Mapping Precision: NON-SPECIFIC	Qtr: SW
Symbol Type: POINT	

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: 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. 17 Map Index: 12801 EO Index: 24064 Dates Last Seen: Element: 1985-XX-XX Site: 1985-06-XX
 Occ Rank: Unknown
 Origin: Natural/Naive occurrence
 Presence: Presumed Extant
 Trend: Decreasing
 Main Source: WILLIAMS, D. 1985 (LIT)
 Record Last Updated: 1989-08-10

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

Lat/Long: 36.80756° / -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 & PANOCHÉ CKS BTWN PANOCHÉ 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 "PANOCHÉ CK".
 Owner/Manager: PVT

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

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

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

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. 28 Map Index: 32784 EO Index: 651 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 (3612058/361C)
 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 PANOCHE 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 (3612058/361C)
 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 PANOCHE ROAD, JUST ABOVE JUNCTION OF SILVER CREEK AND PANOCHE 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 (3612058/361C)
 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: PANOCHE 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 SALTBUSH. 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			Record Last Updated: 1996-02-26
Trend: Unknown			
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	Section: 19
Elevation: 150 ft	Meridian: M
	Qtr: XX
Mapping Precision: NON-SPECIFIC	
Symbol Type: POINT	

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 homed lark

Element Code: ABPAT02011

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

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 Mapping Precision: SPECIFIC Section: 07 Qtr: SE
 Elevation: 513 ft Symbol Type: POINT Meridian: M

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: PDPGN085F0

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

Status	NDDB Element Ranks	Element Code: PDPGN085P0
Federal: None	Global: G3	Other Lists
State: None	State: S3.2	CNPS List: 1B
		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			Record Last Updated: 2004-10-10
Trend: Unknown			
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	Section: 16
Elevation: 600 ft	Meridian: M
	Mapping Precision: NON-SPECIFIC
	Symbol Type: POINT
	Qtr: SW

Location: AT THE GAGING STATION ON PANOCHE ROAD, W OF I-5.
 Location Detail: EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS BY CNDD, 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 _____	NDDB Element Ranks	_____ Other Lists _____
Federal: None	Global: G4	CNPS List: 2
State: None	State: S2.1	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			Record Last Updated: 2001-10-04
Trend: Unknown			
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	Section: 26
Elevation: 2,980 ft	Meridian: M
	Qtr: XX
Mapping Precision: NON-SPECIFIC	
Symbol Type: POLYGON	

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			Record Last Updated: 2001-10-15
Trend: Unknown			
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	Section: 22
Elevation:	Meridian: M
	Qtr: XX
Mapping Precision: NON-SPECIFIC	
Symbol Type: POLYGON	

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 (3812056/361C)

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 R

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

Status _____ Element Code: ABNKD06090
 Federal: None NDDDB Element Ranks _____ Other Lists _____
 State: None Global: G5 CDFG Status: SC
 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
 * SENSITIVE * 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
 * SENSITIVE * 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		Element Code: ABNKD06090	
prairie falcon	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. 158 Map Index: 12749 EO Index: 26250 Dates Last Seen

* SENSITIVE * 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

* SENSITIVE * 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

* SENSITIVE * 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 sifa

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. 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: Endangered
 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. 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
 Main Source: DEPT. OF FISH & GAME 1985 (PERS) Record Last Updated: 1989-08-10

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
 Main Source: DEPT. OF FISH & GAME 1985 (PERS) Record Last Updated: 1989-08-10

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
 Main Source: DEPT. OF FISH & GAME 1985 (PERS) Record Last Updated: 1989-08-10

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

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. 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 (3612058/361C)

County Summary: FRESNO

Lat/Long: 36.62206° / -120.71780°

UTM: Zone-10 N4055372 E704077

Township: 15S

Radius: 1/5 mile

Range: 11E

Elevation: 1,000 ft

Mapping Precision: NON-SPECIFIC

Section: 13

Qtr: XX

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

Gambella 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. 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			Record Last Updated: 1989-08-10		
Trend: Unknown					
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

Status: Endangered NDDB Element Ranks: Global: G1 Element Code: ARACF07010
 State: Endangered 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: Element: 1960-05-14
 Occ Rank: Unknown 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: Element: 1979-XX-XX
 Occ Rank: Unknown 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: _____ 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. 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 (3612058/361C), 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
 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.: 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.: 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
Trend: Unknown **Record Last Updated:** 1989-08-10
Main Source: TOLLESTRUP, K. 1978 (PERS)

Quad Summary: HAMMONDS RANCH (3612076/382C)

County Summary: FRESNO

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

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

Lat/Long: 36.75866° / -120.72379°	Township: 13S
UTM: Zone-10 N4070627 E703178	Range: 11E
Radius: 1 mile	Section: 36
Elevation: 595 ft	Meridian: M
	Qtr: NW

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			Record Last Updated: 1989-08-10
Trend: Unknown			
Main Source: BRODE, J. & D. STROUD 1974 (LIT)			

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

Lat/Long: 36.63289° / -120.84906°	Township: 15S
UTM: Zone-10 N4056734 E710195	Range: 12E
Radius: 1/5 mile	Section: 15
Elevation: 500 ft	Meridian: M
	Qtr: N

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			Record Last Updated: 1989-08-10
Trend: Unknown			
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	Section: 24
Elevation: 800 ft	Meridian: M
	Qtr: N

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 lily-tips

Element Code: PDAST5NOB0

_____ 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	Section: 15
Elevation: 450 ft	Meridian: M
	Qtr: SE

Location: FLOODPLAIN (WASH) OF LITTLE PANOCHÉ 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-tips	Status	NDDB Element Ranks	Element Code: PDAST5N0B0	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			Record Last Updated: 1995-05-25
Trend: Unknown			
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	Section: 07
Elevation: 190 ft	Meridian: M
Mapping Precision: NON-SPECIFIC	Qtr: NW
Symbol Type: POINT	

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

Status

Element Code: PDAST5N0B0

Federal: None

NDDB Element Ranks

Other Lists

State: None

Global: G1

CNPS List: 1B

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: CRJM, 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 _____	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			Record Last Updated: 1998-12-17
Trend: Unknown			
Main Source: TAYLOR, D. #9425 PVT (HERB)			

Quad Summary: TUMEY HILLS (3612056/381C), 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	Section: 10
Elevation: 503 ft	Meridian: M
Mapping Precision: NON-SPECIFIC	Qtr: SW
Symbol Type: POINT	

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 (3612068/361B)
 County Summary: FRESNO

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

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: 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			Record Last Updated: 1998-12-17
Trend: Unknown			
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	Section: 10
Elevation: 503 ft	Qtr: SW
Mapping Precision: NON-SPECIFIC	Meridian: M
Symbol Type: POINT	

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

Location Detail: MAPPED BETWEEN I-5 AND THE PANOCHÉ HILLS IN THE VICINITY OF PANOCHÉ 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 _____
Federal: None	Global: G1G2	Other Lists _____
State: None	State: S1S2	CDFG Status: _____

_____ 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	Origin: Natural/Native occurrence	Element: 1978-05-21	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 (3612058/361C)

County Summary: FRESNO, SAN BENITO

Lat/Long: 36.57495° / -120.71743°	Township: 15S
UTM: Zone-10 N4050147 E704234	Range: 11E
Radius: 1 mile	Section: 36
Elevation: 1,240 ft	Meridian: M
	Qtr: SW

Location: 8.2 MI W I-5 ON PANOCHE 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			Record Last Updated: 2003-07-11
Trend: Unknown			
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

_____ Status _____	NDDB Element Ranks	Element Code: PDAST650E0	Other Lists
Federal: None	Global: G2		CNPS List: 18
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			
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
Elevation: 650 ft	Symbol Type: POINT	Meridian: M
		Qtr: XX

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			
Trend: Unknown			Record Last Updated: 2003-07-11
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	Mapping Precision: NON-SPECIFIC	Section: 15
Elevation: 510 ft	Symbol Type: POLYGON	Meridian: M
		Qtr: NW

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 PANOCHE 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 (3612058/361C)
 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, PLAGIOBOTHRYS, 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 DOMINTED 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 AIRMI 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 AIRMI 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

NDDDB 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: 36.53800° / -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 PANOCHÉ CANYON.

General: ACC. TO 1989 REPORT BY D. TAYLOR, NATIVE HABITATS ARE ABSENT FROM THE MOUTH OF BIG PANOCHÉ 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 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 (3612058/361C), CHANEY RANCH (3612065/361A), CHOUNET RANCH (3612068/361B)
 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
 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. 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 (3812054/360C)
 County Summary: FRESNO

Lat/Long: 36.51689° / -120.38622° Township: 16S
 UTM: Zone-10 N4044455 E733871 Range: 15E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 19 Qtr: SW
 Elevation: 380 ft Symbol Type: POINT Meridian: M

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: 18 Qtr: XX
Elevation: 1,743 ft	Meridian: M

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 PALEONOTOLOGICAL 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: _____ NDDIS 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: 35.62328° / -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: 12891 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
 Federal: None
 State: None

NDDB Element Ranks
 Global: G5T1T2
 State: S1S2

Other Lists
 CDFG Status: SC

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 N4061560 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 _____	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. 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
Elevation: 400 ft	Symbol Type: POINT
	Section: 36
	Meridian: M
	Qtr: XX

Location: PANOCHE CREEK, ABOUT 1.75 MILES NORTHEAST OF INTERSTATE 5 AND 2 MILES NORTHWEST OF CHANLEY RANCH: I.

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

----- Status -----

Federal: None

State: None

NDDB Element Ranks

Global: G4T2T3

State: S2S3

Element Code: AMAFD01061

Other Lists

----- 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°

UTM: Zone-10 N4073320 E733705

Radius: 1 mile

Elevation:

Mapping Precision: NON-SPECIFIC

Symbol Type: POINT

Township: 13S

Range: 14E

Section: 30

Meridian: M

Qtr: XX

Location: 1.5 MILES NORTH OF MENDOTA.

General: MVZ #28364.

Owner/Manager: UNKNOWN

Perognathus inornatus inornatus		
San Joaquin pocket mouse		Element Code: AMAFD01061
Status	NDDB Element Ranks	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°	Township: 15S
UTM: Zone-10 N4053832 E706984	Range: 12E
Radius: 1 mile	Section: 20
Elevation: 640 ft	Meridian: M
Mapping Precision: NON-SPECIFIC	Qtr: SW
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
 State: None

Global: G4T3T4
 State: S3S4

CDFG Status: SC

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 (3812055/381D)
 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 R 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 (3812055/381D)
 County Summary: FRESNO

Lat/Long: 36.53438° / -120.55886° Township: 16S
 UTM: Zone-10 N4045994 E718539 Range: 13E
 Radius: 80 meters Mapping Precision: SPECIFIC Section: 16 Qtr: SE
 Elevation: 1,500 R 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 _____ NDDB Element Ranks _____ Other Lists _____
 Federal: None Global: G3
 State: None State: S3.2

CNPS List: 1B
 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° Township: 13S
 UTM: Zone-10 N4074019 E734676 Range: 15E
 Radius: 2/5 mile Mapping Precision: NON-SPECIFIC Section: 19 Qtr: E
 Elevation: 160 ft Symbol Type: POINT Meridian: M

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		Element Code: AMAJF04010	
Status		NDDB Element Ranks	
Federal: None	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			Record Last Updated: 2004-09-15
Trend: Unknown			
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: 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 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 (3612068/361B)
 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: 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

Thamnophis gigas

giant garter snake

Status _____ NDDB Element Ranks _____ Element Code: ARADB36150
Federal: Threatened Global: G2G3 Other Lists _____
State: Threatened State: S2S3 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 Element: 1974-10-30
Origin: Natural/Native occurrence Site: 1974-10-30
Presence: Presumed Extant
Trend: Unknown Record Last Updated: 1991-04-16
Main Source: BRODE, J. 1980 (PERS)

Quad Summary: TRANQUILLITY (3612063/360A), COIT RANCH (3612084/360B), MENDOTA DAM (3612073/381D), FIREBAUGH (3612074/381C)
County Summary: FRESNO

Lat/Long: 36.74737° / -120.36830° Township: 14S
UTM: Zone-10 N4070077 E734954 Range: 15E
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

Thamnophis gigas

giant garter snake

Status _____ Element Code: ARADB36150
 Federal: Threatened NDDB Element Ranks Other Lists _____
 State: Threatened Global: G2G3 CDFG Status: _____
 State: S2S3

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. 3 Map Index: 13563 EO Index: 27602 Dates Last Seen _____
 Occ Rank: Unknown Element: 1976-XX-XX
 Origin: Natural/Native occurrence Site: 1976-XX-XX
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1995-08-07
 Main Source: HANSON, G. 1980 (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 AREA, E END OF BASS AVENUE AND SLOUGH NEAR SAN JOAQUIN RIVER, 1.5 MI NORTH OF MENDOTA.

General: SPECIMEN TAKEN AND DEPOSITED INTO UC BERKELY MUSEUM OF VERTEBRATE ZOOLOGY.

Owner/Manager: UNKNOWN

Occurrence No. 5 Map Index: 13564 EO Index: 27605 Dates Last Seen _____
 Occ Rank: Unknown Element: 1974-10-30
 Origin: Natural/Native occurrence Site: 1974-10-30
 Presence: Presumed Extant
 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: 15E
 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 _____ NDDB Element Ranks _____ Other Lists _____
 Federal: None Global: G1
 State: None State: S1.1

Habitat Associations _____
 General: _____
 Micro: _____

Occurrence No. 7 Map Index: 13673 EO Index: 16273 Dates Last Seen _____
 Occ Rank: Fair Element: 1985-03-17
 Origin: Natural/Native occurrence Site: 1985-03-17
 Presence: Presumed Extant
 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 N4086028 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

Element Code: AMAJA03041

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

_____ Habitat Associations _____

General: ANNUAL GRASSLANDS OR GRASSY OPEN STAGES WITH SCATTERED SHRUBBY VEGETATION.
 Micro: NEED LOOSE-TEXTURED SANDY SOILS FOR BURROWING, AND SUITABLE PREY BASE.

Occurrence No. 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
Elevation: 340 ft	Meridian: M
Mapping Precision: NON-SPECIFIC	Qtr: NW
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: _____ NDDB Element Ranks: _____ Other Lists: _____
 Federal: Endangered Global: G4T2T3
 State: Threatened State: S2S3 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: 12105 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 MACROIS 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: DIPDOMYS 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	NDDB Element Ranks	Element Code: AMAJA03041
Federal: Endangered	Global: G4T2T3	Other Lists
State: Threatened	State: S2S3	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 1998 (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 N4065608 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 Origin: Natural/Native occurrence Element: 1997-05-21

Presence: Presumed Extant Site: 1997-05-21

Trend: Unknown

Main Source: PATERSON, L. 1997 (OBS) Record Last Updated: 2004-01-06

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 CULTVATED FIELD, SOME RUDERAL 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?

<i>Vulpes macrotis mutica</i>		
San Joaquin kit fox		
Status		Element Code: AMAJA03041
Federal: Endangered	NDDB Element Ranks	Other Lists
State: Threatened	Global: G4T2T3	CDFG Status:
	State: S2S3	
Habitat Associations		
General: ANNUAL GRASSLANDS OR GRASSY OPEN STAGES WITH SCATTERED SHRUBBY VEGETATION.		
Micro: NEED LOOSE-TEXTURED SANDY SOILS FOR BURROWING, AND SUITABLE PREY BASE.		

Occurrence No. 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

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 (3612054/380C), 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 (3612076/362C), 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

<i>Vulpes macrotis mutica</i>			
San Joaquin kit fox		Element Code: AMAJA03041	
Status		NDDB Element Ranks	
Federal: Endangered		Global: G4T2T3	Other Lists
State: Threatened		State: S2S3	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 (3612078/382C), 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

Element Code: AMAJA03041

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

_____ Habitat Associations _____

General: ANNUAL GRASSLANDS OR GRASSY OPEN STAGES WITH SCATTERED SHRUBBY VEGETATION.
 Micro: NEED LOOSE-TEXTURED SANDY SOILS FOR BURROWING, AND SUITABLE PREY BASE.

Occurrence No. 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 N4065806 E703631	Range: 12E
Area: 325,824.0 ac	Section: 13
Elevation: 550 ft	Meridian: M
	Mapping Precision: NON-SPECIFIC
	Symbol Type: POLYGON
	Qtr: XX

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

Element Code: AMAJA03041

Status	NDDB Element Ranks	Other Lists
Federal: Endangered	Global: G4T2T3	
State: Threatened	State: S2S3	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	Section: 13
Elevation: 550 ft	Meridian: M
Mapping Precision: NON-SPECIFIC	Qtr: XX
Symbol Type: POLYGON	

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