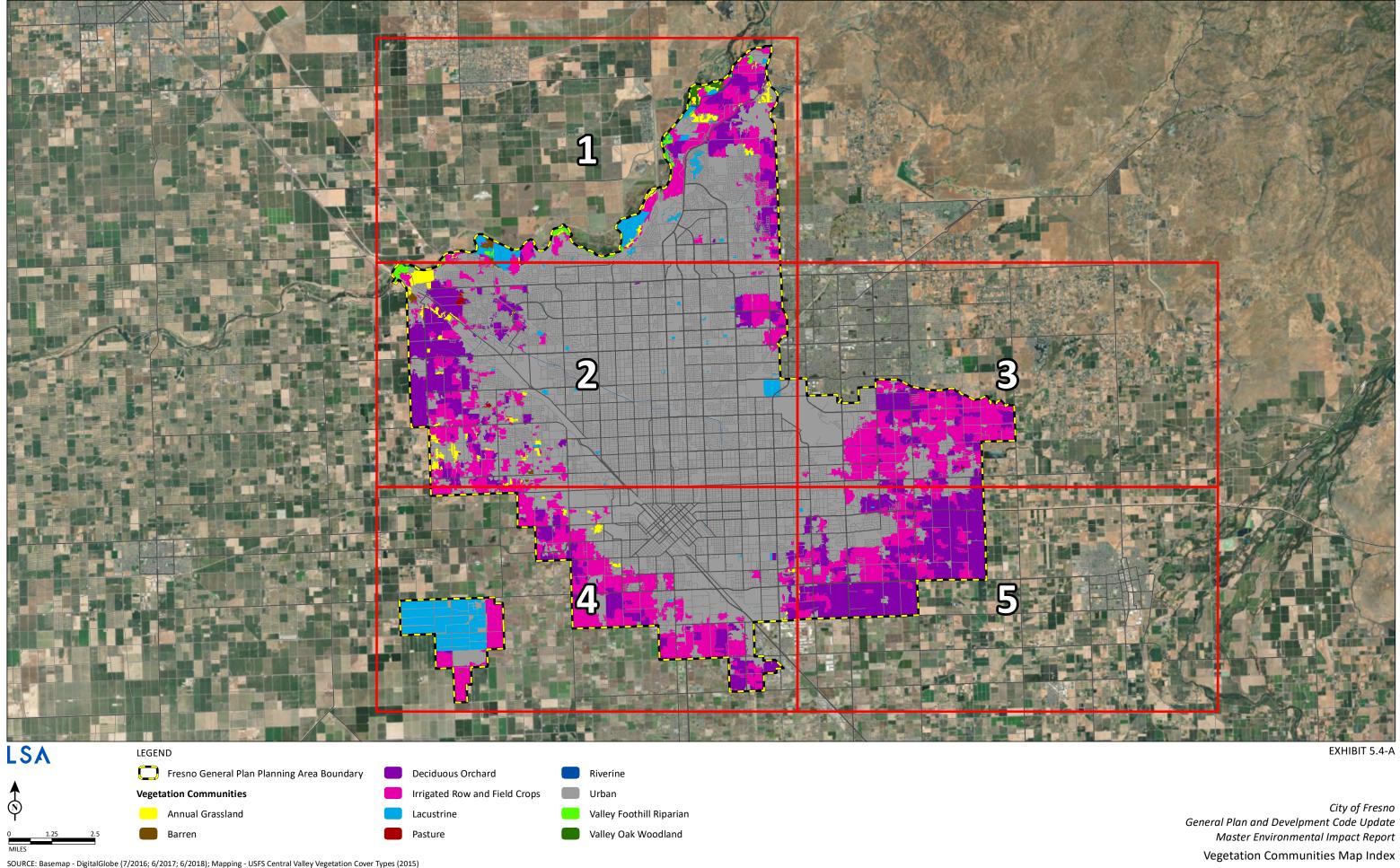


APPENDIX D

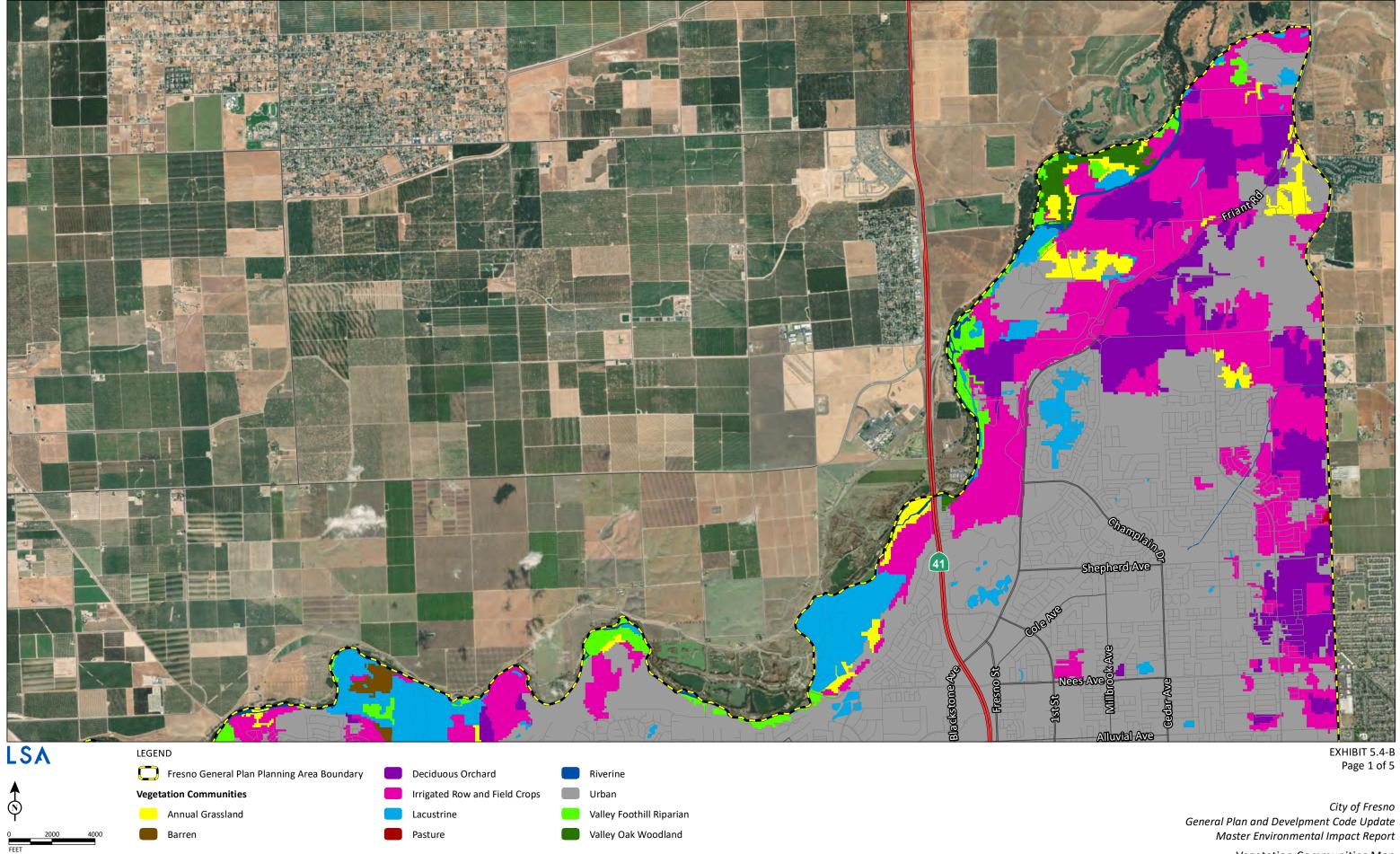
BIOLOGICAL RESOURCES



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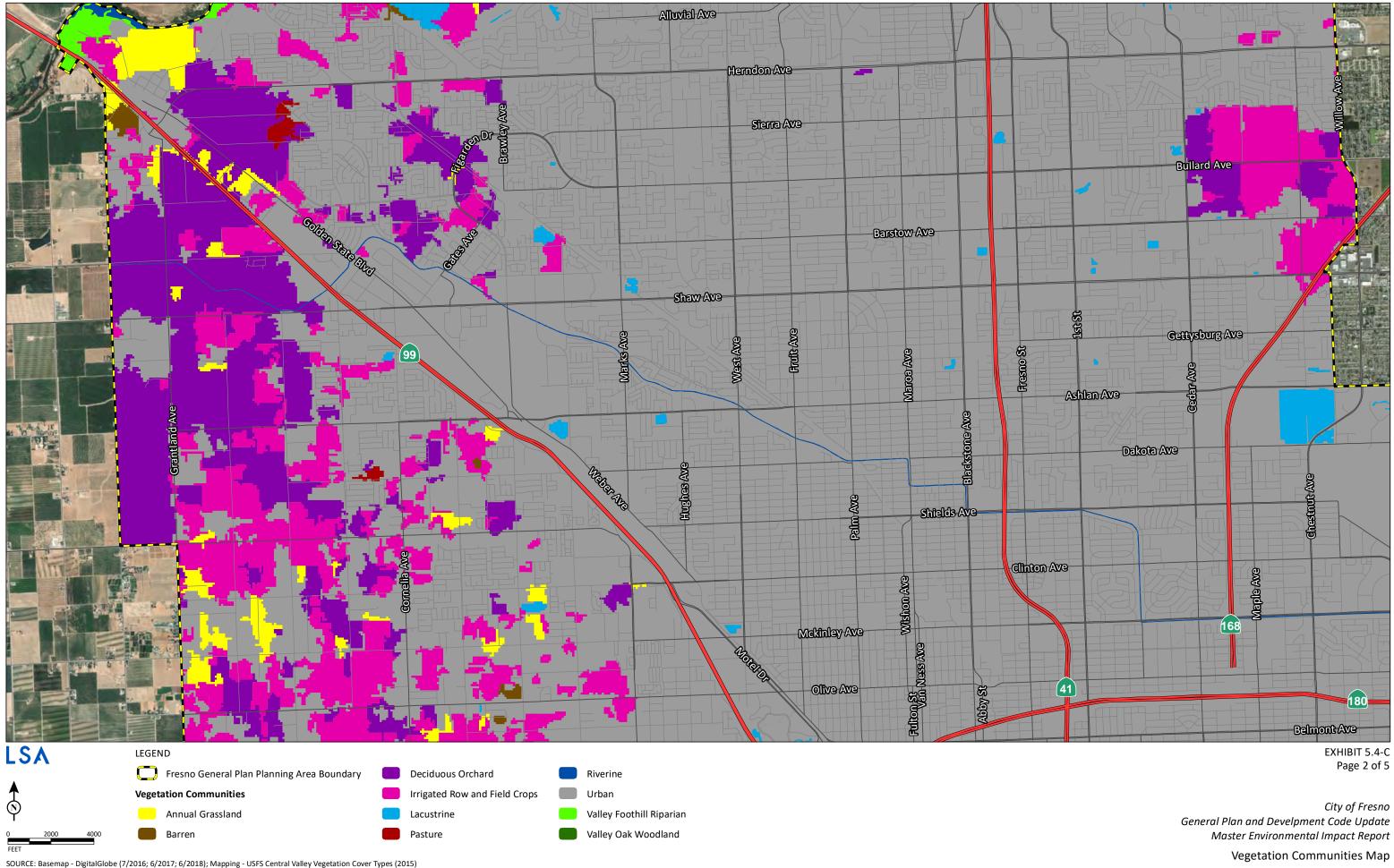


I:\CFO1802\GIS\Vegetation Communities Exhibit_Index.mxd (9/16/2019)

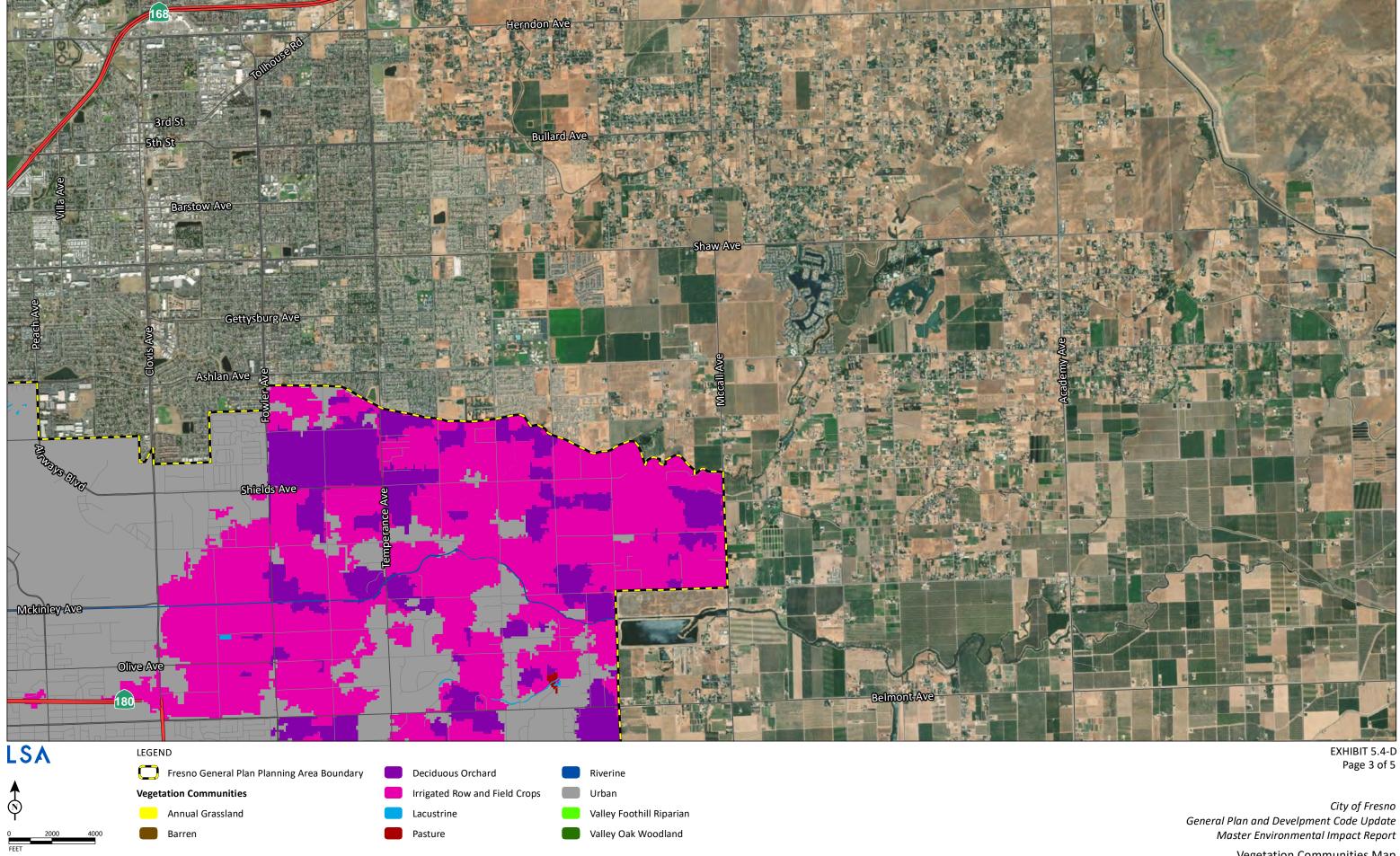


I:\CFO1802\GIS\Vegetation Communities Exhibit.mxd (9/16/2019)

Vegetation Communities Map

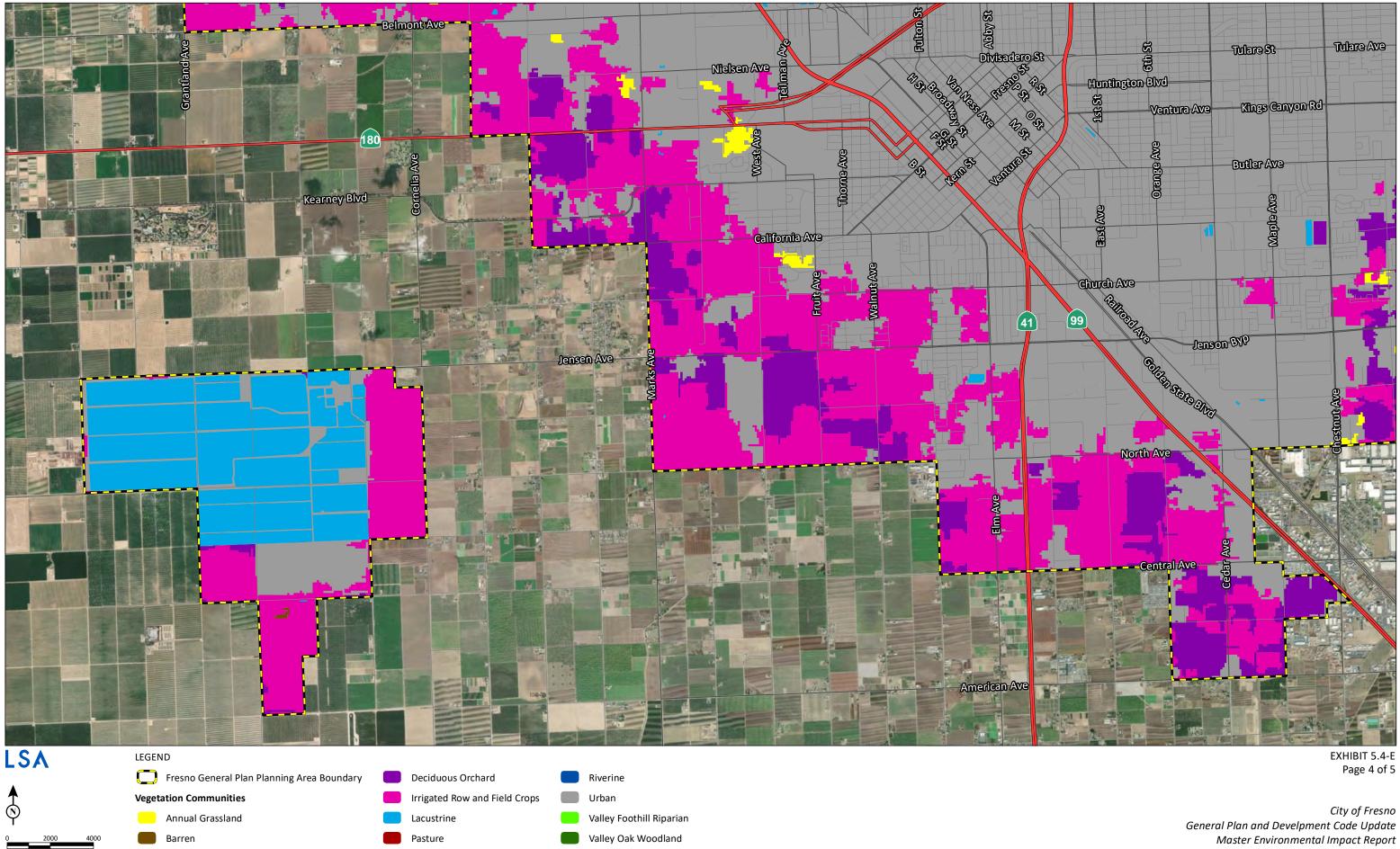


I:\CFO1802\GIS\Vegetation Communities Exhibit.mxd (9/16/2019)



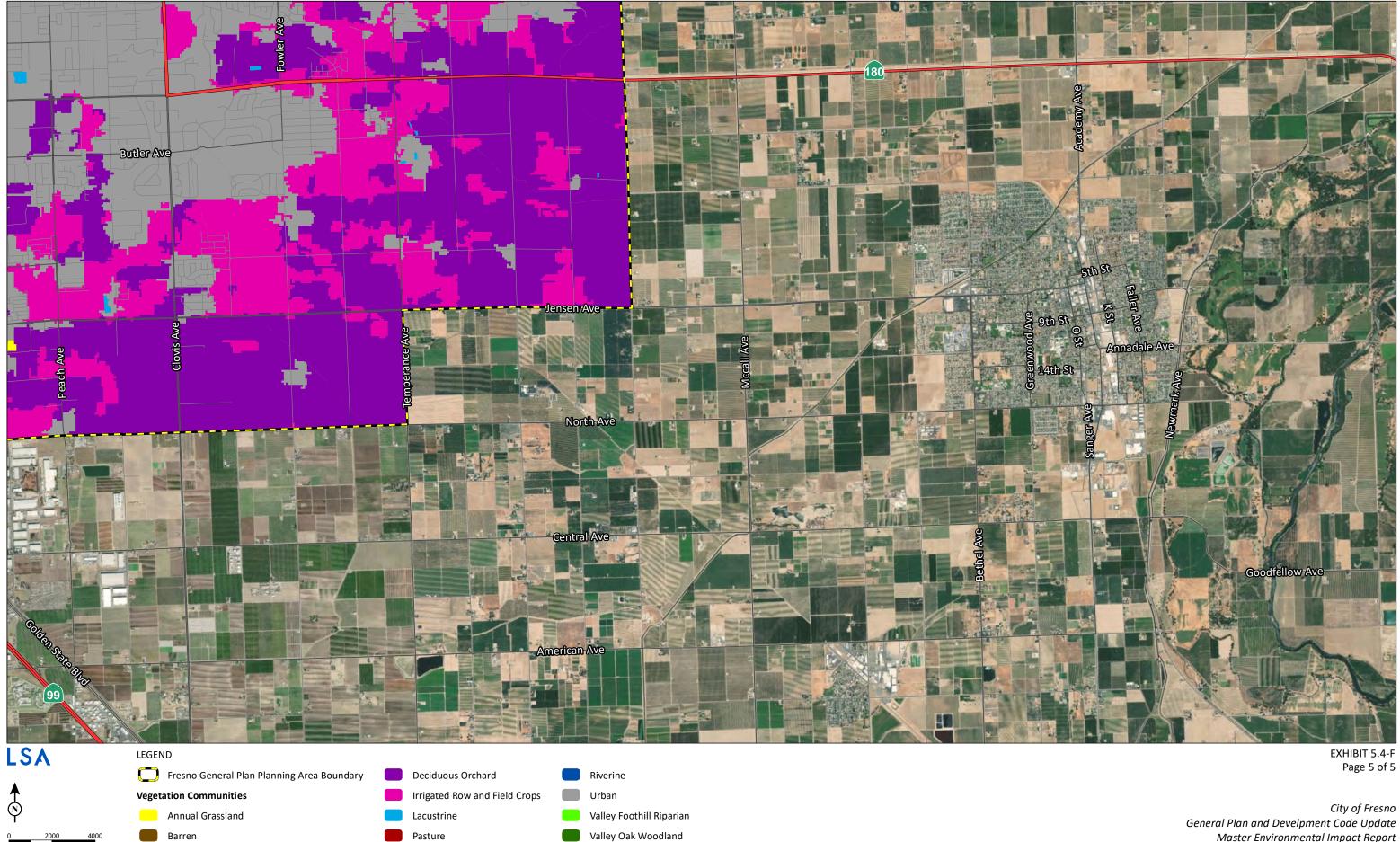
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Vegetation Communities Map



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Vegetation Communities Map



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Master Environmental Impact Report Vegetation Communities Map



California Department of Fish and Wildlife



California Natural Diversity Database

 Query Criteria:
 Quad IS (Little Table Mtn. (3711917) OR Millerton Lake West

 (3711916) OR Madera (3612081) OR Gregg (3611988)<span</th>

 style='color:Red'> OR Lanes Bridge (3611987) OR Friant (3611986) ORFresno North

 (3611977) OR Fresno South (3611967) OR Fresno North

 (3611977) OR Fresno South (3611967) OR Fresno North

 (3611977) OR Fresno South (3611967) OR Clovis (3611976)<span</th>

 style='color:Red'> OR Reindin (3611975) OR Kerman (3612061) OR Sanger

 (3611965) OR Raisin (3611958) OR Sanger

 (3611965) OR Raisin (3611958) OR Sanger

 (3611965) OR Conejo (3611956)

Ambystoma ca California tiger sa		9				Elemei	nt Code: AAAA	A01180
Listing Status:	Federal:	Threatened		CND	DB Element Ranks	: Global:	G2G3	
	State:	Threatened				State:	S2S3	
	Other:	CDFW_WL-Watch List, IUCN	I_VU-Vulnerab	le				
Habitat:	General:	CENTRAL VALLEY DPS FEI FEDERALLY LISTED AS EN		ED AS THRE	ATENED. SANTA BA	ARBARA AN	D SONOMA CO	DUNTIES DPS
	Micro:	NEED UNDERGROUND REI OTHER SEASONAL WATER				RROWS, AN	ID VERNAL PC	OLS OR
Occurrence No.	49	Map Index: 14529	EO Index:	28414		Element	Last Seen:	1974-04-02
Occ. Rank:	None		Presence:	Possibly Exti	rpated	Site Last	Seen:	1974-04-02
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown		Record L	ast Updated:	2017-06-15
Quad Summary:	Lanes Brid	dge (3611987), Gregg (3611988	3), Little Table	Mtn. (3711917))			
County Summary:	Madera							
Lat/Long:	36.99354	/ -119.87261			Accuracy:	nonspecific	area	
UTM:	Zone-11 N	4098014 E244355			Elevation (ft):	383		
PLSS:	T11S, R19	9E, Sec. 11, SE (M)			Acres:	1910.0		
Location:	THE GEN	ERAL AREA EAST OF ROAD	36 AND NORT	H OF AVE 16.	WEST OF FRIANT.			
Detailed Location:	3 SITES: N ROAD 38.	NE OF AVE 16 & ROAD 37; 0.5	MI NW OF A	/E 16 & ROAD	37; & 0.5 MI S AND	1.6 TO 2.6	MILES SW OF	HWY 145 &
Ecological:		IAL PHOTO SHOWS THAT TH DUNDING AREAS.	IIS AREA HAS	UNDERGONE	SIGNIFICANT DEV	ELOPMEN	T. THERE IS ST	TILL HABITAT
General:	L. DUNN F	FIELD NOTES #2 & 3 FROM 13	3 FEB 74 & NC	DTE #12 FROM	l 2 APRIL 1974.			
Owner/Manager:	UNKNOW	N						



California Department of Fish and Wildlife

California Natural Diversity Database



VERSUIT				•		
Occurrence No.	62	Map Index: 32802	EO Index:	32898	Element Last Seen:	1957-02-23
Occ. Rank:	None		Presence:	Extirpated	Site Last Seen:	1957-02-23
Осс. Туре:	Natural/Nati	ive occurrence	Trend:	Unknown	Record Last Updated:	2001-09-04
Quad Summary:	Millerton La	ke West (3711916), Little Ta	able Mtn. (37119	17), O'Neals (3711926), Knowl	es (3711927)	
County Summary:	Madera					
Lat/Long:	37.10284 / -	-119.73748		Accuracy:	nonspecific area	
UTM:	Zone-11 N4	109788 E256732		Elevation (ft):	1300	
PLSS:	T09S, R20E	E (M)		Acres:	4550.6	
Location:	SAN JOAQI	UIN EXPERIMENTAL RAN	GE, NEAR O'NE	ALS.		
Detailed Location:		RECORDS REFER TO COL IPHOUSE. JENNINGS COM		ASTURE #6 IN STREAM, UND OCATION EXTIRPATED.	ER NEST BOX, AND STREAM	I AT NORTH
Ecological:						
General:	MVZ SPEC (2/22/52). 5 11/30/50 & 2	FRESNO STATE COLLEG	(2/1/39), 54056 (3 E (FSC) MUSEL	3/14/51), 54066 & 54073-74 (4/ IM & FSC PRIVATE COLLECT	1/51), 55520-21 (11/6&20/51), ION SPECIMENS, COLLECTE	55862 D BETWEEN
Owner/Manager:		JOAQUIN EXP RANGE				
Occurrence No.	73	Map Index: 14822	EO Index:	28397	Element Last Seen:	1973-03-28
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1973-03-28
Осс. Туре:	Natural/Nati	ive occurrence	Trend:	Unknown	Record Last Updated:	2001-11-30
Quad Summary:	Millerton La	ke West (3711916)				
County Summary:	Madera					
Lat/Long:	37.02883 / -	-119.72515		Accuracy:	1 mile	
UTM:	Zone-11 N4	101544 E257593		Elevation (ft):	460	
PLSS:	T10S, R21E	E, Sec. 30, NW (M)		Acres:	0.0	
Location:	ABOUT 1.5	TO 2.0 MI NNW OF FRIAN	T ON RD 211. &	0.25 & 0.8 MI WEST OF RD 2	11. WEST OF MILLERTON LA	KE.
Detailed Location:			- ,			
Ecological:	2007 AERIA	AL PHOTO SHOWS THAT	THIS AREA IS S	TILL NATURAL HABITAT.		
General:	OBSERVED	D BY J. BRODE FIELD NOT	ΓES #184. MVZ 1	64871-72 COLLECTED BY R.	MARLOW & J. BRODE 25 MA	R 1973.
Owner/Manager:	UNKNOWN	I				
Occurrence No.	74	Map Index: 14778	EO Index:	28396	Element Last Seen:	1983-12-26
Occ. Rank:	Unknown	•	Presence:	Presumed Extant	Site Last Seen:	1983-12-26
Осс. Туре:	Natural/Nati	ive occurrence	Trend:	Unknown	Record Last Updated:	2002-08-21
Quad Summary:	Millerton I al	ke West (3711916)				
County Summary:	Madera					
Lat/Long:	37.01055 / -	-119.74277		Accuracy:	nonspecific area	
UTM:		1099560 E255967		Elevation (ft):	475	
PLSS:		E, Sec. 01 (M)		Acres:	56.2	
Location:			RDS 211 (AKA F	RD 145) & 206, WNW OF FRIA		
Detailed Location:	0.1 & 0.0 Mi					
Ecological:						
General:		FIFI D NOTES #180 & 182	28 MAR 1973 M	IVZ #227101 COLLECTED 26	DEC 1983 BY R MACEY	
Owner/Manager:	UNKNOWN					
Jwnen/wanager:	UNKINUVVIN	1				

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California Department of Fish and Wildlife

California Natural Diversity Database



Occurrence No.	76	Map Index: 37893	EO Index:	32900	Element Last Seen:	1973-03-28
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1973-03-28
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2009-06-17
Quad Summary:	Friant (36119	986)				
County Summary:	Fresno					
_at/Long:	36.98483 / -1	119.66352		Accuracy:	3/5 mile	
UTM:	Zone-11 N40	096505 E262939		Elevation (ft):	680	
PLSS:	T11S, R21E,	, Sec. 10 (M)		Acres:	0.0	
Location:	ALONG MILI	LERTON ROAD, SOUTH C	OF MILLERTON	LAKE STATE RECREATION AR	EA, EAST OF FRIANT.	
Detailed Location:						
Ecological:	2009 AERIA	L PHOTO SHOWS THAT 1	THIS AREA IS S	TILL NATURAL HABITAT WITH I	MINIMAL DISTURBANCES.	
General:	J. BRODE FI	IELD NOTES #186.				
Owner/Manager:	UNKNOWN					
Occurrence No.	90	Map Index: 14700	EO Index:	28382	Element Last Seen:	1973-04-X>
Dcc. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1973-04-X>
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2010-04-08
Quad Summary:	Little Table N	<i>I</i> tn. (3711917)				
County Summary:	Madera	х <i>у</i>				
_at/Long:	37.10143 / -1	119.78651		Accuracy:	1/10 mile	
•						
•	Zone-11 N41	109759 E252370		Elevation (ft):	1000	
JTM:		109759 E252370 , Sec. 33, SE (M)		Elevation (ft): Acres:	1000 0.0	
JTM: PLSS:	T09S, R20E,	, Sec. 33, SE (M)	MI W OF JUNCT		0.0	т.
JTM: PLSS: Location:	T09S, R20E,	, Sec. 33, SE (M)	MI W OF JUNCT	Acres:	0.0	Т.
UTM: PLSS: Location: Detailed Location: Ecological:	T09S, R20E, POND ON N SMALL PON	, Sec. 33, SE (M) I SIDE OF ROAD 406, 2.3 I ID DRAINED BY CREEK. 2		Acres:	0.0 ATELY 9 MI NNW OF FRIAN	
UTM: PLSS: Location: Detailed Location: Ecological:	T09S, R20E, POND ON N SMALL PON MINIMAL DIS	, Sec. 33, SE (M) I SIDE OF ROAD 406, 2.3 I		Acres:	0.0 ATELY 9 MI NNW OF FRIAN	
JTM: PLSS: Location: Detailed Location: Ecological: General:	T09S, R20E, POND ON N SMALL PON MINIMAL DIS	, Sec. 33, SE (M) I SIDE OF ROAD 406, 2.3 I ID DRAINED BY CREEK. 2 STURBANCE.		Acres:	0.0 ATELY 9 MI NNW OF FRIAN	
JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager:	T09S, R20E, POND ON N SMALL PON MINIMAL DIS LARVAE OB UNKNOWN	, Sec. 33, SE (M) I SIDE OF ROAD 406, 2.3 I ID DRAINED BY CREEK. 2 STURBANCE. ISERVED BY L. DUNN.	2007 AERIAL PH	Acres: TION WITH HWY 41, APPROXIM	0.0 ATELY 9 MI NNW OF FRIAN S STILL NATURAL HABITA	T WITH
JTM: PLSS: Detailed Location: Ecological: General: Dwner/Manager: Doccurrence No.	T09S, R20E, POND ON N SMALL PON MINIMAL DIS LARVAE OB UNKNOWN 91	, Sec. 33, SE (M) I SIDE OF ROAD 406, 2.3 I ID DRAINED BY CREEK. 2 STURBANCE.	2007 AERIAL PH	Acres: ION WITH HWY 41, APPROXIM OTO SHOWS THAT THIS AREA 28383	0.0 ATELY 9 MI NNW OF FRIAN IS STILL NATURAL HABITA Element Last Seen:	T WITH 2005-04-21
JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank:	T09S, R20E, POND ON N SMALL PON MINIMAL DIS LARVAE OB UNKNOWN 91 Unknown	, Sec. 33, SE (M) I SIDE OF ROAD 406, 2.3 I ID DRAINED BY CREEK. 2 STURBANCE. ISERVED BY L. DUNN. Map Index: 14875	2007 AERIAL PH EO Index: Presence:	Acres: TION WITH HWY 41, APPROXIM TOTO SHOWS THAT THIS AREA 28383 Presumed Extant	0.0 ATELY 9 MI NNW OF FRIAN IS STILL NATURAL HABITA Element Last Seen: Site Last Seen:	T WITH 2005-04-21 2005-04-21
JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank:	T09S, R20E, POND ON N SMALL PON MINIMAL DIS LARVAE OB UNKNOWN 91 Unknown	, Sec. 33, SE (M) I SIDE OF ROAD 406, 2.3 I ID DRAINED BY CREEK. 2 STURBANCE. ISERVED BY L. DUNN.	2007 AERIAL PH	Acres: ION WITH HWY 41, APPROXIM OTO SHOWS THAT THIS AREA 28383	0.0 ATELY 9 MI NNW OF FRIAN IS STILL NATURAL HABITA Element Last Seen:	T WITH 2005-04-21 2005-04-21
JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type:	T09S, R20E, POND ON N SMALL PON MINIMAL DIS LARVAE OB UNKNOWN 91 Unknown	, Sec. 33, SE (M) I SIDE OF ROAD 406, 2.3 I ID DRAINED BY CREEK. 2 STURBANCE. ISERVED BY L. DUNN. Map Index: 14875 // e occurrence	2007 AERIAL PH EO Index: Presence:	Acres: TION WITH HWY 41, APPROXIM TOTO SHOWS THAT THIS AREA 28383 Presumed Extant	0.0 ATELY 9 MI NNW OF FRIAN IS STILL NATURAL HABITA Element Last Seen: Site Last Seen:	T WITH 2005-04-21 2005-04-21
JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary:	T09S, R20E, POND ON N SMALL PON MINIMAL DIS LARVAE OB UNKNOWN 91 Unknown Natural/Nativ	, Sec. 33, SE (M) I SIDE OF ROAD 406, 2.3 I ID DRAINED BY CREEK. 2 STURBANCE. ISERVED BY L. DUNN. Map Index: 14875 // e occurrence	2007 AERIAL PH EO Index: Presence:	Acres: TION WITH HWY 41, APPROXIM TOTO SHOWS THAT THIS AREA 28383 Presumed Extant	0.0 ATELY 9 MI NNW OF FRIAN IS STILL NATURAL HABITA Element Last Seen: Site Last Seen:	T WITH 2005-04-21 2005-04-21
UTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary:	T09S, R20E, POND ON N SMALL PON MINIMAL DIS LARVAE OB UNKNOWN 91 Unknown Natural/Nativ Friant (36115	, Sec. 33, SE (M) I SIDE OF ROAD 406, 2.3 I ID DRAINED BY CREEK. 2 STURBANCE. ISERVED BY L. DUNN. Map Index: 14875 //e occurrence	2007 AERIAL PH EO Index: Presence:	Acres: TION WITH HWY 41, APPROXIM TOTO SHOWS THAT THIS AREA 28383 Presumed Extant	0.0 ATELY 9 MI NNW OF FRIAN IS STILL NATURAL HABITA Element Last Seen: Site Last Seen:	T WITH 2005-04-21 2005-04-21
JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long:	T09S, R20E, POND ON N SMALL PON MINIMAL DIS LARVAE OB UNKNOWN 91 UNKNOWN 91 Unknown Natural/Nativ Friant (36115 Fresno 36.95062 / -1	, Sec. 33, SE (M) I SIDE OF ROAD 406, 2.3 I ID DRAINED BY CREEK. 2 STURBANCE. ISERVED BY L. DUNN. Map Index: 14875 //e occurrence	2007 AERIAL PH EO Index: Presence:	Acres: ION WITH HWY 41, APPROXIM OTO SHOWS THAT THIS AREA 28383 Presumed Extant Unknown	0.0 ATELY 9 MI NNW OF FRIAN IS STILL NATURAL HABITA Element Last Seen: Site Last Seen: Record Last Updated:	T WITH 2005-04-21 2005-04-21
JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager: Doccurrence No. Docc. Rank: Docc. Type: Quad Summary: County Summary: Lat/Long: JTM:	T09S, R20E, POND ON N SMALL PON MINIMAL DIS LARVAE OB UNKNOWN 91 Unknown Natural/Nativ Friant (36119 Fresno 36.95062 / -1 Zone-11 N40	, Sec. 33, SE (M) I SIDE OF ROAD 406, 2.3 I ID DRAINED BY CREEK. 2 STURBANCE. ISERVED BY L. DUNN. Map Index: 14875 //e occurrence 986)	2007 AERIAL PH EO Index: Presence:	Acres: TION WITH HWY 41, APPROXIM OTO SHOWS THAT THIS AREA 28383 Presumed Extant Unknown Accuracy:	0.0 ATELY 9 MI NNW OF FRIAN A IS STILL NATURAL HABITA Element Last Seen: Site Last Seen: Record Last Updated: specific area	
UTM: PLSS: Location: Detailed Location:	T09S, R20E, POND ON N SMALL PON MINIMAL DIS LARVAE OB UNKNOWN 91 UNKNOWN 91 UNKNOWN 91 UNKNOWN 91 Sriant (36115 Fresno 36.95062 / -1 Zone-11 N40 T11S, R21E,	, Sec. 33, SE (M) I SIDE OF ROAD 406, 2.3 I ID DRAINED BY CREEK. 2 STURBANCE. ISERVED BY L. DUNN. Map Index: 14875 /e occurrence 986) 119.69310 092784 E260198 , Sec. 29, NE (M) AST SIDE OF FRIANT-KEI	2007 AERIAL PH EO Index: Presence: Trend:	Acres: ION WITH HWY 41, APPROXIM OTO SHOWS THAT THIS AREA 28383 Presumed Extant Unknown Accuracy: Elevation (ft):	0.0 ATELY 9 MI NNW OF FRIAN AIS STILL NATURAL HABITA Element Last Seen: Site Last Seen: Record Last Updated: specific area 475 5.0	T WITH 2005-04-21 2005-04-21 2008-09-09
JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager: Doccurrence No. Docc. Rank: Docc. Type: Quad Summary: County Summary: Location: Location:	T09S, R20E, POND ON N SMALL PON MINIMAL DIS LARVAE OB UNKNOWN 91 Unknown Natural/Nativ Friant (36119 Fresno 36.95062 / -1 Zone-11 N40 T11S, R21E, POOL ON E, SE OF FRIA 1974 OBS D OF FRIANT-	, Sec. 33, SE (M) I SIDE OF ROAD 406, 2.3 I ID DRAINED BY CREEK. 2 STURBANCE. ISERVED BY L. DUNN. Map Index: 14875 // occurrence 986) 119.69310 092784 E260198 , Sec. 29, NE (M) AST SIDE OF FRIANT-KEI NT. IESCRIBED AS "VERNAL F KERN CANAL" (DUNN PO	2007 AERIAL PH EO Index: Presence: Trend: RN CANAL AT M	Acres: TION WITH HWY 41, APPROXIM OTO SHOWS THAT THIS AREA 28383 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	0.0 ATELY 9 MI NNW OF FRIAN AIS STILL NATURAL HABITA Element Last Seen: Site Last Seen: Record Last Updated: specific area 475 5.0 W OF THE CANAL/AUBERRY	T WITH 2005-04-21 2008-09-09 Y RD X-ING, ON E SIDE
JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager: Doccurrence No. Docc. Rank: Docc. Type: Quad Summary: County Summary: Location: Detailed Location: Detailed Location:	T09S, R20E, POND ON N SMALL PON MINIMAL DIS LARVAE OB UNKNOWN 91 Unknown Natural/Nativ Friant (36119 Fresno 36.95062 / -1 Zone-11 N40 T11S, R21E, SE OF FRIA 1974 OBS D OF FRIANT- SIMILAR TO	, Sec. 33, SE (M) I SIDE OF ROAD 406, 2.3 I ID DRAINED BY CREEK. 2 STURBANCE. SERVED BY L. DUNN. Map Index: 14875 // occurrence 986) 119.69310 092784 E260198 , Sec. 29, NE (M) AST SIDE OF FRIANT-KEI NT. ESCRIBED AS "VERNAL F KERN CANAL" (DUNN PO	2007 AERIAL PH EO Index: Presence: Trend: RN CANAL AT M POND ABOUT 0 ND #5). REMAP	Acres: ION WITH HWY 41, APPROXIM OTO SHOWS THAT THIS AREA 28383 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: 11LEPOST 003.73, 1 AIR MILE N .12 ACRE & 3-4 FT DEEP, APPF	0.0 ATELY 9 MI NNW OF FRIAN S IS STILL NATURAL HABITA Element Last Seen: Site Last Seen: Record Last Updated: specific area 475 5.0 W OF THE CANAL/AUBERR ROX 2.5 MI SSW OF FRIANT, ATES (SITE ID FKC-L-003.73	T WITH 2005-04-21 2005-04-21 2008-09-09 Y RD X-ING, Y RD X-ING, ON E SIDE .1) WHICH IS
JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS:	T09S, R20E, POND ON N SMALL PON MINIMAL DIS LARVAE OB UNKNOWN 91 Unknown Natural/Nativ Friant (36115 Fresno 36.95062 / -1 Zone-11 N40 T11S, R21E, POOL ON E, SE OF FRIA 1974 OBS D OF FRIANT- SIMILAR TO CATTLE PRI	, Sec. 33, SE (M) I SIDE OF ROAD 406, 2.3 I ID DRAINED BY CREEK. 2 STURBANCE. SERVED BY L. DUNN. Map Index: 14875 /e occurrence 986) 119.69310 092784 E260198 , Sec. 29, NE (M) AST SIDE OF FRIANT-KEI NT. IESCRIBED AS "VERNAL F KERN CANAL" (DUNN PO 0 DUNN'S MAP. ESENT (1974). HABITAT D	EO Index: Presence: Trend: RN CANAL AT M POND ABOUT 0 ND #5). REMAP	Acres: TION WITH HWY 41, APPROXIM OTO SHOWS THAT THIS AREA 28383 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: MILEPOST 003.73, 1 AIR MILE N 12 ACRE & 3-4 FT DEEP, APPR PED TO 2005 ESRP COORDIN/	0.0 ATELY 9 MI NNW OF FRIAN IS STILL NATURAL HABITA Element Last Seen: Site Last Seen: Record Last Updated: specific area 475 5.0 W OF THE CANAL/AUBERR' ROX 2.5 MI SSW OF FRIANT, ATES (SITE ID FKC-L-003.73 H CATTLE DISTURBANCE (2)	T WITH 2005-04-21 2005-04-21 2008-09-09 Y RD X-ING, Y RD X-ING, ON E SIDE .1) WHICH IS

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Occurrence No.	93	Map Index: 14918	EO Index:	28376	Element Last Seen:	1974-05-01
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1974-05-01
Occ. Type:	Natural/Nativ	e occurrence	Trend:	Unknown	Record Last Updated:	2009-06-17
Quad Summary:	Friant (36119	900)				
County Summary:	Fresno					
Lat/Long:	36.96216 / -1	19.66070		Accuracy:	1 mile	
UTM:	Zone-11 N40	93983 E263120		Elevation (ft):	600	
PLSS:	T11S, R21E,	Sec. 22, NE (M)		Acres:	0.0	
Location:	3.4 ROAD M	ILES ON DIRT ROAD OFF	MILLERTON R	D, 3 AIR MILES SE OF FRIANT.		
Detailed Location:						
Ecological:	VERNAL PO DISTURBAN		SHOWS THAT	THIS AREA IS STILL PRIMARIL	Y NATURAL HABITAT WITH	MINIMAL
General:	L. DUNN FIE	LD NOTES #13.				
Owner/Manager:	UNKNOWN					
Occurrence No.	94	Map Index: 14592	EO Index:	28380	Element Last Seen:	1995-04-04
Occ. Rank:			_			
Occ. Rank.	Excellent		Presence:	Presumed Extant	Site Last Seen:	1995-04-04
Осс. Туре:		re occurrence	Presence: Trend:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	1995-04-04 2012-01-20
Осс. Туре:	Natural/Nativ					
Occ. Type: Quad Summary:	Natural/Nativ	9 (3611987)				
Occ. Type: Quad Summary: County Summary:	Natural/Nativ Lanes Bridge Madera 36.96855 / -1	9 (3611987)		Unknown	Record Last Updated:	
Occ. Type: Quad Summary: County Summary: Lat/Long:	Natural/Nativ Lanes Bridge Madera 36.96855 / -1 Zone-11 N40	e (3611987) 19.84268		Unknown Accuracy:	Record Last Updated:	
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Natural/Nativ Lanes Bridge Madera 36.96855 / -1 Zone-11 N40 T11S, R19E,	e (3611987) 19.84268 995160 E246936 Sec. 13, SE (M)	Trend:	Unknown Accuracy: Elevation (ft):	Record Last Updated: nonspecific area 375	
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Natural/Nativ Lanes Bridge Madera 36.96855 / -1 Zone-11 N40 T11S, R19E, 2-3 MI W OF SITE IS LOC	e (3611987) 19.84268 995160 E246936 Sec. 13, SE (M) HWY 41 ON THE N SIDE C	Trend: DF AVE 15, W 0 PIECE OF PR0	Unknown Accuracy: Elevation (ft): Acres:	Record Last Updated: nonspecific area 375 127.6	2012-01-20
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Natural/Nativ Lanes Bridge Madera 36.96855 / -1 Zone-11 N40 T11S, R19E, 2-3 MI W OF SITE IS LOC MESA AND O HABITAT DE	2 (3611987) 19.84268 995160 E246936 Sec. 13, SE (M) HWY 41 ON THE N SIDE C ATED ON A SIX-SECTION CASTLE COOK DEVELOPN ESCRIBED AS CLAYPAN VI CAPHIOPUS HAMMONDII, I	Trend: DF AVE 15, W (PIECE OF PRO MENT. ERNAL POOLS	Unknown Accuracy: Elevation (ft): Acres: DF LITTLE TABLE MOUNTAIN.	Record Last Updated: nonspecific area 375 127.6 R TWO PROPOSED NEW CI RASSLAND. OTHER TAXA P	2012-01-20 TIES, RIO PRESENT
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Natural/Nativ Lanes Bridge Madera 36.96855 / -1 Zone-11 N40 T11S, R19E, 2-3 MI W OF SITE IS LOC MESA AND O HABITAT DE INCLUDE SC OCCIDENTA UNKNOWN	(3611987) (3611987) (95160 E246936 Sec. 13, SE (M) HWY 41 ON THE N SIDE C ATED ON A SIX-SECTION CASTLE COOK DEVELOPN SCRIBED AS CLAYPAN VI CAPHIOPUS HAMMONDII, I LIS. NUMBER OBSERVED ON 2	Trend: DF AVE 15, W (PIECE OF PRO MENT. ERNAL POOLS BUFO BOREAS 2 APR 1974, 3 1	Unknown Accuracy: Elevation (ft): Acres: DF LITTLE TABLE MOUNTAIN. DPERTY WHICH IS QUITE NEA S & SWALES IN NON-NATIVE G	Record Last Updated: nonspecific area 375 127.6 R TWO PROPOSED NEW CI RASSLAND. OTHER TAXA P CTA LYNCHI, & LINDERIELL LD NOTES #11). UNKNOWN	2012-01-20 TIES, RIO RESENT A NUMBER



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Occurrence No.	96	Map Index: 14515	EO Index:	28379	Element Last Seen:	1983-12-26
Occ. Rank:	None		Presence:	Possibly Extirpated	Site Last Seen:	1983-12-26
Осс. Туре:	Natural/Nati	ive occurrence	Trend:	Unknown	Record Last Updated:	2012-01-20
Quad Summary:	Gregg (361	1988)				
County Summary:	Madera					
Lat/Long:	36.96910/-	-119.89127		Accuracy:	1/5 mile	
UTM:	Zone-11 N4	1095352 E242611		Elevation (ft): 340	
PLSS:	T11S, R19E	E, Sec. 15, SW (M)		Acres:	0.0	
Location:	NE OF JUN	ICTION OF AVENUE 15 AN	D ROAD 36, API	PROXIMATELY 10 AIR MIL	ES WEST OF FRIANT.	
Detailed Location:	INCLUDES	1983 RECORD FROM 5.5	MILES WEST OF	HWY 41 ON AVENUE 15.		
Ecological:	DEVELOP		LOTS). HOWEVE		C 21) HAVE UNDERGONE SIGN S TO BE HABITAT IN SURROUN	
General:	L. DUNN FI	IELD NOTES #1 FROM 13 F	-EB 1974. MVZ #	227102 COLLECTED 26 D	EC 1983 BY R. MACEY.	
Owner/Manager:	UNKNOWN	1				
Occurrence No.	124	Map Index: 32551	EO Index:	1755	Element Last Seen:	1992-XX-XX
Occ. Rank:	None		Presence:	Possibly Extirpated	Site Last Seen:	1992-XX-XX
Осс. Туре:	Natural/Nati	ive occurrence	Trend:	Unknown	Record Last Updated:	2009-05-29
Quad Summary:	Friant (3611	1986)				
County Summary:	Fresno					
Lat/Long:	36.91077 / -	-119.73529		Accuracy:	specific area	
UTM:	Zone-11 N4	1088468 E256314		Elevation (ft): 375	
PLSS:	T12S, R20E	E, Sec. 01, SE (M)		Acres:	5.6	
Location:	1.2 KM SOL	UTH OF WILLOW AVENUE	X FRIANT ROAD	D; 10 KM SSW OF FRIANT.		
Detailed Location:	3 POOLS A	T SITE: 1 LARGE POOL IN	NORTHERN RE	GION AND 2 SMALL POOL	S IN SOUTHERN REGION.	
Ecological:	TOPOGRA		STRUCTION OF		NON-NATIVE GRASSLAND. ROLL 9 AERIAL PHOTO SHOWS SITE I	
General:	"MANY" OB	SERVED; WESTERN SPA	DEFOOT TOAD	AND BRANCHINECTA LYN	ICHI ALSO OBSERVED AT SITE.	
Owner/Manager:						
	PVT					
Occurrence No.	125	Map Index: 22172	EO Index:	18452	Element Last Seen:	1992-XX-XX
		Map Index: 22172	EO Index: Presence:	18452 Presumed Extant	Element Last Seen: Site Last Seen:	
Occ. Rank:	125 Fair	Map Index: 22172				
Occ. Rank: Occ. Type:	125 Fair	ive occurrence	Presence:	Presumed Extant	Site Last Seen:	1992-XX-XX
Occ. Rank: Occ. Type: Quad Summary:	125 Fair Natural/Nati	ive occurrence	Presence:	Presumed Extant	Site Last Seen:	1992-XX-X>
Occ. Rank: Occ. Type: Quad Summary: County Summary:	125 Fair Natural/Nati Friant (3611	ive occurrence 1986)	Presence:	Presumed Extant	Site Last Seen:	1992-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	125 Fair Natural/Nati Friant (3611 Fresno 36.98955 / -	ive occurrence 1986)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated: 80 meters	1992-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	125 Fair Natural/Nati Friant (3611 Fresno 36.989555 / - Zone-11 N4	ive occurrence 1986) -119.69674	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: 80 meters	1992-XX-X>
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	125 Fair Natural/Nati Friant (3611 Fresno 36.98955 / - Zone-11 N4 T11S, R21E	ive occurrence 1986) -119.69674 4097113 E259997	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (f Acres:	Site Last Seen: Record Last Updated: 80 meters ft): 580	1992-XX-X>
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	125 Fair Natural/Nati Friant (3611 Fresno 36.98955 / - Zone-11 N4 T11S, R21E	ive occurrence 1986) -119.69674 4097113 E259997 E, Sec. 08, NE (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (f Acres:	Site Last Seen: Record Last Updated: 80 meters ft): 580	1992-XX-X>
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	125 Fair Natural/Nati Friant (3611 Fresno 36.98955 / - Zone-11 N4 T11S, R21E ON THE SC	ive occurrence 1986) -119.69674 4097113 E259997 E, Sec. 08, NE (M)	Presence: Trend: N ROAD, 0.75 MI	Presumed Extant Unknown Accuracy: Elevation (f Acres: LE EAST OF FRIANT.	Site Last Seen: Record Last Updated: 80 meters ft): 580 0.0	1992-XX-X>
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General:	125 Fair Natural/Nati Friant (3611 Fresno 36.98955 / - Zone-11 N4 T11S, R21E ON THE SC	ive occurrence 1986) -119.69674 4097113 E259997 E, Sec. 08, NE (M) DUTH SIDE OF MILLERTON	Presence: Trend: N ROAD, 0.75 MI	Presumed Extant Unknown Accuracy: Elevation (f Acres: LE EAST OF FRIANT.	Site Last Seen: Record Last Updated: 80 meters ft): 580 0.0	1992-XX-XX 1992-XX-XX 1993-02-18

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Occurrence No.	126	Map Index: 22173	EO Index:	27243	Element Last Seen:	2008-03-13
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2008-03-19
Осс. Туре:	Natural/Nat	ive occurrence	Trend:	Unknown	Record Last Updated:	2008-12-03
Quad Summary:	Friant (361	1986)				
County Summary:	Fresno					
Lat/Long:	36.98523 /	-119.68572		Accuracy:	1/5 mile	
UTM:	Zone-11 N4	1096605 E260964		Elevation (ft):	575	
PLSS:	T11S, R21	E, Sec. 09, SW (M)		Acres:	0.0	
Location:	ON THE SO	OUTH SIDE OF MILLERTON	NROAD, 1.25 MI	LES EAST OF FRIANT.		
Detailed Location:						
Ecological:	VERNAL P		AGE DEPTH OF	NDED BY NON-NATIVE GRASS 2 INCHES. VISIBLE DISTURB		
General:				OBSERVED IN ONE VERNAL P MAR 2008.	OOL WITHIN VERNAL POOL	/SWALE
	COMPLEX	ON 13 MAR 2008. POOL W.				
Owner/Manager:		ERTON LAKE SRA				
Owner/Manager: Occurrence No.			EO Index:	18450	Element Last Seen:	2008-03-12
5	DPR-MILLE	ERTON LAKE SRA			Element Last Seen: Site Last Seen:	2008-03-12 2008-03-12
Occurrence No.	DPR-MILLE 127 Excellent	ERTON LAKE SRA	EO Index:	18450		
Occurrence No. Occ. Rank:	DPR-MILLE 127 Excellent	ERTON LAKE SRA Map Index: 22171 ive occurrence	EO Index: Presence:	18450 Presumed Extant	Site Last Seen:	2008-03-12
Occurrence No. Occ. Rank: Occ. Type:	DPR-MILLE 127 Excellent Natural/Nat	ERTON LAKE SRA Map Index: 22171 ive occurrence	EO Index: Presence:	18450 Presumed Extant	Site Last Seen:	2008-03-12
Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	DPR-MILLE 127 Excellent Natural/Nat Friant (361	ERTON LAKE SRA Map Index: 22171 ive occurrence 1986)	EO Index: Presence:	18450 Presumed Extant	Site Last Seen:	2008-03-12
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	DPR-MILLE 127 Excellent Natural/Nat Friant (361 Fresno 36.97664 /	ERTON LAKE SRA Map Index: 22171 ive occurrence 1986)	EO Index: Presence:	18450 Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2008-03-12
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	DPR-MILLE 127 Excellent Natural/Nat Friant (361 Fresno 36.97664 / Zone-11 N4	Arron LAKE SRA Map Index: 22171 ive occurrence 1986) -119.71324	EO Index: Presence:	18450 Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: specific area	2008-03-12
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	DPR-MILLE 127 Excellent Natural/Nat Friant (361 Fresno 36.97664 / Zone-11 N4 T11S, R21E	ERTON LAKE SRA Map Index: 22171 ive occurrence 1986) -119.71324 4095722 E258487 E, Sec. 18 (M)	EO Index: Presence: Trend:	18450 Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: specific area 400 708.9	2008-03-12
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	DPR-MILLE 127 Excellent Natural/Nat Friant (361 Fresno 36.97664 / Zone-11 N4 T11S, R21E	ERTON LAKE SRA Map Index: 22171 ive occurrence 1986) -119.71324 4095722 E258487 E, Sec. 18 (M)	EO Index: Presence: Trend:	18450 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 400 708.9	2008-03-12
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	DPR-MILLE 127 Excellent Natural/Nat Friant (361 Fresno 36.97664 / Zone-11 N4 T11S, R21E BELOW FR SALAMANE	Ap Index: 22171 ive occurrence 1986) -119.71324 4095722 E258487 E, Sec. 18 (M) RIANT DAM. EAST OF FRIAM DERS FOUND IN AN EXTEN	EO Index: Presence: Trend: NT ROAD AND N	18450 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 400 708.9 CANAL, SOUTH OF FRIANT. D. SPADEFOOT TOADS ALS	2008-03-12 2008-09-11
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	DPR-MILLE 127 Excellent Natural/Nat Friant (361 Fresno 36.97664 / Zone-11 N4 T11S, R21E BELOW FR SALAMANE COMMON. MVZ 16487 19 MAR 19	Appindex: 22171 ive occurrence 1986) -119.71324 4095722 E258487 E, Sec. 18 (M) RIANT DAM. EAST OF FRIAN DERS FOUND IN AN EXTEN WESTERN TOAD LARVAE 25 COLL 25 MAR 1973 FROM	EO Index: Presence: Trend: NT ROAD AND N NSIVE VERNAL & LINDERIELLA M THIS AREA. 5	18450 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: NEST OF THE FRIANT-KERN C	Site Last Seen: Record Last Updated: specific area 400 708.9 CANAL, SOUTH OF FRIANT. D. SPADEFOOT TOADS ALS RVED. 0 JUV OBS IN 7 POOLS. 20+	2008-03-12 2008-09-11 O VERY LARVAE OBS



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Occurrence No.	135	Map Index: 24097	EO Index:	18715	Element Last Seen:	1993-03-17
Occ. Rank:	Excellent		Presence:	Presumed Extant	Site Last Seen:	1993-03-17
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown	Record Last Updated:	1993-09-08
Quad Summary:	Friant (3611	986)				
County Summary:	Fresno	,				
Lat/Long:	36.95557 / -	119.71450		Accuracy:	specific area	
UTM:	Zone-11 N4	093387 E258308		Elevation (ft):	440	
PLSS:	T11S, R21E	, Sec. 19, SE (M)		Acres:	32.7	
Location:	1 MILE ESE	OF LOST LAKE, 2 MILES S	SOUTH OF FRI	ANT.		
Detailed Location:						
Ecological:		ONSISTS OF A VERNAL PO DLZIA SP, ETC.		TY, VEGETATED BY PLAGIOB	OTHRYS SP, BRODIAEA PUI	LCHELLUM,
General:	5 JUVENILE	ES OBSERVED IN 1993.				
Owner/Manager:	UNKNOWN					
Occurrence No.	163	Map Index: 24430	EO Index:	6581	Element Last Seen:	2004-03-17
Occ. Rank:	Poor		Presence:	Presumed Extant	Site Last Seen:	2004-03-17
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2008-09-03
Occ. Type: Quad Summary:		ve occurrence e (3611987)	Trend:	Unknown	Record Last Updated:	2008-09-03
			Trend:	Unknown	Record Last Updated:	2008-09-03
Quad Summary: County Summary:	Lanes Bridg	e (3611987)	Trend:	Unknown Accuracy:	Record Last Updated:	2008-09-03
Quad Summary: County Summary:	Lanes Bridg Madera 36.96414 / -	e (3611987)	Trend:			2008-09-03
Quad Summary: County Summary: Lat/Long:	Lanes Bridg Madera 36.96414 / - Zone-11 N4	e (3611987) 119.76555	Trend:	Accuracy:	specific area	2008-09-03
Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Lanes Bridg Madera 36.96414 / - Zone-11 N4 T11S, R20E	e (3611987) 119.76555 094469 E253789 E, Sec. 23, NW (M) DERA CANAL, 0.3 MILE N (Accuracy: Elevation (ft):	specific area 439 8.0	
Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Lanes Bridg Madera 36.96414 / - Zone-11 N4 T11S, R20E ALONG MA OF THE FR	e (3611987) 119.76555 094469 E253789 5, Sec. 23, NW (M) DERA CANAL, 0.3 MILE N (IANT PO.	DF RD 204, ALC	Accuracy: Elevation (ft): Acres:	specific area 439 8.0 ABLE MOUNTAIN, ABOUT 3.	
Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Lanes Bridg Madera 36.96414 / - Zone-11 N4 T11S, R20E ALONG MA OF THE FR 2004: MAPF HABITAT IN	e (3611987) 119.76555 094469 E253789 5, Sec. 23, NW (M) DERA CANAL, 0.3 MILE N (IANT PO. PED TO PROVIDED COORE I 2004 DESCRIBED AS A C	DF RD 204, ALC DINATES; SITE LEAR VERNAL	Accuracy: Elevation (ft): Acres: DNG SOUTH END OF LITTLE T/	specific area 439 8.0 ABLE MOUNTAIN, ABOUT 3. IAL MILEPOST 005.66. (DAMMED BY ROAD); DRAI	1 MILES SW
Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Lanes Bridg Madera 36.96414 / - Zone-11 N4 T11S, R20E ALONG MA OF THE FR 2004: MAPF HABITAT IN CULVERT V FOR CTS. 1993: ONE & DATA NOT	III9.76555 094469 E253789 5, Sec. 23, NW (M) DERA CANAL, 0.3 MILE N (IANT PO. PED TO PROVIDED COORE 1 2004 DESCRIBED AS A C WHEN FULL; EMERGENT V JUVENILE OBSERVED; SIT	DF RD 204, ALC DINATES; SITE LEAR VERNAL 'EG INCL JUNC 'E QUALITY DIN	Accuracy: Elevation (ft): Acres: DNG SOUTH END OF LITTLE T/ NAME MAC-R-005.66.1 AT CAN POOL AT CANAL ROAD EDGE	specific area 439 8.0 ABLE MOUNTAIN, ABOUT 3. IAL MILEPOST 005.66. (DAMMED BY ROAD); DRAI ER CLEAR-BRACKISH & DE CKS PILED ALONG THE BAI	1 MILES SW NS INTO EP; GOOD NK. 2004:



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Occurrence No.	164	Map Index: 24601	EO Index:	6394		Element Last Seen:	1993-03-24
Occ. Rank:	Good		Presence:	Presumed Exta	ant	Site Last Seen:	1993-03-24
Осс. Туре:	Natural/Native	occurrence	Trend:	Unknown		Record Last Updated:	1993-09-16
Quad Summary:	Lanes Bridge (3611987)					
County Summary:	Madera						
Lat/Long:	36.99778 / -11	9.80560		l	Accuracy:	80 meters	
UTM:	Zone-11 N4098	8306 E250333		E	Elevation (ft):	420	
PLSS:	T11S, R20E, S	ec. 05, SE (M)		l	Acres:	0.0	
Location:	ALONG MADE MOUNTAIN.	RA CANAL, 0.6 MILE WES	ST OF HWY 41	I AND 2.2 MILES	S NORTH OF AV	ENUE 15, WEST OF LITTLE	TABLE
Detailed Location:							
Ecological:							
General:	ONE JUVENIL	E OBSERVED IN 1993.					
Owner/Manager:	USBOR						
Occurrence No.	222	Map Index: 25584	EO Index:	5486		Element Last Seen:	1991-04-15
Occ. Rank:	Unknown		Presence:	Presumed Exta	ant	Site Last Seen:	1991-04-15
Осс. Туре:	Natural/Native	occurrence	Trend:	Unknown		Record Last Updated:	2012-01-20
Qued Summers	. latara, latito						
Quad Summary:	Lanes Bridge (3611987)					
Quad Summary: County Summary:		3611987)					
•	Lanes Bridge (Accuracy:	1/5 mile	
County Summary:	Lanes Bridge (Madera	9.75621			Accuracy: Elevation (ft):	1/5 mile 440	
County Summary: Lat/Long:	Lanes Bridge (Madera 36.98806 / -11	9.75621 7099 E254698		E	•		
County Summary: Lat/Long: UTM:	Lanes Bridge (Madera 36.98806 / -119 Zone-11 N409 T11S, R20E, S	9.75621 7099 E254698	DUTH OF HWY	E /	Elevation (ft): Acres:	440 0.0	
County Summary: Lat/Long: UTM: PLSS:	Lanes Bridge (Madera 36.98806 / -119 Zone-11 N409 T11S, R20E, S WEST SIDE O	9.75621 7099 E254698 Sec. 11, SE (M)		E / 145, ON THE E	Elevation (ft): Acres:	440 0.0	
County Summary: Lat/Long: UTM: PLSS: Location:	Lanes Bridge (Madera 36.98806 / -119 Zone-11 N409 T11S, R20E, S WEST SIDE O SHAFFER SIT	9.75621 7099 E254698 Sec. 11, SE (M) F ROAD 204, 0.7 MILE SC	E URRUTINA I	E / 145, ON THE E	Elevation (ft): Acres:	440 0.0	
County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Lanes Bridge (Madera 36.98806 / -119 Zone-11 N409 T11S, R20E, S WEST SIDE O SHAFFER SIT HABITAT CON THERE IS A V	9.75621 7099 E254698 Sec. 11, SE (M) F ROAD 204, 0.7 MILE SC E #107. LOCATED ON TH ISISTS OF A VERNAL PO	E URRUTINA I OL. ORD OF CTS I	I 145, ON THE E RANCH. LARVA OBSERV	Elevation (ft): Acres: AST SIDE OF LI	440 0.0 TTLE TABLE MOUNTAIN.	3 MILES WEST



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		M I I 0.1500	501.1	5 407		
Occurrence No.	223	Map Index: 24599	EO Index:	5487 December 1 Externa	Element Last Seen:	2005-03-03
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2005-03-03
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown	Record Last Updated:	2012-01-20
Quad Summary:	Friant (3611	986), Lanes Bridge (361198	37)			
County Summary:	Madera					
Lat/Long:	36.97667 / -	119.75240		Accuracy:	specific area	
UTM:	Zone-11 N4	095826 E255000		Elevation (ft):	435	
PLSS:	T11S, R20E	, Sec. 14, NE (M)		Acres:	18.0	
Location:	IN THE ARE MOUNTAIN		ROAD 204, 1.5 N	AILES SOUTH OF HWY 145, O	N THE SE SIDE OF LITTLE T	ABLE
Detailed Location:				111; LOCATED ON THE URRU 4.06; POOL ID MAC-R-004.06.		T 0.1 MILE
Ecological:	HABITAT CO	ONSISTED OF AN ARTIFIC	IAL POND (199	1). 2005: TEA-COLORED VERI	NAL POOL.	
General: Owner/Manager:		PRESENT ON 15 APR 1991		N IN VERNAL POOL ABOUT 3 MASSES PRESENT ON 3 MAI		G SPRING
Occurrence No.	305	Map Index: 33052	EO Index:	3660	Element Last Seen:	1994-03-29
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1994-03-29
Occ. Type:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2009-06-18
Quad Summary:	Round Mour	ntain (3611975)			•	
County Summary:	Fresno	itain (5011975)				
Lat/Long:	36.83817 / -			Accuracy:	1/5 mile	
JTM:		080001 E270883		Elevation (ft):	420	
PLSS:	112S, R22E	, Sec. 33, SE (M)		Acres:	0.0	
Location:	NORTH SID	E OF HERNDON AVENUE,	, 0.75 MILE WE	ST OF ACADEMY AVENUE, 6 I	MILES EAST OF CLOVIS.	
Detailed Location:						
Ecological:	2009 AERIA	L PHOTO SHOWS AREA S	SOUTH OF HER	NDON AVENUE IS NOW LOW	DENSITY RESIDENTIAL.	
General:	COLLECTIC	0N #MW-94-08 AND #MW-9	4-09, DEPOSIT	ED AT UCD. CAS #199409, LA	RVA.	
Owner/Manager:	UNKNOWN					
Occurrence No.	319	Map Index: 33071	EO Index:	3684	Element Last Seen:	1994-04-12
Occ. Rank:	Unknown	•	Presence:	Presumed Extant	Site Last Seen:	1994-04-12
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2001-09-10
Quad Summary:	Millerton I al	ke West (3711916)			•	
County Summary:	Madera	(er 11010)				
Lat/Long:	37.05823 / -	119.72122		Accuracy:	80 meters	
UTM:	Zone-11 N4	104796 E258036		Elevation (ft):	600	
PLSS:	T10S, R21E	, Sec. 18, SE (M)		Acres:	0.0	
Location:			WEST OF ROA	D 211, 3 MILES NW OF MILLE		
Detailed Location:		C OF NOAD 200, 0.4 MILL	WEDT OF ROA	5211, 5 WILLO INVO OF WILLE		
Ecological:						
General:		DN #MW-94-35, DEPOSITEI		CAS #199422 AR\/A		
Owner/Manager:	UNKNOWN					
C michianayer.						

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Occurrence No.	320	Map Index: 33072	EO Index:	3683	Element Last Seen:	2008-01-04
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2008-01-04
Осс. Туре:	Natural/Nati	ive occurrence	Trend:	Unknown	Record Last Updated:	2008-09-11
Quad Summary:	Millerton La	ke West (3711916)				
County Summary:	Madera					
Lat/Long:	37.00451 / -	-119.73579		Accuracy:	nonspecific area	
UTM:	Zone-11 N4	098872 E256568		Elevation (ft):	490	
PLSS:	T11S, R20E	E, Sec. 01, NE (M)		Acres:	10.0	
Location:	EAST AND	WEST SIDE OF ROAD 206,	0.4 MILE SOU	TH OF ROAD 145, 1.5 MILES W	EST OF FRIANT DAM (MILLE	ERTON LAKE
Detailed Location:						
Ecological:	ANNUAL G	RASSLANDS WITH LIGHT-I	MEDIUM DENS	ITY CATTLE GRAZING.		
General:	ADULT FOU			ND #RS-94-05, DEPOSITED AT TART OF HEAVY RAINS, AT AI		
	DOR.					
Owner/Manager:	DOR. UNKNOWN	I				
-	-	Map Index: 33076	EO Index:	19891	Element Last Seen:	1994-03-30
Dccurrence No.	UNKNOWN		EO Index: Presence:	19891 Presumed Extant	Element Last Seen: Site Last Seen:	
Occurrence No. Occ. Rank:	UNKNOWN 322 Good					1994-03-30
Occurrence No. Occ. Rank: Occ. Type:	UNKNOWN 322 Good	Map Index: 33076	Presence:	Presumed Extant	Site Last Seen:	1994-03-30 1994-03-30 2001-09-10
Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary:	UNKNOWN 322 Good Natural/Nati	Map Index: 33076	Presence:	Presumed Extant	Site Last Seen:	1994-03-30
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	UNKNOWN 322 Good Natural/Nati Friant (3611	Map Index: 33076 ive occurrence 1986)	Presence:	Presumed Extant	Site Last Seen:	1994-03-30
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	UNKNOWN 322 Good Natural/Nati Friant (3611 Fresno 36.96660 / -	Map Index: 33076 ive occurrence 1986)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	1994-03-30
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	UNKNOWN 322 Good Natural/Nati Friant (3611 Fresno 36.96660 / - Zone-11 N4	Map Index: 33076 ive occurrence 1986) -119.63658	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: specific area	1994-03-30
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	UNKNOWN 322 Good Natural/Nati Friant (3611 Fresno 36.96660 / - Zone-11 N4 T11S, R21E	Map Index: 33076 ive occurrence 1986) -119.63658 1094416 E265281 E, Sec. 13, SW (M) DE OF AUBERRY ROAD, 0.6	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: specific area 660 9.7	1994-03-30 2001-09-10
Deccurrence No. Decc. Rank: Decc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS: Location:	UNKNOWN 322 Good Natural/Nati Friant (3611 Fresno 36.96660 / - Zone-11 N4 T11S, R21E NORTH SIE ESE OF FR	Map Index: 33076 ive occurrence 1986) -119.63658 1094416 E265281 E, Sec. 13, SW (M) DE OF AUBERRY ROAD, 0.6	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: /EST OF MILLERTON ROAD JU	Site Last Seen: Record Last Updated: specific area 660 9.7	1994-03-30 2001-09-10
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	UNKNOWN 322 Good Natural/Nati Friant (3611 Fresno 36.96660 / - Zone-11 N4 T11S, R21E NORTH SIE ESE OF FR 2 VERNAL	Map Index: 33076 ive occurrence 1986) -119.63658 4094416 E265281 E, Sec. 13, SW (M) DE OF AUBERRY ROAD, 0.6 NANT. POOLS NEAR ROAD AND C	Presence: Trend: 6 ROAD MILE W	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: /EST OF MILLERTON ROAD JU	Site Last Seen: Record Last Updated: specific area 660 9.7 INCTION, APPROXIMATELY	1994-03-30 2001-09-10
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	UNKNOWN 322 Good Natural/Nati Friant (3611 Fresno 36.96660 / - Zone-11 N4 T11S, R21E NORTH SIE ESE OF FR 2 VERNAL PC COLLECTIO	Map Index: 33076 ive occurrence 1986) -119.63658 094416 E265281 E, Sec. 13, SW (M) DE OF AUBERRY ROAD, 0.6 HANT. POOLS NEAR ROAD AND O OOLS IN BLUE OAK WOOD DN #RS-94-06, DEPOSITED GOBSERVED (1994). POOL	Presence: Trend: 6 ROAD MILE W DLD RAILROAD LAND, AUGMEI AT DFG-IFD, A	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: /EST OF MILLERTON ROAD JU GRADE.	Site Last Seen: Record Last Updated: specific area 660 9.7 INCTION, APPROXIMATELY D AND RAILROAD GRADE.	1994-03-30 2001-09-10 4.5 MILES



California Department of Fish and Wildlife



Occurrence No.	565	Map Index: 46032	EO Index:	46032		Element Last Seen:	2001-04-15
Occ. Rank:	Good		Presence:	Presumed Ex	xtant	Site Last Seen:	2001-04-15
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2001-10-03
Quad Summary:	Little Table N	Mtn. (3711917)					
County Summary:	Madera	, , , , , , , , , , , , , , , , , , ,					
Lat/Long:	37.01225 / -1	119.85418			Accuracy:	1/10 mile	
UTM:	Zone-11 N41	100040 E246057			Elevation (ft):	455	
PLSS:	T10S, R19E,	, Sec. 36, SW (M)			Acres:	0.0	
Location:	JUST NORT	H OF HIGHWAY 45.					
Detailed Location:	SITE IS LOC	CATED IN A RIGHT-OF-W	AY, NEAR MILE-	POST 22.1.			
Ecological:	HABITAT CO		POOL IN A RIGH	HT-OF-WAY AN	ND EXTENDING I	NTO GRAZED GRASSLAND	. LINDERIELL
General:	~10 LARVAE	E OBSERVED IN THIS PO	OL ON 15 APR 2	2001; POOL DF	RIED UP BY 7 MA	Y 2001.	
Owner/Manager:	CALTRANS						
Occurrence No.	583	Map Index: 46277	EO Index:	46277		Element Last Seen:	1936-05-16
Occ. Rank:	None	map mach. 40211	Presence:	Extirpated		Site Last Seen:	1936-05-16
Occ. Type:		/e occurrence	Trend:	Unknown		Record Last Updated:	2002-08-20
					North (2014077)		2002 00 20
Quad Summary:	_ 0 (1966), Fresno South (3611	1967), CIOVIS (361	11976), Fresho	Νοπη (3611977)		
County Summary:	Fresno						
Lat/Long:	36.77388 / -1				Accuracy:	5 miles	
UTM:		073392 E251931			Elevation (ft):	300	
PLSS:	T13S. R20E.	, Sec. 27 (M)			Acres:	0.0	
Location:	FRESNO.	- , , , ,					
Detailed Location:							
Location: Detailed Location: Ecological: General:	FRESNO. 1879 RECOI	RD FROM THE USNM (#1 TES #3017 (2 SPECIMEN				NELL UNIVERSITY MUSEUN JENNINGS CONSIDERS TH	
Detailed Location: Ecological: General:	FRESNO. 1879 RECOI VERTEBRA	RD FROM THE USNM (#1 TES #3017 (2 SPECIMEN					
Detailed Location: Ecological: General: Owner/Manager:	FRESNO. 1879 RECOI VERTEBRA EXTIRPATE UNKNOWN	RD FROM THE USNM (#1 TES #3017 (2 SPECIMEN D.	S) CÓLLECTED	16 MAY 1936 E		JENNINGS CONSIDERS TH	IIS SITE
Detailed Location: Ecological: General: Owner/Manager: Occurrence No.	FRESNO. 1879 RECO VERTEBRA EXTIRPATE UNKNOWN 613	RD FROM THE USNM (#1 TES #3017 (2 SPECIMEN	S) CÓLLECTED · EO Index:	16 MAY 1936 E 46427		JENNINGS CONSIDERS TH	IIS SITE 1974-05-03
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	FRESNO. 1879 RECOL VERTEBRATE EXTIRPATE UNKNOWN 613 None	RD FROM THE USNM (#1 TES #3017 (2 SPECIMENS D. Map Index: 46427	S) COLLECTED · EO Index: Presence:	16 MAY 1936 E 46427 Extirpated		JENNINGS CONSIDERS TH Element Last Seen: Site Last Seen:	IIS SITE 1974-05-03 1974-05-03
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	FRESNO. 1879 RECON VERTEBRATE EXTIRPATE UNKNOWN 613 None Natural/Nativ	RD FROM THE USNM (#1 TES #3017 (2 SPECIMENS D. Map Index : 46427 /e occurrence	S) CÓLLECTED · EO Index:	16 MAY 1936 E 46427		JENNINGS CONSIDERS TH	IIS SITE 1974-05-03 1974-05-03
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	FRESNO. 1879 RECOI VERTEBRA EXTIRPATE UNKNOWN 613 None Natural/Nativ Clovis (3611	RD FROM THE USNM (#1 TES #3017 (2 SPECIMENS D. Map Index : 46427 /e occurrence	S) COLLECTED · EO Index: Presence:	16 MAY 1936 E 46427 Extirpated		JENNINGS CONSIDERS TH Element Last Seen: Site Last Seen:	IIS SITE 1974-05-03 1974-05-03
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	FRESNO. 1879 RECON VERTEBRATE EXTIRPATE UNKNOWN 613 None Natural/Nativ	RD FROM THE USNM (#1 TES #3017 (2 SPECIMENS D. Map Index : 46427 /e occurrence	S) COLLECTED · EO Index: Presence:	16 MAY 1936 E 46427 Extirpated		JENNINGS CONSIDERS TH Element Last Seen: Site Last Seen:	IIS SITE 1974-05-03 1974-05-03
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	FRESNO. 1879 RECOI VERTEBRA EXTIRPATE UNKNOWN 613 None Natural/Nativ Clovis (3611 Fresno 36.85063 / -1	RD FROM THE USNM (#1 TES #3017 (2 SPECIMENS D. Map Index: 46427 /e occurrence 976) 119.68563	S) COLLECTED · EO Index: Presence:	16 MAY 1936 E 46427 Extirpated	BY L.F. HADSELL	JENNINGS CONSIDERS TH Element Last Seen: Site Last Seen: Record Last Updated: 1 mile	IIS SITE 1974-05-03 1974-05-03
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	FRESNO. 1879 RECON VERTEBRATE UNKNOWN 613 None Natural/Nativ Clovis (3611) Fresno 36.85063 / -1 Zone-11 N40	RD FROM THE USNM (#1 TES #3017 (2 SPECIMENS D. Map Index: 46427 /e occurrence 976) 119.68563 081669 E260551	S) COLLECTED · EO Index: Presence:	16 MAY 1936 E 46427 Extirpated	Accuracy: Elevation (ft):	JENNINGS CONSIDERS TH Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 380	IIS SITE 1974-05-03 1974-05-03
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	FRESNO. 1879 RECOI VERTEBRA EXTIRPATE UNKNOWN 613 None Natural/Nativ Clovis (3611 Fresno 36.85063 / -1	RD FROM THE USNM (#1 TES #3017 (2 SPECIMENS D. Map Index: 46427 /e occurrence 976) 119.68563 081669 E260551	S) COLLECTED · EO Index: Presence:	16 MAY 1936 E 46427 Extirpated	BY L.F. HADSELL	JENNINGS CONSIDERS TH Element Last Seen: Site Last Seen: Record Last Updated: 1 mile	IIS SITE 1974-05-03 1974-05-03
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	FRESNO. 1879 RECO VERTEBRATE EXTIRPATE UNKNOWN 613 None Natural/Nativ Clovis (3611) Fresno 36.85063 / -1 Zone-11 N40 T12S, R21E,	RD FROM THE USNM (#1 TES #3017 (2 SPECIMENS D. Map Index: 46427 /e occurrence 976) 119.68563 081669 E260551	S) COLLECTED EO Index: Presence: Trend:	16 MAY 1936 E 46427 Extirpated Unknown	Accuracy: Elevation (ft): Acres:	JENNINGS CONSIDERS TH Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 380 0.0	IIS SITE 1974-05-03 1974-05-03
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	FRESNO. 1879 RECO VERTEBRATE EXTIRPATE UNKNOWN 613 None Natural/Nativ Clovis (3611) Fresno 36.85063 / -1 Zone-11 N40 T12S, R21E,	RD FROM THE USNM (#1 TES #3017 (2 SPECIMENS D. Map Index: 46427 /e occurrence 976) 119.68563 081669 E260551 , Sec. 33 (M)	S) COLLECTED EO Index: Presence: Trend:	16 MAY 1936 E 46427 Extirpated Unknown	Accuracy: Elevation (ft): Acres:	JENNINGS CONSIDERS TH Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 380 0.0	IIS SITE 1974-05-03 1974-05-03
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	FRESNO. 1879 RECO VERTEBRATE EXTIRPATE UNKNOWN 613 None Natural/Nativ Clovis (3611) Fresno 36.85063 / -1 Zone-11 N40 T12S, R21E,	RD FROM THE USNM (#1 TES #3017 (2 SPECIMENS D. Map Index: 46427 /e occurrence 976) 119.68563 081669 E260551 , Sec. 33 (M) OF THE FRIANT-KERN C	S) COLLECTED EO Index: Presence: Trend:	16 MAY 1936 E 46427 Extirpated Unknown	Accuracy: Elevation (ft): Acres:	JENNINGS CONSIDERS TH Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 380 0.0	IIS SITE 1974-05-03 1974-05-03
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	FRESNO. 1879 RECON VERTEBRATE EXTIRPATE UNKNOWN 613 None Natural/Nativ Clovis (3611) Fresno 36.85063 / -7 Zone-11 N40 T12S, R21E, WEST SIDE VERNAL PO	RD FROM THE USNM (#1 TES #3017 (2 SPECIMENS D. Map Index: 46427 /e occurrence 976) 119.68563 081669 E260551 , Sec. 33 (M) OF THE FRIANT-KERN C 00L.	S) CÓLLECTED · EO Index: Presence: Trend: :	16 MAY 1936 E 46427 Extirpated Unknown	Accuracy: Elevation (ft): Acres: T OF HWY 168. N	JENNINGS CONSIDERS TH Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 380 0.0	IIS SITE 1974-05-03 1974-05-03 2001-11-07



California Department of Fish and Wildlife



Occurrence No.	614 M a	ap Index: 46457	EO Index:	46457		Element Last Seen:	1983-12-26
Occ. Rank:	Unknown		Presence:	Presumed Extant		Site Last Seen:	1983-12-26
Осс. Туре:	Natural/Native occ	currence	Trend:	Unknown		Record Last Updated:	2001-11-09
Quad Summary:	Millerton Lake We	st (3711916)					
County Summary:	Madera						
Lat/Long:	37.10891 / -119.69	9274		Accura	acy:	1/5 mile	
UTM:	Zone-11 N411034	7 E260728		Elevati	ion (ft):	1157	
PLSS:	T09S, R21E, Sec.	33, NW (M)		Acres:		0.0	
Location:	ON ROAD 211, 0.	9 MI SOUTH OF ROA	AD 200. ABOUT	6 MILES NORTH OF N	IILLERTON	N LAKE.	
Detailed Location:							
Ecological:							
General:	MVZ #227100 CO	LLECTED BY R. MAG	CEY 26 DEC 198	33.			
Owner/Manager:	UNKNOWN						
Occurrence No.	615 M a	ap Index: 46459	EO Index:	46459		Element Last Seen:	1983-12-26
Occ. Rank:	Unknown		Presence:	Presumed Extant		Site Last Seen:	1983-12-26
Осс. Туре:	Natural/Native occ	currence	Trend:	Unknown		Record Last Updated:	2001-11-09
Quad Summary:	Gregg (3611988)						
County Summary:	Madera						
Lat/Long:	36.96654 / -119.92	2944		Accura	acy:	2/5 mile	
	Zone-11 N409517	2 E239203		Elevati	ion (ft):	325	
	Zone-11 N409517 T11S, R19E, Sec.			Elevati Acres:	.,	325 0.0	
PLSS:	T11S, R19E, Sec.	20 (M)	NUE 15. NORTH	Acres:			& LITTLE DR'
PLSS:	T11S, R19E, Sec. 7.6 MILES WEST	20 (M)	NUE 15. NORTH	Acres:		0.0	& LITTLE DR'
PLSS: Location: Detailed Location:	T11S, R19E, Sec. 7.6 MILES WEST CREEK. 2007 AERIAL PHO	20 (M) OF HWY 41 ON AVE	"HE AREA SOU"	Acres: IEAST OF THE CONFI		0.0	
PLSS: Location: Detailed Location: Ecological:	T11S, R19E, Sec. 7.6 MILES WEST CREEK. 2007 AERIAL PHO THE AREA TO TH	20 (M) OF HWY 41 ON AVE DTO SHOWS THAT T	THE AREA SOUT	Acres: HEAST OF THE CONFL TH OF AVENUE 15 HA NATURAL.		0.0 DF COTTONWOOD CREEK	
PLSS: Location: Detailed Location: Ecological: General:	T11S, R19E, Sec. 7.6 MILES WEST CREEK. 2007 AERIAL PHO THE AREA TO TH	20 (M) OF HWY 41 ON AVE DTO SHOWS THAT T HE NORTH OF AVEN	THE AREA SOUT	Acres: HEAST OF THE CONFL TH OF AVENUE 15 HA NATURAL.		0.0 DF COTTONWOOD CREEK	
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager:	T11S, R19E, Sec. 7.6 MILES WEST CREEK. 2007 AERIAL PHO THE AREA TO TH MVZ #227103 CO UNKNOWN	20 (M) OF HWY 41 ON AVE DTO SHOWS THAT T HE NORTH OF AVEN DILLECTED BY R. MAC	THE AREA SOUT	Acres: HEAST OF THE CONFL TH OF AVENUE 15 HA NATURAL.		0.0 DF COTTONWOOD CREEK	
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No.	T11S, R19E, Sec. 7.6 MILES WEST CREEK. 2007 AERIAL PHO THE AREA TO TH MVZ #227103 CO UNKNOWN	20 (M) OF HWY 41 ON AVE DTO SHOWS THAT T HE NORTH OF AVEN	THE AREA SOUT UE 15 IS STILL CEY ON 26 DEC	Acres: HEAST OF THE CONFI TH OF AVENUE 15 HA NATURAL. 1983. 46463		0.0 DF COTTONWOOD CREEK	URE WHILE
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	T11S, R19E, Sec. 7.6 MILES WEST CREEK. 2007 AERIAL PHO THE AREA TO TH MVZ #227103 CO UNKNOWN 616 Ma	20 (M) OF HWY 41 ON AVE DTO SHOWS THAT T HE NORTH OF AVEN DILLECTED BY R. MAC ap Index: 30806	THE AREA SOUTUE 15 IS STILL CEY ON 26 DEC EO Index:	Acres: HEAST OF THE CONFI TH OF AVENUE 15 HA NATURAL. 1983.		0.0 DF COTTONWOOD CREEK ONVERTED TO AGRICULT Element Last Seen:	URE WHILE 1944-12-XX 1944-12-XX
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	T11S, R19E, Sec. 7.6 MILES WEST CREEK. 2007 AERIAL PHO THE AREA TO TH MVZ #227103 CO UNKNOWN 616 Ma None	20 (M) OF HWY 41 ON AVE DTO SHOWS THAT T HE NORTH OF AVEN DILLECTED BY R. MAC ap Index: 30806	THE AREA SOUT UE 15 IS STILL CEY ON 26 DEC EO Index: Presence:	Acres: HEAST OF THE CONFI TH OF AVENUE 15 HA NATURAL. 1983. 46463 Extirpated		0.0 DF COTTONWOOD CREEK ONVERTED TO AGRICULT Element Last Seen: Site Last Seen:	URE WHILE 1944-12-XX
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	T11S, R19E, Sec. 7.6 MILES WEST CREEK. 2007 AERIAL PHO THE AREA TO TH MVZ #227103 CO UNKNOWN 616 Ma None Natural/Native occ	20 (M) OF HWY 41 ON AVE DTO SHOWS THAT T HE NORTH OF AVEN DILLECTED BY R. MAC ap Index: 30806	THE AREA SOUT UE 15 IS STILL CEY ON 26 DEC EO Index: Presence:	Acres: HEAST OF THE CONFI TH OF AVENUE 15 HA NATURAL. 1983. 46463 Extirpated		0.0 DF COTTONWOOD CREEK ONVERTED TO AGRICULT Element Last Seen: Site Last Seen:	URE WHILE 1944-12-XX 1944-12-XX
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	T11S, R19E, Sec. 7.6 MILES WEST CREEK. 2007 AERIAL PHO THE AREA TO TH MVZ #227103 CO UNKNOWN 616 Ma None Natural/Native occ Madera (3612081)	20 (M) OF HWY 41 ON AVE DTO SHOWS THAT T HE NORTH OF AVEN DILLECTED BY R. MAC ap Index: 30806 currence	THE AREA SOUT UE 15 IS STILL CEY ON 26 DEC EO Index: Presence:	Acres: HEAST OF THE CONFI TH OF AVENUE 15 HA NATURAL. 1983. 46463 Extirpated	UENCE O	0.0 DF COTTONWOOD CREEK ONVERTED TO AGRICULT Element Last Seen: Site Last Seen:	URE WHILE 1944-12-XX 1944-12-XX
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	T11S, R19E, Sec. 7.6 MILES WEST CREEK. 2007 AERIAL PHO THE AREA TO TH MVZ #227103 CO UNKNOWN 616 Ma None Natural/Native occ Madera (3612081) Madera	20 (M) OF HWY 41 ON AVE DTO SHOWS THAT T HE NORTH OF AVEN DULLECTED BY R. MAC ap Index: 30806 currence	THE AREA SOUT UE 15 IS STILL CEY ON 26 DEC EO Index: Presence:	Acres: HEAST OF THE CONFI TH OF AVENUE 15 HA NATURAL. 1983. 46463 Extirpated Unknown Accura	UENCE O	0.0 DF COTTONWOOD CREEK ONVERTED TO AGRICULT Element Last Seen: Site Last Seen: Record Last Updated:	URE WHILE 1944-12-XX 1944-12-XX
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	T11S, R19E, Sec.7.6 MILES WEST CREEK.2007 AERIAL PHO THE AREA TO TH MVZ #227103 CO UNKNOWN616Ma None Natural/Native occ616Ma Adera (3612081) Madera36.96034 / -120.00	20 (M) OF HWY 41 ON AVE DTO SHOWS THAT T TE NORTH OF AVEN DLLECTED BY R. MAC ap Index: 30806 currence) 6173 67 E761603	THE AREA SOUT UE 15 IS STILL CEY ON 26 DEC EO Index: Presence:	Acres: HEAST OF THE CONFI TH OF AVENUE 15 HA NATURAL. 1983. 46463 Extirpated Unknown Accura	LUENCE C S BEEN Co acy: ion (ft):	0.0 DF COTTONWOOD CREEK ONVERTED TO AGRICULT Element Last Seen: Site Last Seen: Record Last Updated: 1 mile	URE WHILE 1944-12-XX 1944-12-XX
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	T11S, R19E, Sec. 7.6 MILES WEST CREEK. 2007 AERIAL PHO THE AREA TO TH MVZ #227103 CO UNKNOWN 616 Ma None Natural/Native occ Madera (3612081) Madera 36.96034 / -120.00 Zone-10 N409450 T11S, R17E, Sec.	20 (M) OF HWY 41 ON AVE DTO SHOWS THAT T TE NORTH OF AVEN DLLECTED BY R. MAC ap Index: 30806 currence) 6173 67 E761603	THE AREA SOUT UE 15 IS STILL CEY ON 26 DEC EO Index: Presence: Trend:	Acres: HEAST OF THE CONFI TH OF AVENUE 15 HA NATURAL. 1983. 46463 Extirpated Unknown Accura Elevati Acres:	LUENCE C S BEEN Co acy: ion (ft):	0.0 DF COTTONWOOD CREEK ONVERTED TO AGRICULT Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 270	URE WHILE 1944-12-XX 1944-12-XX
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	T11S, R19E, Sec. 7.6 MILES WEST CREEK. 2007 AERIAL PHO THE AREA TO TH MVZ #227103 CO UNKNOWN 616 Ma None Natural/Native occ Madera (3612081) Madera 36.96034 / -120.00 Zone-10 N409450 T11S, R17E, Sec.	20 (M) OF HWY 41 ON AVE DTO SHOWS THAT T HE NORTH OF AVENIO DILLECTED BY R. MAC ap Index: 30806 currence) 6173 77 E761603 24 (M)	THE AREA SOUT UE 15 IS STILL CEY ON 26 DEC EO Index: Presence: Trend:	Acres: HEAST OF THE CONFI TH OF AVENUE 15 HA NATURAL. 1983. 46463 Extirpated Unknown Accura Elevati Acres:	LUENCE C S BEEN Co acy: ion (ft):	0.0 DF COTTONWOOD CREEK ONVERTED TO AGRICULT Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 270	URE WHILE 1944-12-XX 1944-12-XX
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological:	T11S, R19E, Sec. 7.6 MILES WEST CREEK. 2007 AERIAL PHO THE AREA TO TH MVZ #227103 CO UNKNOWN 616 Ma None Natural/Native occ Madera (3612081) Madera 36.96034 / -120.00 Zone-10 N409450 T11S, R17E, Sec.	20 (M) OF HWY 41 ON AVE DTO SHOWS THAT T HE NORTH OF AVENIO DILLECTED BY R. MAC ap Index: 30806 currence) 6173 77 E761603 24 (M)	THE AREA SOUT UE 15 IS STILL CEY ON 26 DEC EO Index: Presence: Trend:	Acres: HEAST OF THE CONFI TH OF AVENUE 15 HA NATURAL. 1983. 46463 Extirpated Unknown Accura Elevati Acres:	LUENCE C S BEEN Co acy: ion (ft):	0.0 DF COTTONWOOD CREEK ONVERTED TO AGRICULT Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 270	URE WHILE 1944-12-XX 1944-12-XX
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	T11S, R19E, Sec. 7.6 MILES WEST CREEK. 2007 AERIAL PHO THE AREA TO THOM MVZ #227103 CO UNKNOWN 616 Ma None Natural/Native occ Madera 36.96034 / -120.00 Zone-10 N409450 T11S, R17E, Sec. MADERA. NO OT	20 (M) OF HWY 41 ON AVE DTO SHOWS THAT T TE NORTH OF AVEN DILECTED BY R. MAC ap Index: 30806 currence) 6173 7 E761603 24 (M) HER LOCATION INFO	THE AREA SOUT UE 15 IS STILL CEY ON 26 DEC EO Index: Presence: Trend:	Acres: HEAST OF THE CONFI TH OF AVENUE 15 HA NATURAL. 1983. 46463 Extirpated Unknown Accura Elevati Acres: EN.	LUENCE C	0.0 DF COTTONWOOD CREEK ONVERTED TO AGRICULT Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 270	URE WHILE 1944-12-XX 1944-12-XX 2001-11-09



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Occurrence No.	624	Map Index: 46539	EO Index:	46539		Element Last Seen:	1984-03-13
Occ. Rank:	None		Presence:	Possibly Extirpate	h	Site Last Seen:	1984-03-13
Occ. Type:		ive occurrence	Trend:	Unknown	-	Record Last Updated:	2009-05-21
Quad Summary:	Eriant (3611	1986), Millerton Lake West (3	711016)			•	
County Summary:	Madera	500), Millerton Lake West (5	711910)				
Lat/Long:	36.99674 / -	-119 73696		Acc	uracy:	2/5 mile	
UTM:		098012 E256439			vation (ft):	460	
PLSS:		E, Sec. 01, SE (M)		Acr	. ,	0.0	
Location:		ST OF MADERA CANAL, EA					
Detailed Location:		ICINITY OF MADERA CANAI EAST OF ROAD 204. WNW		W OF FRIANT. POI	ND AT JUNC	TION OF ROADS 206 & 205	& AT ROAD
Ecological:		9 AERIAL PHOTOS SHOW 1 STILL HABITAT TO THE NOF				BEEN CONVERTED TO AGE	RICULTURE.
General:		RA CANAL & ROAD 205 OB D 25 MAR 1982. UMMZ #18					430
Owner/Manager:	UNKNOWN						
Occurrence No.	626	Map Index: 46543	EO Index:	46543		Element Last Seen:	2005-02-23
Occ. Rank:	Unknown		Presence:	Presumed Extant		Site Last Seen:	2005-02-23
Осс. Туре:	Natural/Nati	ive occurrence	Trend:	Unknown		Record Last Updated:	2008-09-04
Quad Summary:	Friant (3611	986)					
County Summary:	Fresno						
Lat/Long:	36.96183 / -	-119.68887		Acc	uracy:	80 meters	
UTM:	Zone-11 N4	094017 E260610		Elev	vation (ft):	475	
PLSS:	T11S, R21E	E, Sec. 21, NW (M)		Acr	es:	0.0	
Location:		EAST SIDE OF FRIANT-KER TION, FRIANT.	N CANAL AT N	11LEPOST 2.83, 1.4	AIR MILES N	INW OF THE CANAL/AUBER	RY RD
Location: Detailed Location:	INTERSEC ⁻ ORIGINALL		RIPTION OF "V	ERNAL POOL ON E	AST SIDE O	F FRIANT-KERN CANAL, 2 I	MILES NW
	INTERSEC ORIGINALL AUBERRY I 002.83.1.	TION, FRIANT. LY MAPPED TO 1974 DESCF	RIPTION OF "V M RADIUS CIF	ERNAL POOL ON E RCLE. RE-MAPPED	AST SIDE O	F FRIANT-KERN CANAL, 2 I	MILES NW
Detailed Location:	INTERSEC ORIGINALL AUBERRY I 002.83.1. HABITAT D UNKNOWN	TION, FRIANT. Y MAPPED TO 1974 DESCF RD, 475 FT ELEV" AS A 600	RIPTION OF "V M RADIUS CIF DRED VERNAL 1-3 MAY 1974,	ERNAL POOL ON E RCLE. RE-MAPPED POOL (2005). & LATER CONSIDE	AST SIDE O TO 2005 ES RED EXTIRF	F FRIANT-KERN CANAL, 2 I RP COORDINATES, SITE N PATED BY M. JENNINGS & N	MILES NW AME FKC-L- 1. HAYES



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California Natural Diversity Database



Occurrence No.	629	Map Index: 46630	EO Index:	46630	Element Last Seen:	1993-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1993-XX-XX
Occ. Type:		e occurrence	Trend:	Unknown	Record Last Updated:	2001-11-28
Quad Summary:	Round Moun	tain (3611975)			· · ·	
County Summary:	Fresno					
Lat/Long:	36.84168 / -1	19.53448		Accuracy:	2/5 mile	
UTM:	Zone-11 N40	80307 E274004		Elevation (ft):	470	
PLSS:	T12S, R22E,	Sec. 35, SE (M)		Acres:	0.0	
Location:	ABOUT 1.4 M	MILES SOUTHEAST OF IN	TERSECTION (OF FRIANT-KERN CANAL & A	CADEMY AVE. EAST OF MAD	SEN AVE.
Detailed Location:			SOURCE DOC	JMENT. MAPPED ACCORDIN	G TO THE T-R-S GIVEN, WHI	CH IS IN QUAD
Ecological:	3611975 NO			RESIDENTIAL DEVELOPMEN	T WEST OF MADSEN AVE	
General:				LSA. UNKNOWN NUMBER O		
Owner/Manager:	UNKNOWN					
Occurrence No.	656	Map Index: 47430	EO Index:	47430	Element Last Seen:	2002-02-23
Occ. Rank:	Excellent		Presence:	Presumed Extant	Site Last Seen:	2002-02-23
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown	Record Last Updated:	2002-03-14
Quad Summary:	Friant (36119	986)				
County Summary:	Fresno					
Lat/Long:	36.92358 / -1	19.71469		Accuracy:	specific area	
UTM:	Zone-11 N40	89837 E258190		Elevation (ft):	330	
PLSS:	T12S, R21E,	Sec. 06, SE (M)		Acres:	13.1	
Location:	SOUTH OF L	LITTLE DRY CREEK AND \	WEST OF AUBE	RRY ROAD, 4.5 MILES SOUT	H OF FRIANT.	
Detailed Location:	SURROUND	ING LAND IS DESTINED T	O BECOME A	MITIGATION BANK.		
Ecological:	UP OF NUM		AN DEPRESSIO	ONS, WITH SQUIRRELS AND	RIDOR CLOSE BY; TOPOGRA GOPHERS. SITE IS WASHED	
General:	DOZENS OF	JUVENILES OBSERVED	ON 10 FEB 200	2; COLLECTION MADE AND D	EPOSITED AT CAS.	
Owner/Manager:	PVT					
Occurrence No.	708	Map Index: 49019	EO Index:	49019	Element Last Seen:	2002-02-08
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2002-02-08
Осс. Туре:	Natural/Nativ	re occurrence	Trend:	Unknown	Record Last Updated:	2002-10-15
Quad Summary:	Friant (36119	986)				
County Summary:	Fresno					
Lat/Long:	36.92790 / -1	19.71173		Accuracy:	80 meters	
UTM:	Zone-11 N40	90309 E258467		Elevation (ft):	330	
PLSS:	T11S, R21E,	Sec. 31, SE (M)		Acres:	0.0	
	0.3 MILE WE	ST OF AUBERRY ROAD,	SOUTH OF LIT	LE DRY CREEK, 4 MILES SO	UTH OF FRIANT.	
Location:						
Location: Detailed Location:	SITE IS PRC	POSED FOR A MITIGATIO	JN BANK.			
	HABITAT CO		NTROL THAT F		ESERVOIR THROUGH ANNUA	L
Detailed Location:	HABITAT CO GRASSLANI	ONSISTS OF A FLOOD CO DS; NUMEROUS MOUNDS	NTROL THAT F S AND HARDPA			L

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Occurrence No.	732	Map Index: 41666	EO Index:	51282	Element Last Seen:	2001-02-XX
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2001-02-XX
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2003-05-15
Quad Summary:	Lanes Bridge	e (3611987)				
County Summary:	Madera					
Lat/Long:	36.94479 / -′	119.76380		Accuracy:	80 meters	
UTM:	Zone-11 N40	092317 E253883		Elevation (ft):	390	
PLSS:	T11S, R20E	, Sec. 26, SW (M)		Acres:	0.0	
Location:	WEST OF C HIGHWAY 4		E TABLE MTN	, 2 MILES SE OF ROAD 204 & H	WY 41, 2.2 MILES NE OF AV	/ENUE 12 &
Detailed Location:	VERNAL PC	OOL, CREEK DRAINS TO, AI	ND IS 1 MILE N	NORTHWEST OF SAN JOAQUIN	RIVER MILE 261.	
Ecological:	VERNAL PC DEVELOPM		ED NON-NATI\	/E GRASSLAND; SURROUNDIN	IG LAND USE IS AGRICULT	JRE, HOUSING
General:	LARVAL CT	S OBSERVED IN FEB 2001.				
Owner/Manager:	PVT					
Owner/Manager: Occurrence No.	PVT 733	Map Index: 51283	EO Index:	51283	Element Last Seen:	2001-02-XX
		Map Index: 51283	EO Index: Presence:	51283 Presumed Extant	Element Last Seen: Site Last Seen:	2001-02-XX 2001-02-XX
Occurrence No.	733 Unknown	Map Index: 51283				
Occurrence No. Occ. Rank:	733 Unknown	ve occurrence	Presence:	Presumed Extant	Site Last Seen:	2001-02-XX
Occurrence No. Occ. Rank: Occ. Type:	733 Unknown Natural/Nativ	ve occurrence	Presence:	Presumed Extant	Site Last Seen:	2001-02-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	733 Unknown Natural/Nativ Lanes Bridge	ve occurrence e (3611987)	Presence:	Presumed Extant	Site Last Seen:	2001-02-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	733 Unknown Natural/Nativ Lanes Bridge Madera 36.93709 / -	ve occurrence e (3611987)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2001-02-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	733 Unknown Natural/Nativ Lanes Bridge Madera 36.93709 / - Zone-11 N40	ve occurrence e (3611987) 119.78719	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: 80 meters	2001-02-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	733 Unknown Natural/Nativ Lanes Bridge Madera 36.93709 / - ² Zone-11 N40 T11S, R20E	ve occurrence e (3611987) 119.78719 091523 E251774 , Sec. 33, NE (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 80 meters 400 0.0	2001-02-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	733 Unknown Natural/Nativ Lanes Bridge Madera 36.93709 / - ² Zone-11 N40 T11S, R20E	ve occurrence e (3611987) 119.78719 091523 E251774 , Sec. 33, NE (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 80 meters 400 0.0	2001-02-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	733 Unknown Natural/Nativ Lanes Bridge Madera 36.93709 / - Zone-11 N40 T11S, R20E 0.4 MILE EA HABITAT CO	ve occurrence e (3611987) 119.78719 091523 E251774 , Sec. 33, NE (M) .ST OF HIGHWAY 41 AND 0	Presence: Trend: .9 MILE NORT	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 80 meters 400 0.0 ST OF MADERA.	2001-02-XX 2003-05-15
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	733 Unknown Natural/Nativ Lanes Bridge Madera 36.93709 / - Zone-11 N40 T11S, R20E 0.4 MILE EA HABITAT CO AGRICULTU	ve occurrence e (3611987) 119.78719 091523 E251774 , Sec. 33, NE (M) .ST OF HIGHWAY 41 AND 0 DNSISTS OF A VERNAL PO	Presence: Trend: .9 MILE NORT OL IN CURRE BAN.	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: H OF AVENUE 12, 14 MILES EA	Site Last Seen: Record Last Updated: 80 meters 400 0.0 ST OF MADERA.	2001-02-XX 2003-05-15



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Occurrence No.	734	Map Index: 45182	EO Index:	51285	Element Last Seen:	2001-02-XX
Occ. Rank:	Unknown	Map Index. 45162	Presence:	Presumed Extant	Site Last Seen:	2001-02-XX
Occ. Type:		ve occurrence	Trend:	Unknown	Record Last Updated:	2003-05-15
Quad Summary:	Lanes Bridge	e (3611987)				
County Summary:	Madera					
Lat/Long:	36.90552 / -	119.78512		Accuracy:	80 meters	
UTM:	Zone-11 N40	088015 E251857		Elevation (ft):	350	
PLSS:	T12S, R20E	, Sec. 09, NE (M)		Acres:	0.0	
Location:	0.4 MILE EA	ST OF HIGHWAY 41 AND	0.3 MILE SOUT	H OF AVENUE 11, 4.5 MILES N	ORTH OF PINEDALE.	
Detailed Location:						
Ecological:	GRASSLAN		IRE; MOST WEI	SSLAND WITH VERNAL POOLS RE DRYLAND FARMED HISTOI		
General:	LARVAL CT	S OBSERVED DURING FE	B 2001.			
Owner/Manager:	PVT					
Occurrence No.	735	Map Index: 51287	EO Index:	51287	Element Last Seen:	2001-02-XX
Occurrence No. Occ. Rank:	735 Unknown	Map Index: 51287	EO Index: Presence:	51287 Presumed Extant	Element Last Seen: Site Last Seen:	2001-02-XX 2001-02-XX
	Unknown	Map Index: 51287				
Occ. Rank:	Unknown	ve occurrence	Presence:	Presumed Extant	Site Last Seen:	2001-02-XX
Occ. Rank: Occ. Type:	Unknown Natural/Nativ	ve occurrence	Presence:	Presumed Extant	Site Last Seen:	2001-02-XX
Occ. Rank: Occ. Type: Quad Summary:	Unknown Natural/Nativ Lanes Bridge	e (3611987)	Presence:	Presumed Extant	Site Last Seen:	2001-02-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Unknown Natural/Nativ Lanes Bridge Madera 36.92715 /	e (3611987)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2001-02-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Unknown Natural/Nativ Lanes Bridge Madera 36.92715 / - Zone-11 N40	ve occurrence e (3611987) 119.77153	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: 80 meters	2001-02-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Unknown Natural/Nativ Lanes Bridge Madera 36.92715 / - Zone-11 N40 T11S, R20E	ve occurrence e (3611987) 119.77153 090379 E253138 , Sec. 34, SE (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 80 meters 350 0.0	2001-02-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Nativ Lanes Bridge Madera 36.92715 / - Zone-11 N40 T11S, R20E	ve occurrence e (3611987) 119.77153 090379 E253138 , Sec. 34, SE (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 80 meters 350 0.0	2001-02-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Nativ Lanes Bridge Madera 36.92715 / - Zone-11 N40 T11S, R20E 1.3 MILES E HABITAT CO GRASSLAN	ve occurrence e (3611987) 119.77153 090379 E253138 , Sec. 34, SE (M) EAST OF HIGHWAY 41 ANE	Presence: Trend: 0 0.2 MILE NE C N-NATIVE GRA: IRE; MOST WEI	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 80 meters 350 0.0 LES EAST OF MADERA. S AND WETLAND DRAINAGE	2001-02-XX 2003-05-15
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Unknown Natural/Nativ Lanes Bridge Madera 36.92715 / - Zone-11 N40 T11S, R20E 1.3 MILES E HABITAT CC GRASSLAN AGRICULTU	ve occurrence e (3611987) 119.77153 090379 E253138 , Sec. 34, SE (M) AST OF HIGHWAY 41 AND ONSISTS OF GRAZED NOI DS NOW USED AS PASTU	Presence: Trend: 0 0.2 MILE NE C N-NATIVE GRA IRE; MOST WEI RBAN.	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: DF AVENUE 12 "CURVE," 15 MI SSLAND WITH VERNAL POOLS	Site Last Seen: Record Last Updated: 80 meters 350 0.0 LES EAST OF MADERA. S AND WETLAND DRAINAGE	2001-02-XX 2003-05-15



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Occurrence No.	887	Map Index: 66194	EO Index:	66274	Element Last Seen:	2005-05-07
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2005-05-07
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown	Record Last Updated:	2006-09-12
Quad Summary:	Piedra (36	11974), Round Mountain (36	11975)			
County Summary:	Fresno					
Lat/Long:	36.80926 /	/ -119.50036		Accuracy:	specific area	
UTM:	Zone-11 N	4076631 E276953		Elevation (ft): 490	
PLSS:	T13S, R23	8E, Sec. 08, SW (M)		Acres:	2.0	
ocation:	0.5 MILE N	NORTH OF THE WATTS VAL	LEY ROAD CRO	OSSING OVER FRIANT CAN	AL, 8 MILES NNE OF SANGER	
Detailed Location:	MAPPED I	IN SW1/4 OF SW1/4 OF SEC	TION 8.			
Ecological:		CONSISTS OF NON-NATIVE DS, AND HOMES. 2009 AER			INCLUDES LIVESTOCK GRAZI IDEVELOPED.	NG,
General:	100'S OF /	ADULTS AND JUVENILES O	BSERVED ON 1	MAY 2005.		
Owner/Manager:	PVT					
Occurrence No.	888	Map Index: 66458	EO Index:	66562	Element Last Seen:	2006-02-20
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2006-02-2
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2007-02-2
Quad Summary:	Clovis (361	11976)				
County Summary:	Fresno					
Lat/Long:	36.87369 /	/ -119.67091		Accuracy:	80 meters	
UTM:	Zone-11 N	4084192 E261935		Elevation (ft): 400	
PLSS:	T12S, R21	E, Sec. 22, NW (M)		Acres:	0.0	
Location:	NORTH SI		LOOD CONTRO	DL CHANNEL, 0.25 MILE DO	WNSTREAM OF BIG CREEK DA	AM, 3.5 MILE
Detailed Location:	METROPO		DISTRICT CONS	TRUCTED AND USES TO R	D A CHANNEL THAT FRESNO ELEASE WATER DOWNSTREA 3.	M.
		CONSISTS OF A SWALE CC			RS TO BE PART OF THE ORIGI N 1948. THE ADJACENT FLOO	
Ecological:	MEANDEF					
Ecological: General:	MEANDEF CHANNEL	R THAT WAS CUT OFF WHE	LFROGS.			



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Occurrence No.	904 Map Index: 67524	EO Index:	67689	Element Last Seen:	1992-04-02
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:	1992-04-02
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:	2007-01-04
		rrena.	UIKIIUWII	Record Last opuated.	2007-01-04
Quad Summary:	Little Table Mtn. (3711917)				
County Summary:	Madera				
Lat/Long:	37.01346 / -119.79295		Accuracy:	nonspecific area	
UTM:	Zone-11 N4100013 E251510		Elevation (ft):	450	
PLSS:	T10S, R20E, Sec. 33 (M)		Acres:	109.0	
Location:	ALONG STATE ROUTE 41, 1000 FT S	SOUTH TO 3000	FT NORTH OF STATE ROUTE	145, WEST OF LITTLE TABLI	E MOUNTAIN.
Detailed Location:	POOL #'S 165 AND 900 LOCATED SC 197, AND 204 LOCATED NORTH OF				L #'S 193, 196,
Ecological:	HABITAT CONSISTS OF NORTHERN PLAGIOBOTHRYS STIPITATUS, AND			ORDEUM GENICULATUM,	
General:	LARVAE OBSERVED IN 2 VERNAL P	OOLS ON 11 MA	RCH AND 2 VERNAL POOLS O	N 1 APRIL DURING 1992.	
Owner/Manager:	PVT				
Occurrence No.	911 Map Index: 68133	EO Index:	68277	Element Last Seen:	2017-06-07
Out David					
Occ. Rank:	Fair	Presence:	Presumed Extant	Site Last Seen:	2017-06-07
Occ. Rank: Occ. Type:	Fair Natural/Native occurrence	Presence: Trend:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2017-06-07 2017-10-18
Осс. Туре:	Natural/Native occurrence				
Occ. Type: Quad Summary:	Natural/Native occurrence Friant (3611986)				
Occ. Type: Quad Summary: County Summary:	Natural/Native occurrence Friant (3611986) Fresno		Unknown	Record Last Updated:	
Occ. Type: Quad Summary: County Summary: Lat/Long:	Natural/Native occurrence Friant (3611986) Fresno 36.91633 / -119.70465		Unknown Accuracy:	Record Last Updated: specific area	
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Natural/Native occurrence Friant (3611986) Fresno 36.91633 / -119.70465 Zone-11 N4089008 E259062	Trend:	Unknown Accuracy: Elevation (ft): Acres:	Record Last Updated: specific area 416 23.0	2017-10-18
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Natural/Native occurrence Friant (3611986) Fresno 36.91633 / -119.70465 Zone-11 N4089008 E259062 T12S, R21E, Sec. 5, SW (M) ABOUT 0.75 MI NW-0.8 MI NNE OF M	Trend: ARIETTA AVE A AGED FROM WO	Unknown Accuracy: Elevation (ft): Acres: T STETSON RD & 1.3-1.9 MI NE DRKSITE IN 2016-2017 WERE R	Record Last Updated: specific area 416 23.0 E OF COPPER AVE AT AUBE ELOCATED TO A DESIGNAT	2017-10-18 RRY RD, 5 MI
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Natural/Native occurrence Friant (3611986) Fresno 36.91633 / -119.70465 Zone-11 N4089008 E259062 T12S, R21E, Sec. 5, SW (M) ABOUT 0.75 MI NW-0.8 MI NNE OF M S OF FRIANT. SALAMANDERS AND LARVAE SALV.	Trend: ARIETTA AVE A AGED FROM WO THAN A MILE T IDDLE OF A DR URING EXCAVA	Unknown Accuracy: Elevation (ft): Acres: T STETSON RD & 1.3-1.9 MI NE ORKSITE IN 2016-2017 WERE R O THE SOUTHEAST (OCCURRI Y FARMED FIELD. 2016-2017: S	Record Last Updated: specific area 416 23.0 E OF COPPER AVE AT AUBE ELOCATED TO A DESIGNAT ENCES #1255 & 1258) SITE OF CITY OF FRESNO P	2017-10-18 RRY RD, 5 MI FED RELEASE
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Natural/Native occurrence Friant (3611986) Fresno 36.91633 / -119.70465 Zone-11 N4089008 E259062 T12S, R21E, Sec. 5, SW (M) ABOUT 0.75 MI NW-0.8 MI NNE OF M S OF FRIANT. SALAMANDERS AND LARVAE SALV. SITE ON PRIVATE PROPERTY LESS 2006: VERNAL POOL LOCATED IN M PROJECT; ADULTS WERE FOUND D	Trend: ARIETTA AVE A AGED FROM WO THAN A MILE T IDDLE OF A DR URING EXCAVA TED. 006. 1 JUVENILE	Unknown Accuracy: Elevation (ft): Acres: T STETSON RD & 1.3-1.9 MI NE ORKSITE IN 2016-2017 WERE R O THE SOUTHEAST (OCCURR Y FARMED FIELD. 2016-2017: S TION & RELOCATED TO PROP INJURED BY CONSTRUCTION	Record Last Updated: specific area 416 23.0 E OF COPPER AVE AT AUBE ELOCATED TO A DESIGNATENCES #1255 & 1258) SITE OF CITY OF FRESNO P PERTY TO THE SE; LARVAE 1 AUG 2016, TREATED & R	2017-10-18 RRY RD, 5 MI TED RELEASE IPELINE FOUND IN ELOCATED. 1



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Occurrence No.	1013	Map Index: 71651	EO Index:	72552		Element Last Seen:	2008-04-01
Occ. Rank:	Fair		Presence:	Presumed Extant	t	Site Last Seen:	2008-04-01
Осс. Туре:	Natural/Nat	tive occurrence	Trend:	Unknown		Record Last Updated:	2008-07-07
Quad Summary:	Millerton La	ake West (3711916)					
County Summary:	Madera						
Lat/Long:	37.05672 /	-119.65994		Ac	curacy:	80 meters	
UTM:	Zone-11 N4	4104474 E263481		Ele	evation (ft):	1160	
PLSS:	T10S, R21E	E, Sec. 15, SE (M)		Ac	res:	0.0	
Location:	0.6 MILE E	AST OF HULBERT MOUNTA	AIN, ALONG TH	E SOUTH SIDE OF	F HIDDEN LAK	E BLVD/ROAD 216, FRIANT	г.
Detailed Location:	MAPPED A	ACCORDING TO PROVIDED	UTM COORDIN	NATES.			
Ecological:		CONSISTS OF A CREATED F				GETATION. AREA IS GRAS	SLAND WITH
a 1		ENSITY OF TREES, WITH T			EES.		
General:		AE WERE FOUND ON 1 APP	RIL 2008 (PHO I	0).			
Owner/Manager:	UNKNOWN	N					
Occurrence No.	1025	Map Index: 72129	EO Index:	73078		Element Last Seen:	2006-03-09
Occ. Rank:	Unknown		Presence:	Presumed Extant	t	Site Last Seen:	2006-03-09
						Record Last Updated:	0000 00 00
Осс. Туре:	Natural/Nat	tive occurrence	Trend:	Unknown		Record Last Opuated.	2008-09-03
Occ. Type: Quad Summary:		tive occurrence Mtn. (3711917)	Trend:	Unknown		Record Last opualed.	2008-09-03
,			Trend:	Unknown		Record Last Opualeu.	2008-09-03
Quad Summary: County Summary:	Little Table Madera		Trend:		curacy:	80 meters	2008-09-03
Quad Summary: County Summary:	Little Table Madera 37.02683 /	Mtn. (3711917)	Trend:	Ac	curacy:		2008-09-03
Quad Summary: County Summary: Lat/Long:	Little Table Madera 37.02683 / Zone-11 N4	Mtn. (3711917) -119.87496	Trend:	Ac Ele	•	80 meters	2008-09-03
Quad Summary: County Summary: Lat/Long: UTM:	Little Table Madera 37.02683 / Zone-11 N4 T10S, R198 MADERA C	Mtn. (3711917) -119.87496 4101715 E244257		Ac Ele Ac	evation (ft): cres:	80 meters 420 0.0	
Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Little Table Madera 37.02683 / Zone-11 N ⁴ T10S, R198 MADERA C OF FOUR C	Mtn. (3711917) -119.87496 4101715 E244257 E, Sec. 26, SW (M) CANAL AT MILEPOST 14.89,	0.9 MILE SW C	Ac Ele Ac DF ADOBE HILL & I	evation (ft): res: NORTH OF HI	80 meters 420 0.0	
Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Little Table Madera 37.02683 / Zone-11 N4 T10S, R198 MADERA C OF FOUR C MAPPED T	Mtn. (3711917) -119.87496 4101715 E244257 E, Sec. 26, SW (M) CANAL AT MILEPOST 14.89, CORNERS. TO PROVIDED COORDINATE DESCRIBED AS A TURBID V	0.9 MILE SW C ES. SITE NAME	Ac Ele Ac DF ADOBE HILL & I MAC-R-014.89.1.	evation (ft): cres: NORTH OF HI	80 meters 420 0.0 LDRETH CRK, ABOUT 4.6 N	MILES WNW
Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Little Table Madera 37.02683 / Zone-11 N4 T10S, R198 MADERA C OF FOUR C MAPPED T HABITAT D OLD DRAIN	Mtn. (3711917) -119.87496 4101715 E244257 E, Sec. 26, SW (M) CANAL AT MILEPOST 14.89, CORNERS. TO PROVIDED COORDINATE DESCRIBED AS A TURBID V	0.9 MILE SW C ES. SITE NAME ERNAL POOL V	Ac Ele Ac DF ADOBE HILL & I MAC-R-014.89.1. WITH LIKELY 100'S	evation (ft): cres: NORTH OF HI	80 meters 420 0.0 LDRETH CRK, ABOUT 4.6 N F CTS LARVAE. SITE APPE	MILES WNW
Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological:	Little Table Madera 37.02683 / Zone-11 N4 T10S, R198 MADERA C OF FOUR C MAPPED T HABITAT D OLD DRAIN	Mtn. (3711917) -119.87496 4101715 E244257 E, Sec. 26, SW (M) CANAL AT MILEPOST 14.89, CORNERS. TO PROVIDED COORDINATE DESCRIBED AS A TURBID V NAGE.	0.9 MILE SW C ES. SITE NAME ERNAL POOL V	Ac Ele Ac DF ADOBE HILL & I MAC-R-014.89.1. WITH LIKELY 100'S	evation (ft): cres: NORTH OF HI	80 meters 420 0.0 LDRETH CRK, ABOUT 4.6 N F CTS LARVAE. SITE APPE	MILES WNW



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Occurrence No.	1026	Map Index: 72130	EO Index:	73079	Element Last Seen:	2006-03-09
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2006-03-09
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown	Record Last Updated:	2008-09-03
Quad Summary:	Little Table	Mtn. (3711917)				
County Summary:	Madera					
Lat/Long:	37.02495 / -	119.86997		Accuracy:	80 meters	
UTM:	Zone-11 N4	101492 E244694		Elevation (ft):	423	
PLSS:	T10S, R19E	e, Sec. 35, NW (M)		Acres:	0.0	
Location:	MADERA C OF FOUR C		0.75 MILE SW	OF ADOBE HILL & NORTH OF	HILDRETH CRK, ABOUT 4.3	MILES WNW
Detailed Location:	MAPPED TO	O PROVIDED COORDINAT	ES. SITE NAME	MAC-R-014.55.1.		
Ecological:		ESCRIBED AS A TEA-COLO V CORNER (1 M). "WATER		POOL WITH EMERGENT ERYN EEMS OUT OF WHACK."	NGIUM SP. ON NORTH LEG	OF POOL, BUT
General:	D. NEWMAI	N OBSERVED THAT THE D	ENSITY OF CT	S LARVAE (~50) SEEMED LOW	ON 9 MAR 2006.	
Owner/Manager:	USBOR					
Occurrence No.	1027	Map Index: 72280	EO Index:	73096	Element Last Seen:	2004-03-11
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2004-03-11
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown	Record Last Updated:	2008-09-15
Quad Summary:	Friant (3611	986)				
County Summary:	Fresno					
Lat/Long:	36.89482 / -	119.63740		Accuracy:	specific area	
UTM:	Zone-11 N4	086453 E264987		Elevation (ft):	465	
PLSS:	T12S, R21E	, Sec. 13, NW (M)		Acres:	9.0	
Location:	FRIANT-KE BEHYMER		010.17, 010.24	(E OF BRIDGE), 2.4MI S OF OV	VENS MT, 1.1MI NE OF N DE	WOLF AVE @
Detailed Location:				IDE OF CANAL (POOL IDS FKC ROVIDED COORDINATES IN ES		OL ON NORTH
Ecological:				SES IN SURROUNDING AREA. VERNAL POOL WITH LOTS OF		O & VERY
General:	2 SMALL LA J. KOKX.	ARVAE (1-2 DAYS OLD) WE		D IN VERNAL POOL SAMPLES	FROM EAST POOL FROM 1	1 MAR 2004 BY
Owner/Manager:	USBOR, PV	Ϋ́Τ				



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Occurrence No.	1030	Map Index: 72148	EO Index:	73115	Element Last Seen:	2006-03-21
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2006-03-21
Осс. Туре:	Natural/Nat	tive occurrence	Trend:	Unknown	Record Last Updated:	2008-09-05
Quad Summary:	Round Mou	untain (3611975)				
County Summary:	Fresno					
Lat/Long:	36.87410/	-119.59645		Accuracy:	80 meters	
UTM:	Zone-11 N4	4084054 E268575		Elevation (ft):	469	
PLSS:	T12S, R228	E, Sec. 20, SW (M)		Acres:	0.0	
Location:			MILEPOST 13.9	3, 0.6 MILE N OF TOLLHOUSE	RD (BM 462) ALONG CANAL	, 6.6 MILES NE
Detailed Location:	OF CLOVIS	5. TO PROVIDED COORDINAT		(C-I -013 93 1		
Ecological:				WITH EMERGENT JUNCUS SF)	
General:		ONE OBSERVED ON 21 M				
Owner/Manager:	USBOR, P		AR 2000 BT R. C	SARCIA-TOMEINSON.		
e merinanagen	66261t, 1					
Occurrence No.	1031	Map Index: 72149	EO Index:	73116	Element Last Seen:	2006-03-27
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2006-03-27
Осс. Туре:	Natural/Nat	tive occurrence	Trend:	Unknown	Record Last Updated:	2008-09-05
Quad Summary:	Round Mou	untain (3611975)				
County Summary:	Fresno					
Lat/Long:	36.85612/	-119.57528		Accuracy:	specific area	
UTM:	Zone-11 N4	4082008 E270408		Elevation (ft):	465	
PLSS:	T12S, R228	E, Sec. 28, S (M)		Acres:	8.0	
Location:	FRIANT-KE	ERN CANAL AT MILEPOST	015.68, 0.6 MILE	E SE OF DOG CREEK, & 1 MIL	E NW OF BENCH MARK 461,	CLOVIS.
Detailed Location:		LS, 1 EACH ON SW & NE S O COORDINATES IN SHAPE		_, POOL IDS FKC-R-015.68.2 (SW) & FKC-L-015.68.1 (NE); N	IAPPED TO
Ecological:	VERNAL P		US SP; PART O	ONG FENCELINE. 80% ON PR F LARGE VERNAL POOL COM		
	4 LARVAE			EB 2005 & NOTED MANY LAR	VAE IN POOL W/ CTS [ADUL ⁻ D IN NE POOL ON 27 MAR 20	
General:	GARCIA-TO	OMLINSON (ONLY BRANCI OMLINSON.		H). AT LEAST ONE OBSERVE		500 DT R.



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Occurrence No.	1032	Map Index: 72150	EO Index:	73117		Element Last Seen:	2006-03-27
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	2006-03-27
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown		Record Last Updated:	2008-09-11
Quad Summary:	Round Mou	ntain (3611975)				•	
County Summary:	Fresno						
		110 50001			A	ana sifia araa	
Lat/Long: UTM:	36.85127 / -				Accuracy:	specific area	
PLSS:		081433 E271755			Elevation (ft):	461	
PL33:		, Sec. 34, N (M)			Acres:	22.0	
Location:	0.5 MILE W ACADEMY.		ACADEMY AVE	E (BM 461) ALC	ONG THE FRIANT	-KERN CANAL, 2.7 MILES S	SW OF
Detailed Location:		016.29.1, FKC-L-016.48.1, FI		()/	<i>//</i>	ID), 016.82 (MID-E), & 016.85 5.1, RESPECTIVELY. MAPP	
Ecological:	POOL W/ JI		POPCORN FLC			Y. MID-W POOL: TEA-COLO LUPINUS, & ERODIUM; BI-S	
General:	RICH COLC					O COLORATION OF CTS LIG OOL. BOTH POOLS SAMPLI	
Owner/Manager:	USBOR, PV	Ϋ́Τ					
Occurrence No.	1033	Map Index: 72251	EO Index:	73201		Element Last Seen:	2008-03-09
Occ. Rank:	Excellent		Presence:	Presumed E	xtant	Site Last Seen:	2008-03-09
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown		Record Last Updated:	2008-09-12
Quad Summary:	Millerton La	ke West (3711916)					
County Summary:	Madera						
Lat/Long:	37.04782 / -	119.66631			Accuracy:	80 meters	
UTM:	Zone-11 N4	103503 E262886			Elevation (ft):	1300	
PLSS:	T10S, R21E	, Sec. 22, NE (M)			Acres:	0.0	
Location:	0.4 MI SOU	TH OF HULBERT MOUNTAI	N AND NE OF	THE SAN JOA	QUIN RIVER ARM	OF MILLERTON LAKE.	
Detailed Location:							
Ecological:	ISOLATED	STOCK POND WITH NO EM	IERGENT VEG	ETATION. NU	MEROUS HYLA R	EGILLA TADPOLES ALSO P	RESENT.
General:	5 LARVAE (OBSERVED 9 MAR 2008. LA	RVAE ABOUT	0.5 INCHES, N	NO LIMB DEVELO	PMENT.	
Owner/Manager:	UNKNOWN						



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Occurrence No.	1050	Map Index: 72374	EO Index:	73338	Element Last Seen:	2007-12-28
Occ. Rank:	Excellent		Presence:	Presumed Extant	Site Last Seen:	2007-12-28
Occ. Type:	Natural/Nati	ive occurrence	Trend:	Unknown	Record Last Updated:	2008-09-23
Quad Summary:	Round Mou	ntain (3611975)				
County Summary:	Fresno					
Lat/Long:	36.84964 / -	-119.59308		Accuracy:	80 meters	
UTM:	Zone-11 N4	081332 E268801		Elevation (ft):	444	
PLSS:	T12S, R22E	E, Sec. 32, NE (M)		Acres:	0.0	
Location:	0.85 MILE N	NORTH OF HERNDON AVE	AT DEL REY A	VE, ABOUT 0.4 MILE EAST OF	DOG CREEK.	
Detailed Location:	MAPPED TO	O PROVIDED COORDINATE	ES AND MAP. F	POOL #19.		
Ecological:				WITH UNDULATING TOPOGR		IG TO WEST,
General:	CTS LARVA SURVEYED		DOL 19 ON 28 I	DEC 2007 DURING SURVEYS (CONDUCTED WINTER 2007-0	08; 92 POOLS
Owner/Manager:	PVT-ESTILI	L				
Occurrence No.	1051	Map Index: 72376	EO Index:	73339	Element Last Seen:	2007-12-28
Occ. Rank:	Excellent		Presence:	Presumed Extant	Site Last Seen:	2007-12-28
Осс. Туре:	Natural/Nati	ive occurrence	Trend:	Unknown	Record Last Updated:	2008-09-23
	Natural/Nati					
Quad Summary:		ntain (3611975)				
Quad Summary: County Summary:						
-	Round Mou	ntain (3611975)		Accuracy:	80 meters	
County Summary:	Round Mour Fresno 36.84469 / -	ntain (3611975)		Accuracy: Elevation (ft):	80 meters	
County Summary: Lat/Long:	Round Mour Fresno 36.84469 / - Zone-11 N4	ntain (3611975) -119.58852		•	80 meters 0.0	
County Summary: Lat/Long: UTM:	Round Mour Fresno 36.84469 / - Zone-11 N4 T12S, R22E	ntain (3611975) -119.58852 -080771 E269193 E, Sec. 32, E (M)	ON AVE AT NC	Elevation (ft):	0.0	, EAST OF
County Summary: Lat/Long: UTM: PLSS:	Round Mour Fresno 36.84469 / - Zone-11 N4 T12S, R22E 0.55 AIR MI CLOVIS.	ntain (3611975) -119.58852 -080771 E269193 E, Sec. 32, E (M)		Elevation (ft): Acres:	0.0	, EAST OF
County Summary: Lat/Long: UTM: PLSS: Location:	Round Mour Fresno 36.84469 / - Zone-11 N4 T12S, R22E 0.55 AIR MI CLOVIS. MAPPED TO HABITAT D	ntain (3611975) -119.58852 -080771 E269193 E, Sec. 32, E (M) ILES NNE OF EAST HERND O PROVIDED COORDINATE ESCRIBED AS NON-NATIVI	ES AND MAP. F E GRASSLAND	Elevation (ft): Acres:	0.0 MILE EAST OF DOG CREEK APHY, WITH SHEEP GRAZIN	
County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Round Mour Fresno 36.84469 / - Zone-11 N4 T12S, R22E 0.55 AIR MI CLOVIS. MAPPED TO HABITAT D CATTLE GF	ntain (3611975) -119.58852 -080771 E269193 E, Sec. 32, E (M) ILES NNE OF EAST HERND O PROVIDED COORDINATE ESCRIBED AS NON-NATIVI RAZING TO EAST, AGRICUI AE WERE OBSERVED IN PO	ES AND MAP. F E GRASSLAND LTURE TO NOF	Elevation (ft): Acres: ORTH DEL REY AVE, ABOUT 1 POOL #54. WITH UNDULATING TOPOGR	0.0 MILE EAST OF DOG CREEK APHY, WITH SHEEP GRAZIN DUTH.	IG TO WEST,



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Occurrence No.	1097	Map Index: 78722	EO Index:	79663		Element Last Seen:	2007-07-21
Occ. Rank:	Good		Presence:	Presumed E	xtant	Site Last Seen:	2007-07-21
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown		Record Last Updated:	2010-04-28
Quad Summary:	Little Table	e Mtn. (3711917)					
County Summary:	Madera						
Lat/Long:	37.08666 /	′ -119.83361			Accuracy:	80 meters	
UTM:	Zone-11 N	4108244 E248134			Elevation (ft):	900	
PLSS:	T10S, R20	E, Sec. 06, SW (M)			Acres:	0.0	
Location:	39485 MIL	LSTREAM LANE, MADERA.					
Detailed Location:							
Ecological:	RURAL RE POOLS IN	ESIDENTIAL NEIGHBORHOO VICINITY.	D. THIS HOUS	E IS ON 40 AC	CRES OF OAK SA	VANNA WITH STOCK POND	S/VERNAL
General:		ALAMANDER FOUND IN POO MOVED ABOUT 4 SALAMANI				2007. HOMEOWNER SAYS	THAT THAY
Owner/Manager:	PVT						
Occurrence No.	1098	Map Index: 78723	EO Index:	79664		Element Last Seen:	2007-04-20
			Presence:	Presumed E	xtant	Site Last Seen:	
Occ. Rank:	Good		r resentee.			Sile Last Seen.	2007-04-20
		tive occurrence	Trend:	Unknown		Record Last Updated:	2007-04-20 2010-04-28
	Natural/Na	tive occurrence Mtn. (3711917)					
Occ. Type: Quad Summary:	Natural/Na						
Occ. Type: Quad Summary: County Summary:	Natural/Na Little Table Madera				Accuracy:		
Occ. Type: Quad Summary: County Summary: Lat/Long:	Natural/Na Little Table Madera 37.08806 /	e Mtn. (3711917)				Record Last Updated:	
Occ. Type: Quad Summary: County Summary: Lat/Long:	Natural/Na Little Table Madera 37.08806 / Zone-11 N	e Mtn. (3711917) 7 -119.82667			Accuracy:	Record Last Updated: 80 meters	
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Natural/Na Little Table Madera 37.08806 / Zone-11 N T10S, R20	e Mtn. (3711917) 7 -119.82667 4108380 E248756			Accuracy: Elevation (ft):	Record Last Updated: 80 meters 870	
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Natural/Na Little Table Madera 37.08806 / Zone-11 N T10S, R20	e Mtn. (3711917) 7 -119.82667 4108380 E248756 9E, Sec. 06, SE (M)			Accuracy: Elevation (ft):	Record Last Updated: 80 meters 870	
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Natural/Na Little Table Madera 37.08806 / Zone-11 N T10S, R20 39828 MIL	e Mtn. (3711917) 7 -119.82667 4108380 E248756 9E, Sec. 06, SE (M)	Trend:	Unknown	Accuracy: Elevation (ft): Acres:	Record Last Updated: 80 meters 870 0.0	
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Natural/Na Little Table Madera 37.08806 / Zone-11 N T10S, R20 39828 MIL RURAL RE SALAMAN	e Mtn. (3711917) 7-119.82667 4108380 E248756 0E, Sec. 06, SE (M) LSTREAM LANE, MADERA.	Trend:	Unknown ANNA WITH S LON WATER-F	Accuracy: Elevation (ft): Acres: TOCK PONDS/VE	Record Last Updated: 80 meters 870 0.0 ERNAL POOLS IN VICINITY. BUCKET JUST INSIDE THE I	2010-04-28
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological:	Natural/Na Little Table Madera 37.08806 / Zone-11 N T10S, R20 39828 MIL RURAL RE SALAMAN	Mtn. (3711917) 7-119.82667 4108380 E248756 9E, Sec. 06, SE (M) LSTREAM LANE, MADERA. ESIDENTIAL NEIGHBORHOO IDER FOUND WRAPPED ARG	Trend:	Unknown ANNA WITH S LON WATER-F	Accuracy: Elevation (ft): Acres: TOCK PONDS/VE	Record Last Updated: 80 meters 870 0.0 ERNAL POOLS IN VICINITY. BUCKET JUST INSIDE THE I	2010-04-28



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2010-04-05 2010-04-05 2010-04-28							
2010-04-28							
S/VERNAL							
POOLS IN VICINITY. ADULT SALAMANDERS OBSERVED ON PORCH AMONG POTTED PLANTS WHICH GET WATERED DAILY. SALAMANDERS SEEN IN 2005, ON 14 JUN 2006 & 5 APR 2010 (DURING RAIN).							
2006-10-14							
2006-10-14							
2010-04-28							
40515 OAKWOOD ROAD, MADERA.							
S/VERNAL							
S/VERNAL							



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Occurrence No.	1101	Map Index: 78735	EO Index:	79677	Element Last Seen:	2008-06-13				
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2008-06-13				
Осс. Туре:	Natural/Native occurrence Trend: Unknown Record Last Updated: 2010									
Quad Summary:	Little Table Mtn. (3711917)									
County Summary:	Madera									
Lat/Long:	37.07444 / -119.81834 Accuracy: 80 meters									
UTM:	Zone-11 N4106847 E249451 Elevation (ft): 760									
PLSS:	T10S, R20E, Sec. 08, SW (M) Acres: 0.0									
Location:	AT HOUSE ON OAKWOOD ROAD, MADERA.									
Detailed Location:	MAPPED TO PROVIDED LAT-LONG COORDINATES.									
Ecological:	RURAL RESID	DENTIAL NEIGHBORHO	OD IN OAK SAV	ANNA WITH STOCK PONDS/V	ERNAL POOLS IN VICINITY.					
General:				R BOWL ABOUT 6 FT AWAY FR						
Owner/Menageri	SALAMANDEF PVT	R FOUND IN 6 X 4 FT U	NPLANTED FLO	WER BED WITH MOIST SOIL S	SIX DAYS LATER ON 13 JUN	2008.				
Owner/Manager:	FVI									
Occurrence No.	1102	Map Index: 78737	EO Index:	79678	Element Last Seen:	2008-01-24				
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2008-01-24				
Осс. Туре:	Natural/Native	occurrence	Trend:	Unknown	Record Last Updated:	2010-04-28				
Quad Summary:	Little Table Mtr	n. (3711917)								
County Summary:	Madera									
Lat/Long:	37.05972 / -119	9.79028		Accuracy:	80 meters					
UTM:	Zone-11 N410	5140 E251898		Elevation (ft):	560					
PLSS:	T10S, R20E, Sec. 16, SE (M) Acres: 0.0									
	1105, R20E, S	Sec. 16, SE (M)		Acres.	0.0					
		,	RTH OF INTERS	ECTION WITH ROAD 208 (BEL						
Location:		,	RTH OF INTERS							
Location: Detailed Location:	ON ROAD 209	ABOUT 1.5 MILES NO	AK SAVANNA W		LVIEW RD), MADERA.	FROM ROAD				
Location: Detailed Location: Ecological:	ON ROAD 209 SURROUNDIN 209 HILDRETH AT 7 PM, DUR	ABOUT 1.5 MILES NOI NG AREA IS GRAZED O H CREEK WAS FLOWIN RING A LIGHT RAIN, A S	AK SAVANNA W IG. SALAMANDER W	ECTION WITH ROAD 208 (BEL /ITH STOCK PONDS AND VERI /AS FOUND ALIVE BUT INJURE	LVIEW RD), MADERA. NAL POOLS. ABOUT 20 YDS ED (LEFT FRONT LEG PARTI					
Location: Detailed Location: Ecological: General:	ON ROAD 209 SURROUNDIN 209 HILDRETH AT 7 PM, DUR AMPUTATED)	ABOUT 1.5 MILES NOI NG AREA IS GRAZED O H CREEK WAS FLOWIN RING A LIGHT RAIN, A S	AK SAVANNA W IG. SALAMANDER W	ECTION WITH ROAD 208 (BEL ITH STOCK PONDS AND VERI	LVIEW RD), MADERA. NAL POOLS. ABOUT 20 YDS ED (LEFT FRONT LEG PARTI					
Location: Detailed Location: Ecological: General:	ON ROAD 209 SURROUNDIN 209 HILDRETH AT 7 PM, DUR	ABOUT 1.5 MILES NOI NG AREA IS GRAZED O H CREEK WAS FLOWIN RING A LIGHT RAIN, A S	AK SAVANNA W IG. SALAMANDER W	ECTION WITH ROAD 208 (BEL /ITH STOCK PONDS AND VERI /AS FOUND ALIVE BUT INJURE	LVIEW RD), MADERA. NAL POOLS. ABOUT 20 YDS ED (LEFT FRONT LEG PARTI					
Location: Detailed Location: Ecological: General: Owner/Manager:	ON ROAD 209 SURROUNDIN 209 HILDRETH AT 7 PM, DUR AMPUTATED)	ABOUT 1.5 MILES NOI NG AREA IS GRAZED O H CREEK WAS FLOWIN RING A LIGHT RAIN, A S	AK SAVANNA W IG. SALAMANDER W	ECTION WITH ROAD 208 (BEL /ITH STOCK PONDS AND VERI /AS FOUND ALIVE BUT INJURE	LVIEW RD), MADERA. NAL POOLS. ABOUT 20 YDS ED (LEFT FRONT LEG PARTI					
Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No.	ON ROAD 209 SURROUNDIN 209 HILDRETH AT 7 PM, DUR AMPUTATED) UNKNOWN	ABOUT 1.5 MILES NOI NG AREA IS GRAZED O H CREEK WAS FLOWIN RING A LIGHT RAIN, A S ON ROAD 209. DFG PI	AK SAVANNA W IG. GALAMANDER W ICKED IT UP THE	ECTION WITH ROAD 208 (BEL 'ITH STOCK PONDS AND VERI 'AS FOUND ALIVE BUT INJURE E NEXT DAY & TOOK IT TO A 2	LVIEW RD), MADERA. NAL POOLS. ABOUT 20 YDS ED (LEFT FRONT LEG PARTI 200 FOR CARE.	ALLY				
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	ON ROAD 209 SURROUNDIN 209 HILDRETH AT 7 PM, DUR AMPUTATED) UNKNOWN 1103	ABOUT 1.5 MILES NOI NG AREA IS GRAZED O H CREEK WAS FLOWIN RING A LIGHT RAIN, A S ON ROAD 209. DFG PI Map Index: 78738	AK SAVANNA W IG. BALAMANDER W ICKED IT UP THE EO Index:	ECTION WITH ROAD 208 (BEL VITH STOCK PONDS AND VERI VAS FOUND ALIVE BUT INJURE E NEXT DAY & TOOK IT TO A Z	LVIEW RD), MADERA. NAL POOLS. ABOUT 20 YDS ED (LEFT FRONT LEG PARTI 200 FOR CARE. Element Last Seen:	ALLY 2005-10-14				
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	ON ROAD 209 SURROUNDIN 209 HILDRETH AT 7 PM, DUR AMPUTATED) UNKNOWN 1103 Good	ABOUT 1.5 MILES NOI NG AREA IS GRAZED O H CREEK WAS FLOWIN ING A LIGHT RAIN, A S ON ROAD 209. DFG PI Map Index: 78738	AK SAVANNA W IG. SALAMANDER W ICKED IT UP THE EO Index: Presence:	ECTION WITH ROAD 208 (BEL ITH STOCK PONDS AND VERI AS FOUND ALIVE BUT INJURE E NEXT DAY & TOOK IT TO A 2 79679 Presumed Extant	LVIEW RD), MADERA. NAL POOLS. ABOUT 20 YDS ED (LEFT FRONT LEG PARTI 200 FOR CARE. Element Last Seen: Site Last Seen:	ALLY 2005-10-14 2005-10-14				
Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary:	ON ROAD 209 SURROUNDIN 209 HILDRETH AT 7 PM, DUR AMPUTATED) UNKNOWN 1103 Good Natural/Native	ABOUT 1.5 MILES NOI NG AREA IS GRAZED O H CREEK WAS FLOWIN ING A LIGHT RAIN, A S ON ROAD 209. DFG PI Map Index: 78738	AK SAVANNA W IG. SALAMANDER W ICKED IT UP THE EO Index: Presence:	ECTION WITH ROAD 208 (BEL ITH STOCK PONDS AND VERI AS FOUND ALIVE BUT INJURE E NEXT DAY & TOOK IT TO A 2 79679 Presumed Extant	LVIEW RD), MADERA. NAL POOLS. ABOUT 20 YDS ED (LEFT FRONT LEG PARTI 200 FOR CARE. Element Last Seen: Site Last Seen:	ALLY 2005-10-14 2005-10-14				
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	ON ROAD 209 SURROUNDIN 209 HILDRETH AT 7 PM, DUR AMPUTATED) UNKNOWN 1103 Good Natural/Native Little Table Mtr	ABOUT 1.5 MILES NOI NG AREA IS GRAZED O H CREEK WAS FLOWIN ING A LIGHT RAIN, A S ON ROAD 209. DFG PI Map Index: 78738 occurrence n. (3711917)	AK SAVANNA W IG. SALAMANDER W ICKED IT UP THE EO Index: Presence:	ECTION WITH ROAD 208 (BEL ITH STOCK PONDS AND VERI AS FOUND ALIVE BUT INJURE E NEXT DAY & TOOK IT TO A 2 79679 Presumed Extant	LVIEW RD), MADERA. NAL POOLS. ABOUT 20 YDS ED (LEFT FRONT LEG PARTI 200 FOR CARE. Element Last Seen: Site Last Seen:	ALLY 2005-10-14 2005-10-14				
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	ON ROAD 209 SURROUNDIN 209 HILDRETH AT 7 PM, DUR AMPUTATED) UNKNOWN 1103 Good Natural/Native Little Table Mtr Madera	ABOUT 1.5 MILES NOI NG AREA IS GRAZED O H CREEK WAS FLOWIN RING A LIGHT RAIN, A S ON ROAD 209. DFG PI Map Index: 78738 occurrence n. (3711917) 9.79861	AK SAVANNA W IG. SALAMANDER W ICKED IT UP THE EO Index: Presence:	ECTION WITH ROAD 208 (BEL 'ITH STOCK PONDS AND VERI 'AS FOUND ALIVE BUT INJURE E NEXT DAY & TOOK IT TO A 2 79679 Presumed Extant Unknown	LVIEW RD), MADERA. NAL POOLS. ABOUT 20 YDS ED (LEFT FRONT LEG PARTI 200 FOR CARE. Element Last Seen: Site Last Seen: Record Last Updated:	ALLY 2005-10-14 2005-10-14				
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	ON ROAD 209 SURROUNDIN 209 HILDRETH AT 7 PM, DUR AMPUTATED) UNKNOWN 1103 Good Natural/Native Little Table Mtr Madera 37.09833 / -119 Zone-11 N4109	ABOUT 1.5 MILES NOI NG AREA IS GRAZED O H CREEK WAS FLOWIN RING A LIGHT RAIN, A S ON ROAD 209. DFG PI Map Index: 78738 occurrence n. (3711917) 9.79861	AK SAVANNA W IG. SALAMANDER W ICKED IT UP THE EO Index: Presence:	ECTION WITH ROAD 208 (BEL ITH STOCK PONDS AND VERI AS FOUND ALIVE BUT INJURE E NEXT DAY & TOOK IT TO A 2 79679 Presumed Extant Unknown Accuracy:	LVIEW RD), MADERA. NAL POOLS. ABOUT 20 YDS ED (LEFT FRONT LEG PARTI 200 FOR CARE. Element Last Seen: Site Last Seen: Record Last Updated: 80 meters	ALLY 2005-10-14 2005-10-14				
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	ON ROAD 209 SURROUNDIN 209 HILDRETH AT 7 PM, DUR AMPUTATED) UNKNOWN 1103 Good Natural/Native Little Table Mtr Madera 37.09833 / -119 Zone-11 N4109 T09S, R20E, S	ABOUT 1.5 MILES NOI NG AREA IS GRAZED O H CREEK WAS FLOWIN ING A LIGHT RAIN, A S ON ROAD 209. DFG PI Map Index: 78738 occurrence n. (3711917) 9.79861 9446 E251284	AK SAVANNA W IG. SALAMANDER W ICKED IT UP THE EO Index: Presence:	ECTION WITH ROAD 208 (BEL ITH STOCK PONDS AND VERI AS FOUND ALIVE BUT INJURE E NEXT DAY & TOOK IT TO A 2 79679 Presumed Extant Unknown Accuracy: Elevation (ft):	LVIEW RD), MADERA. NAL POOLS. ABOUT 20 YDS ED (LEFT FRONT LEG PARTI COO FOR CARE. Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 950	ALLY 2005-10-14 2005-10-14				
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	ON ROAD 209 SURROUNDIN 209 HILDRETH AT 7 PM, DUR AMPUTATED) UNKNOWN 1103 Good Natural/Native Little Table Mtr Madera 37.09833 / -119 Zone-11 N4109 T09S, R20E, S	ABOUT 1.5 MILES NOI NG AREA IS GRAZED O H CREEK WAS FLOWIN NG A LIGHT RAIN, A S ON ROAD 209. DFG PI Map Index: 78738 occurrence n. (3711917) 9.79861 9446 E251284 Sec. 33, SW (M)	AK SAVANNA W IG. SALAMANDER W ICKED IT UP THE EO Index: Presence:	ECTION WITH ROAD 208 (BEL ITH STOCK PONDS AND VERI AS FOUND ALIVE BUT INJURE E NEXT DAY & TOOK IT TO A 2 79679 Presumed Extant Unknown Accuracy: Elevation (ft):	LVIEW RD), MADERA. NAL POOLS. ABOUT 20 YDS ED (LEFT FRONT LEG PARTI COO FOR CARE. Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 950	ALLY 2005-10-14 2005-10-14				
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	ON ROAD 209 SURROUNDIN 209 HILDRETH AT 7 PM, DUR AMPUTATED) UNKNOWN 1103 Good Natural/Native Little Table Mtr Madera 37.09833 / -119 Zone-11 N4109 T09S, R20E, S 41576 ROAD 4	ABOUT 1.5 MILES NOI NG AREA IS GRAZED O H CREEK WAS FLOWIN ING A LIGHT RAIN, A S ON ROAD 209. DFG PI Map Index: 78738 occurrence n. (3711917) 9.79861 9446 E251284 Sec. 33, SW (M) 406, MADERA.	AK SAVANNA W IG. SALAMANDER W ICKED IT UP THE EO Index: Presence: Trend:	ECTION WITH ROAD 208 (BEL ITH STOCK PONDS AND VERI AS FOUND ALIVE BUT INJURE E NEXT DAY & TOOK IT TO A 2 79679 Presumed Extant Unknown Accuracy: Elevation (ft):	LVIEW RD), MADERA. NAL POOLS. ABOUT 20 YDS ED (LEFT FRONT LEG PARTI 200 FOR CARE. Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 950 0.0	ALLY 2005-10-14 2005-10-14 2010-04-28				
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General:	ON ROAD 209 SURROUNDIN 209 HILDRETH AT 7 PM, DUR AMPUTATED) UNKNOWN 1103 Good Natural/Native Little Table Mtr Madera 37.09833 / -119 Zone-11 N4109 T09S, R20E, S 41576 ROAD 4 RURAL RESID POOLS IN VIC	ABOUT 1.5 MILES NOI NG AREA IS GRAZED O H CREEK WAS FLOWIN RING A LIGHT RAIN, A S ON ROAD 209. DFG PI Map Index: 78738 occurrence n. (3711917) 9.79861 9446 E251284 Sec. 33, SW (M) 406, MADERA.	AK SAVANNA W IG. SALAMANDER W ICKED IT UP THE EO Index: Presence: Trend:	ECTION WITH ROAD 208 (BEL ITH STOCK PONDS AND VERI AS FOUND ALIVE BUT INJURE E NEXT DAY & TOOK IT TO A 2 79679 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	LVIEW RD), MADERA. NAL POOLS. ABOUT 20 YDS ED (LEFT FRONT LEG PARTI 200 FOR CARE. Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 950 0.0	ALLY 2005-10-14 2005-10-14 2010-04-28				



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Occurrence No.	1104	Map Index: 78739	EO Index:	79680	Element Last Seen:	2008-07-27			
Occ. Rank:	Unknown	-	Presence:	Presumed Extant	Site Last Seen:	2008-07-27			
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2010-04-28			
Quad Summary:	Little Table Mtn. (3711917)								
County Summary:	Madera								
Lat/Long:	37.07971 / -	119.81654		Accuracy:	specific area				
UTM:	Zone-11 N4	107426 E249628		Elevation (ft):	780				
PLSS:	T10S, R20E	, Sec. 08, NW (M)		Acres:	10.0				
Location:	FOUND AT HOUSES AT 40894 MILLSTREAM LANE AND 40224 ROAD 406, MADERA.								
Detailed Location:	AT 40894 MILLSTREAM LANE SALAMANDERS WERE SEEN UNDER THE DECKING AROUND THE SWIMMING POOL. AT 40224 ROAD 406 SALAMANDERS WERE SEEN JUST AFTER A RAIN WALKING ACROSS THE DIRT DRIVEWAY AND FOUND UNDER THE HOUSE DURING THE SUMMER.								
Ecological:	RURAL RESIDENTIAL NEIGHBORHOOD IN OAK SAVANNA WITH STOCK PONDS/VERNAL POOLS IN VICINITY.								
General:	ADULT SAL	AMANDERS OBSERVED 1	1 NOV 2006, 14	4 JUL 2007 AND 27 JUL 2008.					
Owner/Manager:	PVT								
Occurrence No.	1229	Map Index: A0906	EO Index:	102467	Element Last Seen:	2016-03-09			
Occurrence No. Occ. Rank:	1229 Unknown	Map Index: A0906	EO Index: Presence:	102467 Presumed Extant	Element Last Seen: Site Last Seen:	2016-03-09 2016-03-09			
	Unknown	Map Index: A0906							
Occ. Rank:	Unknown	ve occurrence	Presence:	Presumed Extant	Site Last Seen:	2016-03-09			
Occ. Rank: Occ. Type:	Unknown Natural/Nativ	ve occurrence	Presence:	Presumed Extant	Site Last Seen:	2016-03-09			
Occ. Rank: Occ. Type: Quad Summary:	Unknown Natural/Nativ Lanes Bridg	ve occurrence e (3611987)	Presence:	Presumed Extant	Site Last Seen:	2016-03-09			
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Unknown Natural/Nativ Lanes Bridg Madera 36.93149 / -	ve occurrence e (3611987)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2016-03-09			
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Unknown Natural/Nativ Lanes Bridg Madera 36.93149 / - Zone-11 N4	ve occurrence e (3611987) 119.79364	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: specific area	2016-03-09			
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Unknown Natural/Nativ Lanes Bridg Madera 36.93149 / - Zone-11 N40 T11S, R20E	ve occurrence e (3611987) 119.79364 090919 E251182 s, Sec. 33, N (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: specific area 390 9.0	2016-03-09			
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Nativ Lanes Bridg Madera 36.93149 / - Zone-11 N44 T11S, R20E EAST SIDE	ve occurrence e (3611987) 119.79364 090919 E251182 E, Sec. 33, N (M) OF HIGHWAY 41, 0.6 MILE	Presence: Trend: NORTH OF IT:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 390 9.0 UE 12, NORTH OF FRESNO.	2016-03-09			
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Nativ Lanes Bridg Madera 36.93149 / - Zone-11 N40 T11S, R20E EAST SIDE MAPPED TO POND 1: 30 TURBID, 50	ve occurrence e (3611987) 119.79364 090919 E251182 5, Sec. 33, N (M) OF HIGHWAY 41, 0.6 MILE O PROVIDED COORDINATE 0' X 150' X 2.5' DEEP, RELA	Presence: Trend: NORTH OF IT: ES. SOUTH SIT ATIVELY TURB ED BY INLETS	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: S INTERSECTION WITH AVEN	Site Last Seen: Record Last Updated: specific area 390 9.0 UE 12, NORTH OF FRESNO. AT "POND 2." POND 2: 200X900'X2' DEEP, F	2016-03-09 2016-07-01			
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Unknown Natural/Nativ Lanes Bridg Madera 36.93149 / - Zone-11 N40 T11S, R20E EAST SIDE MAPPED TO POND 1: 30 TURBID, 50 ADJACENT	ve occurrence e (3611987) 119.79364 090919 E251182 5, Sec. 33, N (M) OF HIGHWAY 41, 0.6 MILE O PROVIDED COORDINATE 0' X 150' X 2.5' DEEP, RELA % VEGETATED. PONDS FE	Presence: Trend: NORTH OF IT: ES. SOUTH SIT ATIVELY TURB ED BY INLETS	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: S INTERSECTION WITH AVEN TE AT "POND 1," NORTH SITE ID, SPARSELY VEGETATED. F	Site Last Seen: Record Last Updated: specific area 390 9.0 UE 12, NORTH OF FRESNO. AT "POND 2." POND 2: 200X900'X2' DEEP, F	2016-03-09 2016-07-01			



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Occurrence No.	1236	Map Index: A2288	EO Index:	103897		Element Last Seen:	2017-01-08		
Occ. Rank:	Good		Presence:	Presumed E	xtant	Site Last Seen:	2017-01-08		
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown		Record Last Updated:	2017-06-22		
Quad Summary:	Round Mountain (3611975)								
County Summary:	Fresno								
Lat/Long:	36.815 / -11	9.55984			Accuracy:	specific area			
UTM:	Zone-11 N4	077408 E271663			Elevation (ft):	427			
PLSS:	T13S, R22E	E, Sec. 10, SE (M)			Acres:	8.0			
Location:	JUST EAST OF POINSETTIA AVE, ABOUT 0.5 MILES NNW OF THE INTERSECTION OF SHAW AVE AND ACADEMY AVE, CLOVIS.								
Detailed Location:	MAPPED TO PROVIDED COORDINATES. 2016: BACKYARD OF 5478 POINSETTIA AVE.								
Ecological:	2016: FOUND IN SMALL, PARTIALLY-FILLED ORNAMENTAL POND; SURVEYOR ASSUMED THE INDIVIDUAL HAD DISPERSED FROM HABITAT TO THE EAST; RELOCATION SITE AT BACK OF PROPERTY, ADJACENT TO NON-NATIVE GRASSLAND/VERNAL POOL HABITAT.								
General:	1 JUVENILE FOUND IN ORNAMENTAL POOL ON 30 JUN 2016 AND RELOCATED TO GROUND SQUIRREL BURROW. 1 AD FOUND IN SWIMMING POOL ON 8 JAN 2017 AND RELEASED IN ADJACENT HABITAT.								
Owner/Manager:	PVT								
Occurrence No.	1246	Map Index: A5059	EO Index:	106758		Element Last Seen:	2016-04-XX		
Occ. Rank:	Excellent		Presence:	Presumed Extant		Site Last Seen:	2016-04-XX		
Осс. Туре:	Natural/Native occurrence		Trend:	Unknown		Record Last Updated:	2017-06-15		
Quad Summary:	Lanes Bridge (3611987)								
aaaa oumnary.	Lanes Bridg	je (3611987)							
County Summary:	Lanes Bridg Madera	je (3611987)							
•	0				Accuracy:	specific area			
County Summary:	Madera 36.97742 / -				Accuracy: Elevation (ft):	specific area 367			
County Summary: Lat/Long:	Madera 36.97742 / - Zone-11 N4	119.87096			•				
County Summary: Lat/Long: UTM:	Madera 36.97742 / - Zone-11 N4 T11S, R19E	119.87096 096220 E244448	AVE 16, NE OF	- MADERA.	Elevation (ft):	367			
County Summary: Lat/Long: UTM: PLSS:	Madera 36.97742 / - Zone-11 N4 T11S, R19E 0.4 MI SE T	-119.87096 096220 E244448 E, Sec. 14, NW (M)			Elevation (ft):	367			
County Summary: Lat/Long: UTM: PLSS: Location:	Madera 36.97742 / - Zone-11 N4 T11S, R19E 0.4 MI SE T MAPPED TO VERNAL PO SPADEFOO	-119.87096 096220 E244448 E, Sec. 14, NW (M) O 0.5 MI ESE OF RD 37 AT O PROVIDED LOCATIONS. DOLS/SWALES ON ROLLING	POOLS A AND G GRASSLANE S, AND WESTE	Z. D USED FOR G	Elevation (ft): Acres:	367			
County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Madera 36.97742 / - Zone-11 N4 T11S, R19E 0.4 MI SE T MAPPED TO VERNAL PC SPADEFOC IN 2 ADJAC	119.87096 096220 E244448 5, Sec. 14, NW (M) O 0.5 MI ESE OF RD 37 AT O PROVIDED LOCATIONS. DOLS/SWALES ON ROLLING DT TOADS, CHORUS FROG ENT POOLS ON THE PROF	POOLS A AND G GRASSLANE S, AND WESTE PERTY.	Z. D USED FOR G ERN TOADS A	Elevation (ft): Acres: GRAZING. SITE O LSO OBSERVED.	367 10.0 F PROPOSED MITIGATION I	DACH FOUND		



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Occurrence No.	1247	Map Index: A5061	EO Index:	106760		Element Last Seen:	2016-04-XX
Occ. Rank:	Excellent		Presence:	Presumed E	xtant	Site Last Seen:	2016-04-XX
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2017-06-15
Quad Summary:	Lanes Bridge	e (3611987)					
County Summary:	Madera						
Lat/Long:	36.97445 / -1	119.86304			Accuracy:	80 meters	
UTM:	Zone-11 N40)95870 E245143			Elevation (ft):	372	
PLSS:	T11S, R19E,	, Sec. 14, NW (M)			Acres:	5.0	
Location:	ABOUT 0.8 M	MI SE OF RD 37 AT AVE 16	& 0.9 MILES N	IE OF RD 37 A	T AVE 15, NE OF	MADERA.	
Detailed Location:	MAPPED TC	PROVIDED LOCATION. PO	DOL G.				
Ecological:	SPADEFOO					F PROPOSED MITIGATION I NON-NATIVE WEATHER LC	
General:	METAMORP	PHS DETECTED APR 2016.					
Owner/Manager:	PVT						
Occurrence No.	1248	Map Index: A5062	EO Index:	106762		Element Last Seen:	2016-04-XX
Occurrence No. Occ. Rank:	1248 Excellent	Map Index: A5062	EO Index: Presence:	106762 Presumed E	xtant	Element Last Seen: Site Last Seen:	2016-04-XX 2016-04-XX
	Excellent	Map Index: A5062			xtant		
Occ. Rank:	Excellent	ve occurrence	Presence:	Presumed E	xtant	Site Last Seen:	2016-04-XX
Occ. Rank: Occ. Type:	Excellent Natural/Nativ	ve occurrence	Presence:	Presumed E	xtant	Site Last Seen:	2016-04-XX
Occ. Rank: Occ. Type: Quad Summary:	Excellent Natural/Nativ Lanes Bridge	ve occurrence э (3611987)	Presence:	Presumed E	xtant Accuracy:	Site Last Seen:	2016-04-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Excellent Natural/Nativ Lanes Bridge Madera 36.97026 / -1	ve occurrence э (3611987)	Presence:	Presumed E		Site Last Seen: Record Last Updated:	2016-04-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Excellent Natural/Nativ Lanes Bridge Madera 36.97026 / -1 Zone-11 N40	ve occurrence e (3611987) 119.8737	Presence:	Presumed E	Accuracy:	Site Last Seen: Record Last Updated: specific area	2016-04-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Excellent Natural/Nativ Lanes Bridge Madera 36.97026 / -1 Zone-11 N40 T11S, R19E,	ve occurrence e (3611987) 119.8737 095434 E244180	Presence: Trend:	Presumed E Unknown	Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 351 11.0	2016-04-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Excellent Natural/Nativ Lanes Bridge Madera 36.97026 / -1 Zone-11 N40 T11S, R19E, ABOUT 0.7-0	ve occurrence e (3611987) 119.8737 095434 E244180 , Sec. 14, NW (M)	Presence: Trend: /E 16 & 0.25-0.	Presumed E Unknown 3 MILES NNE	Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 351 11.0	2016-04-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Excellent Natural/Nativ Lanes Bridge Madera 36.97026 / -1 Zone-11 N40 T11S, R19E, ABOUT 0.7-0 MAPPED TC VERNAL PO SPADEFOO	/e occurrence e (3611987) 119.8737 095434 E244180 , Sec. 14, NW (M) 0.8 MI SSE OF RD 37 AT AV 0 PROVIDED LOCATIONS. F	Presence: Trend: //E 16 & 0.25-0. POOLS E, F, & G GRASSLANE	Presumed E Unknown 3 MILES NNE 437. 0 USED FOR (Accuracy: Elevation (ft): Acres: OF RD 37 AT AVE GRAZING. SITE O	Site Last Seen: Record Last Updated: specific area 351 11.0	2016-04-XX 2017-06-15 BANK.
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Excellent Natural/Nativ Lanes Bridge Madera 36.97026 / -1 Zone-11 N40 T11S, R19E, ABOUT 0.7-0 MAPPED TO VERNAL PO SPADEFOO IN 2 POOLS	/e occurrence = (3611987) 119.8737 095434 E244180 , Sec. 14, NW (M) 0.8 MI SSE OF RD 37 AT AV 0 PROVIDED LOCATIONS. I OOLS/SWALES ON ROLLING T TOADS, CHORUS FROGS	Presence: Trend: /E 16 & 0.25-0. POOLS E, F, & G GRASSLANE S, AND WESTE	Presumed E Unknown 3 MILES NNE 437. 0 USED FOR C ERN TOADS A	Accuracy: Elevation (ft): Acres: OF RD 37 AT AVE GRAZING. SITE O LSO OBSERVED.	Site Last Seen: Record Last Updated: specific area 351 11.0 E 15, NE OF MADERA. F PROPOSED MITIGATION I NON-NATIVE WEATHER LO	2016-04-XX 2017-06-15 BANK.



California Department of Fish and Wildlife



Occurrence No.	1249	Map Index: A5141	EO Index:	106844	Element Last Seen:	2017-05-23
Occ. Rank:	Poor		Presence:	Presumed Extant	Site Last Seen:	2017-05-23
Occ. Type:	Natural/Native of	occurrence	Trend:	Unknown	Record Last Updated:	2017-06-28
			inchu.			2011 00 20
•	Gregg (3611988	8)				
County Summary:	Madera					
Lat/Long:	36.92354 / -119	9.98096		Accuracy:	specific area	
UTM:	Zone-11 N4090	542 E234467		Elevation (ft):	281	
PLSS:	T11S, R18E, Se	ec. 35, SW (M)		Acres:	33.0	
Location:	BOTH SIDES C MADERA.	OF AVE 12, FROM THE A	TSF RAILROAI	D TRACKS TO ABOUT 0.6 MI V	V & WSW, 2.3-2.7 MI E OF HV	VY 99, SE OF
Detailed Location:	EXCLUDE SW-		RENCE AS MAI	T OF 2017 CONSTRUCTION/D PPED. SW POLYGON INCLUD		
Ecological:	ROADSIDE. BR		PROPERTY.	R GRADE W/GROUND SQUIR SURROUNDING AREA AGRICI ADED (2017).		
General:	RELOCATED T			015. 1 ADULT FOUND DURING XVED IN POND 2 ON 29 MAR 2		
Owner/Manager:	PVT					
Occurrence No.	1253	Map Index: A6431	EO Index:	108190	Element Last Seen:	2017-02-10
Occ. Rank:	Fair		Presence:	Presumed Extant	Site Last Seen:	2017-02-10
Occ. Type:	Fall					
	Natural/Native of	occurrence	Trend:	Unknown	Record Last Updated:	2017-09-19
Quad Summary:			Trend:	Unknown	Record Last Updated:	2017-09-19
	Natural/Native of		Trend:	Unknown	Record Last Updated:	2017-09-19
Quad Summary: County Summary:	Natural/Native of Fresno North (3 Fresno	3611977)	Trend:		·	2017-09-19
Quad Summary: County Summary: Lat/Long:	Natural/Native of Fresno North (3	9611977) 9.87053	Trend:	Accuracy:	Record Last Updated: nonspecific area 297	2017-09-19
Quad Summary: County Summary: Lat/Long: UTM:	Natural/Native of Fresno North (3 Fresno 36.79258 / -119	3611977) 9.87053 3708 E243869	Trend:		nonspecific area	2017-09-19
Quad Summary: County Summary: Lat/Long: UTM:	Natural/Native of Fresno North (3 Fresno 36.79258 / -119 Zone-11 N4075 T13S, R19E, Se	3611977) 9.87053 5708 E243869 ec. 23 (M) BLYTHE AVE ABOUT 0.3		Accuracy: Elevation (ft):	nonspecific area 297 35.0	
Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Natural/Native of Fresno North (3 Fresno 36.79258 / -119 Zone-11 N4075 T13S, R19E, Se VICINITY OF N JCT IN FRESN	3611977) 9.87053 5708 E243869 ec. 23 (M) I BLYTHE AVE ABOUT 0.1 O. GON IS APPROXIMATE L	2 MI NNW OF	Accuracy: Elevation (ft): Acres:	nonspecific area 297 35.0 DN, & 0.1 MI SE OF THE W AS	SHLAN AVE
Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Natural/Native of Fresno North (3 Fresno 36.79258 / -119 Zone-11 N4075 T13S, R19E, Se VICINITY OF N JCT IN FRESN NORTH POLYO RELOCATION FOUND ON GR WATER IN SPF	3611977) 9.87053 5708 E243869 ec. 23 (M) BLYTHE AVE ABOUT 0.2 O. GON IS APPROXIMATE L SITE. ROUNDS OF APARTMEN	2 MI NNW OF OCATION OF T COMPLEX. F DWS PRESEN	Accuracy: Elevation (ft): Acres: THE W AUSTIN WAY JUNCTIC	nonspecific area 297 35.0 DN, & 0.1 MI SE OF THE W AS LYGON IS APPROXIMATE LO	SHLAN AVE DCATION OF S, STANDING
Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Natural/Native of Fresno North (3 Fresno 36.79258 / -119 Zone-11 N4075 T13S, R19E, Se VICINITY OF N JCT IN FRESN NORTH POLYO RELOCATION FOUND ON GR WATER IN SPF LOST TOO MU 1 ADULT FOUN	3611977) 9.87053 5708 E243869 ec. 23 (M) BLYTHE AVE ABOUT 0.: O. GON IS APPROXIMATE L SITE. ROUNDS OF APARTMEN' RING, AND MANY BURRO CH HABITAT TO BE VIAE ND ON GROUNDS OF AP	2 MI NNW OF OCATION OF T COMPLEX. F DWS PRESEN BLE. PARTMENT CO	Accuracy: Elevation (ft): Acres: THE W AUSTIN WAY JUNCTIC DETECTION SITE. SOUTH PO RELOCATED TO OPEN SPACE	nonspecific area 297 35.0 DN, & 0.1 MI SE OF THE W AS LYGON IS APPROXIMATE LO WITH ALFALFA AND GRASS INT REMNANT POPULATION	SHLAN AVE DCATION OF S, STANDING THAT HAS



California Department of Fish and Wildlife



Occ. Rank: Fair Presence: Presumed Extant Site Last Seen: 2017-06-07 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2017-10-18 Quad Summary: Friant (3611986) County Summary: Fresno Interval (361986) 2017-10-18 County Summary: Fresno Accuracy: nonspecific area UTM: 200-11 N4088077 E260105 Elevation (ff): 395 PLSS: T12S, R21E, Sec. 9, NW (M) Acres: 23.0 County Summary: Fresno Location: 0.1 MI NW TO 0.4 MI NE OF STETSON RD AT HACIENDA AVE & 1.4 TO 1.7 MI NE OF COPPER AVE AT AUBERRY RD, N OF CLOVIS. Nor CLOVIS. Detailed Location: MAPPED TO PROVIDED COORDINATES. SW POLYGON REPRESENTS 2015 DETECTION. NE-MOST POLYGON REPRESENTS RELOCATION SITE FOR SALAMANDERS SALVAGED FROM WORKSITE TO NW. Net on CLOVIS. Detailed Location: MAPPED TO PROVIDED COORDINATES. SW POLYGON REPRESENTS 2015 DETECTION. NE-MOST POLYGON REPRESENTS RELOCATION SITE FOR SALAMANDERS SALVAGED FROM WORKSITE TO NW. Net on CLOVIS. General: 1 ADULT UNEARTHLE POLYCONTILL PROPERTY CONTIGUOUS WITH EXPANSIVE GRASSLAND. 2016-2017. APPROVED RELOCATION SITE FOR SALAMANDERS SALVAGED TO NAREBY BURGW ON 19 AUG 2015. 1 JUVINILE INJURED AT WORKSITE TO NW. General: 1	Occurrence No.	1255	Map Index: A6561	EO Index:	108323	Element Last Seen:	2017-06-07
Outdownwary: Friant (3611986) County Summary: Fresno Lat/Long: 36.90821 / .119.69266 Accuracy: nonspecific area UTM: Zone-11 N4088077 E260105 Elevation (ft): 395 PLSS: T12S, R21E, Sec. 9, NW (M) Acres: 23.0 Location: 0.1 MI NNW TO 0.4 MI NE OF STETSON RD AT HACIENDA AVE & 1.4 TO 1.7 MI NE OF COPPER AVE AT AUBERRY RD, N OF CLOVIS. Detailed Location: MAPPED TO PROVIDED COORDINATES. SW POLYGON REPRESENTS 2015 DETECTION, NE-MOST POLYGON REPRESENTS RELOCATION SITE FOR SALAMANDERS SALVAGED FROM WORKSITE AT OCCURRENCE #911 DURING 2016 2017. Ecological: 2015. RURAL RESIDENTIAL PROPERTY CONTIGUOUS WITH EXPANSIVE GRASSLAND. 2016-2017. APPROVED RELOCATION SITE FOR SALAMANDERS SALVAGED FROM UTY OF FRESNO PIPELINE PROJECT WORKSITE TO NW. General: 1 ADULT UNEARTHED DURING ESTIVATION & RELEASED HIRE 1 AUG 2016. 1 SUBADULT RELOCATED HERE 7 JUN 2017. Owner/Manager: PVT Occurrence No. 1258 Map Index: A6869 EO Index: 108638 Element Last Seen: 2017-03-28 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2017-10-18 Quad Summary: Fresno Lat/Long: 36.90754 / -119.68178 Accuracy: 80 meters 2017-0	Occ. Rank:	Fair		Presence:	Presumed Extant	Site Last Seen:	2017-06-07
County Summary: Fresho Lat/Long: 36.90821 / .119.69266 Accuracy: nonspecific area UTM: Zone-11 N4088077 E260105 Elevation (ft): 395 PLSS: T12S, R21E, Sec. 9, NW (M) Acres: 23.0 Location: 0.1 MI NNW TO 0.4 MI NE OF STETSON RD AT HACIENDA AVE & 1.4 TO 1.7 MI NE OF COPPER AVE AT AUBERRY RD, N OF CLOVIS. Detailed Location: MAPPED TO PROVIDED COORDINATES, SW POLYGON REPRESENTS 2015 DETECTION, NE-MOST POLYGON REPRESENTS RELOCATION SITE FOR SALAMANDERS SALVAGED FROM WORKSITE AT OCCURRENCE #911 DURING 2016 2017. APPROVED RELOCATION SITE FOR SALAMANDERS SALVAGED FROM WORKSITE AT OCCURRENCE #911 DURING 2016 2017. APPROVED RELOCATION SITE FOR SALAMANDERS SALVAGED FROM UTY OF FRESNO PIPELINE PROJECT WORKSITE TO NW. General: 1 ADULT UNEARTHED DURING ESTIVATION & RELOCATED TO NEARBY BURROW ON 19 AUG 2015. 1 JUVENILE INJURED AT WORKSITE (OCC #911), TREATED & RELEASED HEE 1 AUG 2016. 1 SUBADULT RELOCATED HERE 7 JUN 2017. Owner/Manager: PVT Occurrence No. 1258 Map Index: A6869 EO Index: 108638 Element Last Seen: 2017-03-28 Occ. Rain: Frair Presence: Presumed Extant Site Last Seen: 2017-03-28 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2017-10-18 Quad Summary: Fresno Lad/Long: <td< th=""><th>Осс. Туре:</th><th>Natural/Nativ</th><th>ve occurrence</th><th>Trend:</th><th>Unknown</th><th>Record Last Updated:</th><th>2017-10-18</th></td<>	Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2017-10-18
Lat/Long: 36.90821 / -119.69266 Accuracy: nonspecific area UTM: Zone-11 N4088077 E260105 Elevation (ft): 395 PLSS: T12S, R21E, Sec. 9, NW (M) Acres: 23.0 Location: 0.1 MI NNW TO 0.4 MI NE OF STETSON RD AT HACIENDA AVE & 1.4 TO 1.7 MI NE OF COPPER AVE AT AUBERRY RD, N OF CLOVIS. Detailed Location: 0.1 MI NNW TO 0.4 MI NE OF STETSON RD AT HACIENDA AVE & 1.4 TO 1.7 MI NE OF COPPER AVE AT AUBERRY RD, N OF CLOVIS. Detailed Location: MAPPED TO PROVIDED COORDINATES. SW POLYGON REPRESENTS 2015 DETECTION. NE-MOST POLYGON REPRESENTS RELOCATION SITE FOR SALAMANDERS SALVAGED FROM CITY OF FRESNO PIPELINE PROJECT WORKSITE TO NW. General: 1 ADULT UNEARTHED DURING ESTIVATION & RELOCATED TO NEARBY BURROW ON 19 AUG 2015. 1 JUVENILE INJURED AT WORKSITE (OCC #911), TREATED & RELEASED HERE 1 AUG 2016. 1 SUBADULT RELOCATED HERE 7 JUN 2017. Owner/Manager: PVT Occurrence No. 1258 Map Index: A6869 EO Index: 108638 Element Last Seen: 2017-03-28 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2017-10-18 Guad Summary: Friant (3611986) County Summary: Fresno 1258 Accuracy: 80 meters Lat/Long: 36.90754 / -119.68178 <td< th=""><th>Quad Summary:</th><th>Friant (3611</th><th>986)</th><th></th><th></th><th></th><th></th></td<>	Quad Summary:	Friant (3611	986)				
UTM: Zone-11 N4088077 E260105 Elevation (ft): 395 PLSS: T12S, R21E, Sec. 9, NW (M) Acres: 23.0 Location: 0.1 MI.NNW TO 0.4 MI NE OF STETSON RD AT HACIENDA AVE & 1.4 TO 1.7 MI NE OF COPPER AVE AT AUBERRY RD, N OF CLOVIS. Detailed Location: MAPPED TO PROVIDED COORDINATES. SW POLYGON REPRESENTS 2015 DETECTION. NE-MOST POLYGON REPRESENTS RELOCATION SITE FOR SALAMANDERS SALVAGED FROM WORKSITE AT OCCURRENCE #911 DURING 2016 2017. Ecological: 2015. RURAL RESIDENTIAL PROPERTY CONTIGUOUS WITH EXPANSIVE GRASSLAND. 2016-2017: APPROVED RELOCATION SITE FOR SALAMANDERS SALVAGED FROM CITY OF FRESNO PIPELINE PROJECT WORKSITE TO NW. General: 1 ADULT UNEARTHED DURING ESTIVATION & RELOCATED TO NEARBY BURGW ON 19 AUG 2015.1 JUVENUE INJURED AT WORKSITE (OCC #911), TREATED & RELEASED HERE 1 AUG 2016.1 SUBADULT RELOCATED HERE 7 JUN 2017. Owner/Manager: PVT Occurrence No. 1258 Map Index: A6869 EO Index: 108638 Element Last Seen: 2017-03-28 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2017-10-18 Quad Summary: Friant (3611986) County Summary: Friant (3611986) County Summary: 80 meters Lat/Long: 36.90754 / -119.68178 Accuracy: 80 meters 5.0 County Sumary: 5.0 </th <th>County Summary:</th> <th>Fresno</th> <th></th> <th></th> <th></th> <th></th> <th></th>	County Summary:	Fresno					
PLSS: T12S, R21E, Sec. 9, NW (M) Acres: 23.0 Location: 0.1 MI NNW TO 0.4 MI NE OF STETSON RD AT HACIENDA AVE & 1.4 TO 1.7 MI NE OF COPPER AVE AT AUBERRY RD, N OF CLOVIS. Detailed Location: MAPPED TO PROVIDED COORDINATES. SW POLYGON REPRESENTS 2015 DETECTION, NE-MOST POLYGON REPRESENTS RELOCATION SITE FOR SALAMANDERS SALVAGED FROM WORKSITE AT OCCURRENCE #911 DURING 2016 2017. Ecological: 2015: RURAL RESIDENTIAL PROPERTY CONTIGUOUS WITH EXPANSIVE GRASSLAND. 2016-2017: APPROVED RELOCATION SITE FOR SALAMANDERS SALVAGED FROM WORKSITE AT OCCURRENCE #911 DURING 2016 2017. General: 1 ADULT UNEARTHED DURING ESTIVATION & RELOCATED TO NEARBY BURROW ON 19 AUG 2015. 1 JUVENULE INJURED AT WORKSITE (OCC #911), TREATED & RELEASED HERE 1 AUG 2016. 1 SUBADULT RELOCATED HERE 7 JUN 2017. Owner/Manager: PVT Occurrence No. 1258 Map Index: A6869 EO Index: 108638 Element Last Seen: 2017-03-28 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2017-10-18 Quad Summary: Friant (3611986) County Summary: Fresno Lat/Long: 36.90754 / -119.68178 Accuracy: 80 meters 80 meters UTM: Zone-11 N4087974 E261073 Elevation (ft): 403 403 PLSS: T12S, R21E, Sec. 9, NE (M) Acres: 5.0 5.0 Loc	Lat/Long:	36.90821 / -	119.69266		Accuracy:	nonspecific area	
Location: 0.1 MI NNW TO 0.4 MI NE OF STETSON RD AT HACIENDA AVE & 1.4 TO 1.7 MI NE OF COPPER AVE AT AUBERRY RD, N OF CLOVIS. Detailed Location: MAPPED TO PROVIDED COORDINATES. SW POLYGON REPRESENTS 2015 DETECTION, NE-MOST POLYGON REPRESENTS RELOCATION SITE FOR SALAMANDERS SALVAGED FROM WORKSITE AT OCCURRENCE #911 DURING 2016 2017. Ecological: 2015: RURAL RESIDENTIAL PROPERTY CONTIGUOUS WITH EXPANSIVE GRASSLAND, 2016-2017: APPROVED RELOCATION SITE FOR SALAMANDERS SALVAGED FROM CITY OF FRESNO PIPELINE PROJECT WORKSITE TO NW. General: 1 ADULT UNEARTHED DURING ESTIVATION & RELOCATED TO NEARBY BURROW ON 19 AUG 2015. 1 JUVENILE INJURED AT WORKSITE (OCC #911), TREATED & RELEASED HERE 1 AUG 2016. 1 SUBADULT RELOCATED HERE 7 JUN 2017. Owner/Manager: PVT Occurrence No. 1258 Map Index: A6869 EO Index: 108638 Element Last Seen: 2017-03-28 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2017-10-18 Quad Summary: Friant (3611986) County Summary: Foresno Lat/Long: 403 Lat/Long: 36.90754 / -119.68178 Accuracy: 80 meters 5.0 Location: ABOUT 0.3 MILES WSW OF E SILAXO AT N ARMSTRONG AVE & 0.9 MILES ENE OF STETSON RD AT MARIETTA AVE, N OF CLOVIS. Detailed Location (th): 403 PLSS: T12S, R21E, Sec. 9, NE (M) Acres: 5.0 5.0 Lo	UTM:	Zone-11 N4	088077 E260105		Elevation (ft):	395	
CLOVIS. MAPPED TO PROVIDED COORDINATES. SW POLYGON REPRESENTS 2015 DETECTION. NE-MOST POLYGON REPRESENTS RELOCATION SITE FOR SALAMANDERS SALVAGED FROM WORKSITE AT OCCURRENCE #911 DURING 2016 2017. Ecological: 2015: RURAL RESIDENTIAL PROPERTY CONTIGUOUS WITH EXPANSIVE GRASSLAND. 2016-2017. APPROVED RELOCATION SITE FOR SALAMANDERS SALVAGED FROM CITY OF FRESNO PIPELINE PROJECT WORKSITE TO NW. General: 1 ADULT UNEARTHED DURING ESTIVATION & RELOCATED TO NEARBY BURROW ON 19 AUG 2015. 1 JUVENILE INJURED AT WORKSITE (OCC #911), TREATED & RELEASED HERE 1 AUG 2016. 1 SUBADULT RELOCATED HERE 7 JUN 2017. Owner/Manager: PVT Occurrence No. 1258 Map Index: A6869 EO Index: 108638 Element Last Seen: 2017-03-28 Occ. Rank: Fair Presence: Presumed Extant Site Last Seen: 2017-03-28 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2017-10-18 Quad Summary: Friant (3611986)	PLSS:	T12S, R21E	, Sec. 9, NW (M)		Acres:	23.0	
REPRESENTS RELOCATION SITE FOR SALAMANDERS SALVAGED FROM WORKSITE AT OCCURRENCE #911 DURING 2016 2017. Ecological: 2015: RURAL RESIDENTIAL PROPERTY CONTIGUOUS WITH EXPANSIVE GRASSLAND. 2016-2017: APPROVED RELOCATION SITE FOR SALAMANDERS SALVAGED FROM CITY OF FRESNO PIPELINE PROJECT WORKSITE TO NW. General: 1 ADULT UNEARTHED DURING ESTIVATION & RELOCATED TO NEARBY BURROW ON 19 AUG 2015. 1 JUVENILE INJURED AT WORKSITE (OCC #911), TREATED & RELEASED HERE 1 AUG 2016. 1 SUBADULT RELOCATED HERE 7 JUN 2017. Owner/Manager: PVT Occurrence No. 1258 Map Index: A6869 EO Index: 108638 Element Last Seen: 2017-03-28 Occ. Rank: Fair Presence: Presumed Extant Site Last Seen: 2017-03-28 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2017-10-38 Quad Summary: Friant (3611986) County Summary: Fresno Ilevation (ft): 403 Lat/Long: 36.90754 / -119.68178 Accuracy: 80 meters 5.0 Location: ABOUT 0.3 MILES WSW OF E SILAXO AT N ARMSTRONG AVE & 0.9 MILES ENE OF STETSON RD AT MARIETTA AVE, N OF CLOVIS. Detailed Location: APPROVED RELOCATION SITE FOR SALAMANDERS SALVAGED FROM CITY OF FRESNO PIPLINE PROJECT WORKSITE TO NW. General: 24 LARVAE RESCUED FROM WORKSITE ON 24 MAR 2017 AND R	Location:		TO 0.4 MI NE OF STETSON	N RD AT HACIE	ENDA AVE & 1.4 TO 1.7 MI NE C	OF COPPER AVE AT AUBER	RY RD, N OF
SITE FOR SALAMANDERS SALVAGED FROM CITY OF FRESNO PIPELINE PROJECT WORKSITE TO NW. General: 1 ADULT UNEARTHED DURING ESTIVATION & RELOCATED TO NEARBY BURROW ON 19 AUG 2015. 1 JUVENILE INJURED AT WORKSITE (OCC #911), TREATED & RELEASED HERE 1 AUG 2016. 1 SUBADULT RELOCATED HERE 7 JUN 2017. Owner/Manager: PVT Occurrence No. 1258 Map Index: A6869 EO Index: 108638 Element Last Seen: 2017-03-28 Occ. Rank: Fair Presence: Presence: Presumed Extant Site Last Seen: 2017-03-28 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2017-10-18 Quad Summary: Friant (3611986) County Summary: Fresno Ilevation (ft): 403 PLSS: T12S, R21E, Sec. 9, NE (M) Accuracy: 80 meters Ilevation (ft): 403 PLSS: T12S, R21E, Sec. 9, NE (M) Acres: 5.0 Ilocation: ABOUT 0.3 MILES WSW OF E SILAXO AT N ARMSTRONG AVE & 0.9 MILES ENE OF STETSON RD AT MARIETTA AVE, N OF CLOVIS. Detailed Location: LARVAE WERE RESCUED FROM WORKSITE AT OCCURRENCE #911, ABOUT A MILE NW FROM THIS OCCURRENCE, AND RELOCATED TO THIS SITE. Ecological: APPROVED RELOCATION SITE FOR SALAMANDERS SALVAGED FROM CITY OF FRESNO PIPLINE PROJECT WORKSITE TO NW. <th>Detailed Location:</th> <th>REPRESEN</th> <th></th> <th></th> <th></th> <th></th> <th></th>	Detailed Location:	REPRESEN					
AT WORKSITE (OCC #911), TREATED & RELEASED HERE 1 AUG 2016. 1 SUBADULT RELOCATED HERE 7 JUN 2017. Owner/Manager: PVT Occurrence No. 1258 Map Index: A6869 EO Index: 108638 Element Last Seen: 2017-03-28 Occ. Rank: Fair Presence: Presumed Extant Site Last Seen: 2017-03-28 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2017-10-18 Quad Summary: Friant (3611986)	Ecological:						RELOCATION
Occurrence No. 1258 Map Index: A6869 EO Index: 108638 Element Last Seen: 2017-03-28 Occ. Rank: Fair Presence: Presumed Extant Site Last Seen: 2017-03-28 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2017-03-28 Quad Summary: Friant (3611986) County Summary: Fresno Record Last Updated: 2017-10-18 Lat/Long: 36.90754 / -119.68178 Accuracy: 80 meters UTM: 20ne-11 N4087974 E261073 Elevation (ft): 403 PLSS: T12S, R21E, Sec. 9, NE (M) Acres: 5.0 5.0 Courte: Location: ABOUT 0.3 MILES WSW OF E SILAXO AT N ARMSTRONG AVE & 0.9 MILES ENE OF STETSON RD AT MARIETTA AVE, N OF CLOVIS. Detailed Location: LARVAE WERE RESCUED FROM WORKSITE AT OCCURRENCE #911, ABOUT A MILE NW FROM THIS OCCURRENCE, AND RELOCATED TO THIS SITE. Ecological: APPROVED RELOCATION SITE FOR SALAMANDERS SALVAGED FROM CITY OF FRESNO PIPLINE PROJECT WORKSITE TO NW. Quad Summary Sum	General:						
Occ. Rank: Fair Presence: Presumed Extant Site Last Seen: 2017-03-28 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2017-10-18 Quad Summary: Friant (3611986) Fresno Image: Second Last Updated: 2017-10-18 Quad Summary: Fresno Fresno Accuracy: 80 meters Lat/Long: 36.90754 / -119.68178 Accuracy: 80 meters UTM: Zone-11 N4087974 E261073 Elevation (ft): 403 PLSS: T12S, R21E, Sec. 9, NE (M) Acres: 5.0 Location: ABOUT 0.3 MILES WSW OF E SILAXO AT N ARMSTRONG AVE & 0.9 MILES ENE OF STETSON RD AT MARIETTA AVE, N OF CLOVIS. Detailed Location: LARVAE WERE RESCUED FROM WORKSITE AT OCCURRENCE #911, ABOUT A MILE NW FROM THIS OCCURRENCE, AND RELOCATED TO THIS SITE. Ecological: APPROVED RELOCATION SITE FOR SALAMANDERS SALVAGED FROM CITY OF FRESNO PIPLINE PROJECT WORKSITE TO NW. General: 24 LARVAE RESCUED FROM WORKSITE ON 24 MAR 2017 AND RELOCATED HERE. AN ADDITIONAL 3 LARVAE WERE	Owner/Manager:	PVT					
Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2017-10-18 Quad Summary: Friant (3611986) County Summary: Fresno Accuracy: 80 meters Lat/Long: 36.90754 / -119.68178 Accuracy: 80 meters Other interval Other interval UTM: Zone-11 N4087974 E261073 Elevation (ft): 403 PLSS: T12S, R21E, Sec. 9, NE (M) Acres: 5.0 Location: ABOUT 0.3 MILES WSW OF E SILAXO AT N ARMSTRONG AVE & 0.9 MILES ENE OF STETSON RD AT MARIETTA AVE, N OF CLOVIS. Detailed Location: LARVAE WERE RESCUED FROM WORKSITE AT OCCURRENCE #911, ABOUT A MILE NW FROM THIS OCCURRENCE, AND RELOCATED TO THIS SITE. Ecological: APPROVED RELOCATION SITE FOR SALAMANDERS SALVAGED FROM CITY OF FRESNO PIPLINE PROJECT WORKSITE TO NW. General: 24 LARVAE RESCUED FROM WORKSITE ON 24 MAR 2017 AND RELOCATED HERE. AN ADDITIONAL 3 LARVAE WERE	Occurrence No.	1258	Map Index: A6869	EO Index:	108638	Element Last Seen:	2017-03-28
Quad Summary: Friant (3611986) County Summary: Fresno Lat/Long: 36.90754 / -119.68178 Accuracy: 80 meters UTM: Zone-11 N4087974 E261073 Elevation (ft): 403 PLSS: T12S, R21E, Sec. 9, NE (M) Acres: 5.0 Location: ABOUT 0.3 MILES WSW OF E SILAXO AT N ARMSTRONG AVE & 0.9 MILES ENE OF STETSON RD AT MARIETTA AVE, N OF CLOVIS. Detailed Location: LARVAE WERE RESCUED FROM WORKSITE AT OCCURRENCE #911, ABOUT A MILE NW FROM THIS OCCURRENCE, AND RELOCATED TO THIS SITE. Ecological: APPROVED RELOCATION SITE FOR SALAMANDERS SALVAGED FROM CITY OF FRESNO PIPLINE PROJECT WORKSITE TO NW. General: 24 LARVAE RESCUED FROM WORKSITE ON 24 MAR 2017 AND RELOCATED HERE. AN ADDITIONAL 3 LARVAE WERE	Occ. Rank:	Fair		Presence:	Presumed Extant	Site Last Seen:	2017-03-28
County Summary: Fresno Lat/Long: 36.90754 / -119.68178 Accuracy: 80 meters UTM: Zone-11 N4087974 E261073 Elevation (ft): 403 PLSS: T12S, R21E, Sec. 9, NE (M) Acres: 5.0 Location: ABOUT 0.3 MILES WSW OF E SILAXO AT N ARMSTRONG AVE & 0.9 MILES ENE OF STETSON RD AT MARIETTA AVE, N OF CLOVIS. Detailed Location: LARVAE WERE RESCUED FROM WORKSITE AT OCCURRENCE #911, ABOUT A MILE NW FROM THIS OCCURRENCE, AND RELOCATED TO THIS SITE. Ecological: APPROVED RELOCATION SITE FOR SALAMANDERS SALVAGED FROM CITY OF FRESNO PIPLINE PROJECT WORKSITE TO NW. General: 24 LARVAE RESCUED FROM WORKSITE ON 24 MAR 2017 AND RELOCATED HERE. AN ADDITIONAL 3 LARVAE WERE							
Lat/Long: 36.90754 / -119.68178 Accuracy: 80 meters UTM: Zone-11 N4087974 E261073 Elevation (ft): 403 PLSS: T12S, R21E, Sec. 9, NE (M) Acres: 5.0 Location: ABOUT 0.3 MILES WSW OF E SILAXO AT N ARMSTRONG AVE & 0.9 MILES ENE OF STETSON RD AT MARIETTA AVE, N OF CLOVIS. Detailed Location: LARVAE WERE RESCUED FROM WORKSITE AT OCCURRENCE #911, ABOUT A MILE NW FROM THIS OCCURRENCE, AND RELOCATED TO THIS SITE. Ecological: APPROVED RELOCATION SITE FOR SALAMANDERS SALVAGED FROM CITY OF FRESNO PIPLINE PROJECT WORKSITE TO NW. General: 24 LARVAE RESCUED FROM WORKSITE ON 24 MAR 2017 AND RELOCATED HERE. AN ADDITIONAL 3 LARVAE WERE	Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2017-10-18
UTM: Zone-11 N4087974 E261073 Elevation (ft): 403 PLSS: T12S, R21E, Sec. 9, NE (M) Acres: 5.0 Location: ABOUT 0.3 MILES WSW OF E SILAXO AT N ARMSTRONG AVE & 0.9 MILES ENE OF STETSON RD AT MARIETTA AVE, N OF CLOVIS. Detailed Location: LARVAE WERE RESCUED FROM WORKSITE AT OCCURRENCE #911, ABOUT A MILE NW FROM THIS OCCURRENCE, AND RELOCATED TO THIS SITE. Ecological: APPROVED RELOCATION SITE FOR SALAMANDERS SALVAGED FROM CITY OF FRESNO PIPLINE PROJECT WORKSITE TO NW. General: 24 LARVAE RESCUED FROM WORKSITE ON 24 MAR 2017 AND RELOCATED HERE. AN ADDITIONAL 3 LARVAE WERE				Trend:	Unknown	Record Last Updated:	2017-10-18
PLSS: T12S, R21E, Sec. 9, NE (M) Acres: 5.0 Location: ABOUT 0.3 MILES WSW OF E SILAXO AT N ARMSTRONG AVE & 0.9 MILES ENE OF STETSON RD AT MARIETTA AVE, N OF CLOVIS. Detailed Location: LARVAE WERE RESCUED FROM WORKSITE AT OCCURRENCE #911, ABOUT A MILE NW FROM THIS OCCURRENCE, AND RELOCATED TO THIS SITE. Ecological: APPROVED RELOCATION SITE FOR SALAMANDERS SALVAGED FROM CITY OF FRESNO PIPLINE PROJECT WORKSITE TO NW. General: 24 LARVAE RESCUED FROM WORKSITE ON 24 MAR 2017 AND RELOCATED HERE. AN ADDITIONAL 3 LARVAE WERE	Quad Summary:	Friant (3611		Trend:	Unknown	Record Last Updated:	2017-10-18
Location: ABOUT 0.3 MILES WSW OF E SILAXO AT N ARMSTRONG AVE & 0.9 MILES ENE OF STETSON RD AT MARIETTA AVE, N OF CLOVIS. Detailed Location: LARVAE WERE RESCUED FROM WORKSITE AT OCCURRENCE #911, ABOUT A MILE NW FROM THIS OCCURRENCE, AND RELOCATED TO THIS SITE. Ecological: APPROVED RELOCATION SITE FOR SALAMANDERS SALVAGED FROM CITY OF FRESNO PIPLINE PROJECT WORKSITE TO NW. General: 24 LARVAE RESCUED FROM WORKSITE ON 24 MAR 2017 AND RELOCATED HERE. AN ADDITIONAL 3 LARVAE WERE	Quad Summary: County Summary:	Friant (3611 Fresno	986)	Trend:			2017-10-18
CLOVIS. Detailed Location: LARVAE WERE RESCUED FROM WORKSITE AT OCCURRENCE #911, ABOUT A MILE NW FROM THIS OCCURRENCE, AND RELOCATED TO THIS SITE. Ecological: APPROVED RELOCATION SITE FOR SALAMANDERS SALVAGED FROM CITY OF FRESNO PIPLINE PROJECT WORKSITE TO NW. General: 24 LARVAE RESCUED FROM WORKSITE ON 24 MAR 2017 AND RELOCATED HERE. AN ADDITIONAL 3 LARVAE WERE	Quad Summary: County Summary: Lat/Long:	Friant (3611 Fresno 36.90754 / -	986) 119.68178	Trend:	Accuracy:	80 meters	2017-10-18
RELOCATED TO THIS SITE. Ecological: APPROVED RELOCATION SITE FOR SALAMANDERS SALVAGED FROM CITY OF FRESNO PIPLINE PROJECT WORKSITE TO NW. General: 24 LARVAE RESCUED FROM WORKSITE ON 24 MAR 2017 AND RELOCATED HERE. AN ADDITIONAL 3 LARVAE WERE	Quad Summary: County Summary: Lat/Long: UTM:	Friant (3611 Fresno 36.90754 / - Zone-11 N4	986) 119.68178 087974 E261073	Trend:	Accuracy: Elevation (ft):	80 meters 403	2017-10-18
NW. General: 24 LARVAE RESCUED FROM WORKSITE ON 24 MAR 2017 AND RELOCATED HERE. AN ADDITIONAL 3 LARVAE WERE	Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Friant (3611 Fresno 36.90754 / - Zone-11 N40 T12S, R21E ABOUT 0.3	986) 119.68178 087974 E261073 :, Sec. 9, NE (M)		Accuracy: Elevation (ft): Acres:	80 meters 403 5.0	
	Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Friant (3611 Fresno 36.90754 / - Zone-11 N44 T12S, R21E ABOUT 0.3 CLOVIS. LARVAE WE	986) 119.68178 087974 E261073 5, Sec. 9, NE (M) MILES WSW OF E SILAXO / ERE RESCUED FROM WOR	AT N ARMSTR	Accuracy: Elevation (ft): Acres: ONG AVE & 0.9 MILES ENE OF	80 meters 403 5.0 STETSON RD AT MARIETT	A AVE, N OF
	Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Friant (3611 Fresno 36.90754 / - Zone-11 N44 T12S, R21E ABOUT 0.3 CLOVIS. LARVAE WE RELOCATE APPROVED	986) 119.68178 087974 E261073 5, Sec. 9, NE (M) MILES WSW OF E SILAXO / ERE RESCUED FROM WOR D TO THIS SITE.	AT N ARMSTR RKSITE AT OCC	Accuracy: Elevation (ft): Acres: ONG AVE & 0.9 MILES ENE OF CURRENCE #911, ABOUT A MI	80 meters 403 5.0 STETSON RD AT MARIETT LE NW FROM THIS OCCURF	A AVE, N OF RENCE, AND
Owner/Manager: PVT	Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological:	Friant (3611 Fresno 36.90754 / - Zone-11 N44 T12S, R21E ABOUT 0.3 CLOVIS. LARVAE WE RELOCATE APPROVED NW. 24 LARVAE	986) 119.68178 087974 E261073 Sec. 9, NE (M) MILES WSW OF E SILAXO / ERE RESCUED FROM WOR D TO THIS SITE. D RELOCATION SITE FOR S RESCUED FROM WORKSI	AT N ARMSTR KSITE AT OCO ALAMANDERS	Accuracy: Elevation (ft): Acres: ONG AVE & 0.9 MILES ENE OF CURRENCE #911, ABOUT A MI S SALVAGED FROM CITY OF F	80 meters 403 5.0 STETSON RD AT MARIETT LE NW FROM THIS OCCURF RESNO PIPLINE PROJECT V	A AVE, N OF RENCE, AND VORKSITE TO



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VERSTI						
Occurrence No.	1259	Map Index: A7971	EO Index:	109759	Element Last Seen:	2017-04-10
Occ. Rank:	Poor		Presence:	Presumed Extant	Site Last Seen:	2017-04-10
Осс. Туре:	Natural/N	ative occurrence	Trend:	Unknown	Record Last Updated:	2018-01-04
Quad Summary:	Madera (3612081)				
County Summary:	Madera					
Lat/Long:	36.98616	/ -120.03133		Accuracy:	specific area	
UTM:	Zone-10 I	N4097457 E764221		Elevation (ft):	292	
PLSS:	T11S, R1	8E, Sec. 8, SW (M)		Acres:	12.0	
Location:		ND RIGHT OF WAY FROM AB RD IN MADERA.	OUT 0.1-0.2 MI	NW OF THE RAYMOND RD CR	OSSING, 1.0 MI NE OF HWY	145 AT
Detailed Location:	MAPPED	TO PROVIDED COORDINAT	ES.			
Ecological:	PONDED	AREAS ADJACENT TO DIRT	ROADS AND F	AILROAD TRACKS, IN HEAVIL	Y DISTURBED GRASSLAND	
General:		LARVAE OBSERVED IN PON OBSERVED IN ADDITIONAL		ONG DIRT ROAD ON 29 MAR 20 APR 2017.	017. 100S MORE WELL-DEV	ELOPED
Owner/Manager:	PVT-BNS	F RAILROAD				
Occurrence No.	1269	Map Index: A8132	EO Index:	109915	Element Last Seen:	2017-03-30
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2017-03-30
Осс. Туре:	Natural/N	ative occurrence	Trend:	Unknown	Record Last Updated:	2018-01-19
Quad Summary:	Lanes Bri	dge (3611987)				
County Summary:	Madera					
Lat/Long:	36.94202	/ -119.79165		Accuracy:	80 meters	
UTM:	Zone-11 I	N4092082 E251394		Elevation (ft):	395	
PLSS:	T11S, R2	0E, Sec. 28, SE (M)		Acres:	5.0	
Location:	ABOUT 0	.9 MILES SSE OF AVE 14 AT	HUNTINGTON	RD & 1.3 MILES NNE OF HWY	41 AT AVE 12, NORTH OF F	RESNO.
Detailed Location:	MAPPED	TO PROVIDED COORDINAT	ES.			
Ecological:	ABUNDA		RROWS IN UPL	SLAND ON DEPARTMENT OF 1 AND PROVIDE HABITAT FOR A		
General:	3 LARVA	E DETECTED IN 2 OUT OF 16	6 POOLS DIPNE	ETTED ON PROPERTY FROM 2	7-30 MAR 2017.	
Owner/Manager:	CALTRA	NS				
Spea hammon					Element Code: AAA	3F02020
western spadefo						
Listing Status:		None		CNDDB Element Ran		
	State:	None			State: S3	
	Other:	_ / _		Special Concern, IUCN_NT-Near		
Habitat:	General:	WOODLANDS.		BITATS, BUT CAN BE FOUND I	N VALLEY-FOOTHILL HARD	WOOD
	Micro:	VERNAL POOLS ARE ESS	ENTIAL FOR BI	REEDING AND EGG-LAYING.		



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Occurrence No.	23	Map Index: 22101	EO Index:	16883	Element Last Seen:	2016-02-18
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2016-02-18
Occ. Type:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2017-01-25
	Longo Bridge	0 (2611087)				
Quad Summary: County Summary:	Lanes Bridge Madera	e (3011907)				
Lat/Long:	36.91635 / -^			Accuracy:	nonspecific area	
UTM:		089229 E251480		Elevation (ft):	362	
PLSS:	T12S, R20E,	, Sec. 4, E (M)		Acres:	82.0	
Location:	VICINITY OF FRIANT.	F ROOT CREEK, FROM AB	OUT 0.3 MI ES	E TO 0.7 MILES SSE OF YOSE	MITE FWY (HWY 41) AT AVE	12, 9 MI W OF
Detailed Location:		THE EAST AND ABOUT 0.		DESCRIBED ONLY AS N1/2 SE VE 12." 2016 DETECTION LOC		
Ecological:				NATED BY HORDEUM GENICU RNAL SWALES SURROUNDED		SEYI,
General:		MATED NUMBER OF TADP RVAE OBSERVED ON 18 F		/ED ON 19 MAR 1992. 2 ADULT	S OBSERVED IN AMPLEXU	S ON 21 JAN
Owner/Manager:	PVT					
0						
Occurrence No.	27	Map Index: 22171	EO Index:	20000	Element Last Seen:	2008-03-12
Occurrence No. Occ. Rank:	27 Excellent	Map Index: 22171	EO Index: Presence:	20000 Presumed Extant	Element Last Seen: Site Last Seen:	2008-03-12 2008-03-26
	Excellent	Map Index: 22171				
Occ. Rank:	Excellent	ve occurrence	Presence:	Presumed Extant	Site Last Seen:	2008-03-26
Occ. Rank: Occ. Type:	Excellent Natural/Nativ	ve occurrence	Presence:	Presumed Extant	Site Last Seen:	2008-03-26
Occ. Rank: Occ. Type: Quad Summary:	Excellent Natural/Nativ Friant (3611	ve occurrence 986)	Presence:	Presumed Extant	Site Last Seen:	2008-03-26
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Excellent Natural/Nativ Friant (36119 Fresno 36.97664 / -*	ve occurrence 986)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2008-03-26
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Excellent Natural/Nativ Friant (36119 Fresno 36.97664 / - Zone-11 N40	ve occurrence 986) 119.71324	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: specific area	2008-03-26
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Excellent Natural/Nativ Friant (36119 Fresno 36.97664 / Zone-11 N40 T11S, R21E	ve occurrence 986) 119.71324 095722 E258487 , Sec. 18 (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: specific area 400 708.9	2008-03-26
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Excellent Natural/Nativ Friant (36119 Fresno 36.97664 / - ² Zone-11 N40 T11S, R21E EAST OF FR	ve occurrence 986) 119.71324 095722 E258487 , Sec. 18 (M) RIANT ROAD AND WEST O	Presence: Trend: F THE FRIANT	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 400 708.9	2008-03-26
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Excellent Natural/Nativ Friant (36119 Fresno 36.97664 / -7 Zone-11 N40 T11S, R21E EAST OF FF THE PLAYA	ve occurrence 986) 119.71324 095722 E258487 , Sec. 18 (M) RIANT ROAD AND WEST O POOL AT THE SW CORNE	Presence: Trend: F THE FRIANT	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: KERN CANAL, SOUTH OF FRI	Site Last Seen: Record Last Updated: specific area 400 708.9 ANT.	2008-03-26 2019-02-15
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Excellent Natural/Nativ Friant (36119 Fresno 36.97664 / - / Zone-11 N40 T11S, R21E, EAST OF FF THE PLAYA 2008: LARG FORBS. SPADEFOO	ve occurrence 986) 119.71324 095722 E258487 , Sec. 18 (M) RIANT ROAD AND WEST O . POOL AT THE SW CORNE E VERNAL POOL WITHIN C T TOADS FOUND IN AN EX	Presence: Trend: F THE FRIANT R OF FRIANT GRAZED GRAS	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: KERN CANAL, SOUTH OF FRI RANCH SURVEYED IN 2008.	Site Last Seen: Record Last Updated: specific area 400 708.9 ANT. E AND NON-NATIVE GRASS SLAND ON 5 APR 1992. TIGE	2008-03-26 2019-02-15



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Occurrence No.	28	Map Index: 23081	EO Index:	20430		Element Last Seen:	1992-XX-XX
Occ. Rank:	Fair		Presence:	Presumed Ex	tant	Site Last Seen:	1992-XX-XX
Осс. Туре:	Natural/Nati	ive occurrence	Trend:	Unknown		Record Last Updated:	1993-06-03
Quad Summary:	Friant (3611	1986)					
County Summary:	Fresno						
Lat/Long:	36.98360 / -	-119.69843			Accuracy:	nonspecific area	
UTM:	Zone-11 N4	1096457 E259827			Elevation (ft):	500	
PLSS:	T11S, R21E	E, Sec. 08 (M)			Acres:	120.6	
Location:	EAST OF F	RIANT-KERN CANAL, SW (OF MILLERTON	LAKE STATE I	RECREATION AR	EA.	
Detailed Location:	BOTH ADU	LTS AND JUVENILES FOUI	ND IN 3 CATTLE	E PONDS LOC	ATED 0.5 MILE A	PART.	
Ecological:	HABITAT C	CONSISTS OF 3 CATTLE PC	NDS SURROU	NDED BY GRA	ZED NON-NATIV	E GRASSLAND.	
General:	MANY ADU	ILTS AND JUVENILES OBS		G 1992 VISIT T	O THIS SITE.		
Owner/Manager:	PVT						
Occurrence No.	29	Map Index: 32551	EO Index:	1756		Element Last Seen:	1992-XX-XX
Occ. Rank:	None		Presence:	Possibly Extir	rpated	Site Last Seen:	1992-XX-XX
Осс. Туре:	Natural/Nati	ive occurrence	Trend:	Unknown		Record Last Updated:	2009-06-17
Quad Summary:	Friant (3611	1986)					
County Summary:	Fresno						
Lat/Long:	36.91077/-	-119.73529			Accuracy:	specific area	
UTM:	Zone-11 N4	1088468 E256314			Elevation (ft):	360	
PLSS:	T12S, R20E	E, Sec. 01, SE (M)			Acres:	5.6	
Location:	1.2 KM SOL	UTH OF THE INTERSECTIC	N OF FRIANT F	ROAD AND WIL	LOW AVENUE, 1	0 KM SSW OF FRIANT.	
Detailed Location:	THREE CLO SOUTHERN		. POOLS: 1 LAR	GE POOL IN N	IORTHERN REGI	ON AND 2 SMALLER POOLS	S IN
Ecological:		ONSISTS OF THREE VERNIOTO SHOWS SITE DEVEL); ROLLING HILL TOPOGRA IAL.	PHY. 2009
General:	OBSERVAT PRESENT.		TAGE UNKNO	WN; AMBYSTO	MA CALIFORNIE	NSE AND BRANCHINECTA	LYNCHI ALSO
Owner/Manager:	PVT						
Occurrence No.	59	Map Index: 32328	EO Index:	2784		Element Last Seen:	1978-04-08
Occ. Rank:	Unknown		Presence:	Presumed Ex	tant	Site Last Seen:	1978-04-08
Осс. Туре:	Natural/Nati	ive occurrence	Trend:	Unknown		Record Last Updated:	1995-07-20
Quad Summary:	Millerton La	ke West (3711916), O'Neals	(3711926)				
County Summary:	Madera						
County Summary: Lat/Long:	Madera 37.13249 / -	-119.72326			Accuracy:	1 mile	
	37.13249 / -	-119.72326 I113041 E258091			Accuracy: Elevation (ft):	1 mile 1380	
Lat/Long:	37.13249 / - Zone-11 N4				-		
Lat/Long: UTM:	37.13249 / - Zone-11 N4 T09S, R21E	113041 E258091	NORTHEAST C	OF THE O'NEAL	Elevation (ft): Acres:	1380 0.0	
Lat/Long: UTM: PLSS:	37.13249 / - Zone-11 N4 T09S, R21E	1113041 E258091 E, Sec. 19 (M)	NORTHEAST C	DF THE O'NEAL	Elevation (ft): Acres:	1380 0.0	
Lat/Long: UTM: PLSS: Location:	37.13249 / - Zone-11 N4 T09S, R21E	1113041 E258091 E, Sec. 19 (M) D'NEALS; APPROX. 1.9 KM	NORTHEAST C	OF THE O'NEAL	Elevation (ft): Acres:	1380 0.0	
Lat/Long: UTM: PLSS: Location: Detailed Location:	37.13249 / - Zone-11 N4 T09S, R21E WEST OF C SEVERAL F	1113041 E258091 E, Sec. 19 (M) D'NEALS; APPROX. 1.9 KM		OF THE O'NEAL	Elevation (ft): Acres:	1380 0.0	



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Occurrence No.	103	Map Index: 33337	EO Index:	517	Element Last Seen:	1995-04-03
Occ. Rank:	Good	·	Presence:	Presumed Extant	Site Last Seen:	2001-11-27
Осс. Туре:	Natural/Nat	tive occurrence	Trend:	Unknown	Record Last Updated:	2002-01-02
Quad Summary:	Friant (361	1986)				
County Summary:	Fresno					
Lat/Long:	36.91139 /	-119.71441		Accuracy:	80 meters	
UTM:	Zone-11 N4	4088484 E258177		Elevation (ft):	405	
PLSS:	T12S, R211	E, Sec. 06, SE (M)		Acres:	0.0	
Location:	1 MILE NO	RTH OF COPPER AVENUE,	ON THE EAST	SIDE OF AUBERRY ROAD, 5.	5 MILES SOUTH OF FRIANT.	
Detailed Location:	LOCATED	IN A VERNAL POOL IMMED	IATELY ADJAC	ENT TO THE ROAD.		
Ecological:	HABITAT C PRESENT.		OOL IN NON-NA	ATIVE GRASSLAND. RANA CA	FESBIANA AND HYLA REGIL	LA ALSO
General:				RIL 1995. SITE WAS OBSERVE CORRECT TIME OF YEAR FOR		E APPEARED
Owner/Manager:	CSU-FRES	SNO				
Occurrence No.	104	Map Index: 33338	EO Index:	23154	Element Last Seen:	1995-03-28
Occurrence No. Occ. Rank:	104 Excellent	Map Index: 33338	EO Index: Presence:	23154 Presumed Extant	Element Last Seen: Site Last Seen:	1995-03-28 1995-03-28
	Excellent	Map Index: 33338				
Occ. Rank:	Excellent Natural/Nat	·	Presence:	Presumed Extant	Site Last Seen:	1995-03-28
Occ. Rank: Occ. Type:	Excellent Natural/Nat	tive occurrence	Presence:	Presumed Extant	Site Last Seen:	1995-03-28
Occ. Rank: Occ. Type: Quad Summary:	Excellent Natural/Nat Lanes Bridg Madera	tive occurrence	Presence:	Presumed Extant	Site Last Seen:	1995-03-28
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Excellent Natural/Nat Lanes Bridg Madera 36.96913 /	tive occurrence ge (3611987)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	1995-03-28
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Excellent Natural/Nat Lanes Bridg Madera 36.96913 / Zone-11 N4	tive occurrence ge (3611987) -119.82762	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: 80 meters	1995-03-28
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Excellent Natural/Nat Lanes Bridg Madera 36.96913 / Zone-11 N4 T11S, R20	tive occurrence ge (3611987) -119.82762 4095185 E248279 E, Sec. 18, SE (M) EAST OF THE ROAD 39-1/2	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 80 meters 370 0.0	1995-03-28 1996-06-07
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Excellent Natural/Nat Lanes Bridg Madera 36.96913 / Zone-11 N4 T11S, R200 0.25 MILE MOUNTAIN	tive occurrence ge (3611987) -119.82762 4095185 E248279 E, Sec. 18, SE (M) EAST OF THE ROAD 39-1/2 N.	Presence: Trend: ALIGNMENT A	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 80 meters 370 0.0 UE 15, WEST OF LITTLE TAE	1995-03-28 1996-06-07
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Excellent Natural/Nat Lanes Bridg Madera 36.96913 / Zone-11 N4 T11S, R201 0.25 MILE MOUNTAIN 1995-LOCA HABITAT C	tive occurrence ge (3611987) -119.82762 4095185 E248279 E, Sec. 18, SE (M) EAST OF THE ROAD 39-1/2 N. ATED IN THE FOURTH POOL	Presence: Trend: ALIGNMENT A L IN A SERIES. /ERNAL POOL	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: ND 0.2 MILE NORTH OF AVEN 1993-G. KIRKPATRICK SAMPI IN NON-NATIVE GRASSLAND.	Site Last Seen: Record Last Updated: 80 meters 370 0.0 UE 15, WEST OF LITTLE TAE LED 4 POOLS IN A SERIES.	1995-03-28 1996-06-07
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Excellent Natural/Nat Lanes Bridg Madera 36.96913 / Zone-11 N4 T11S, R201 0.25 MILE MOUNTAIN 1995-LOCA HABITAT C OCCIDENT	tive occurrence ge (3611987) -119.82762 4095185 E248279 E, Sec. 18, SE (M) EAST OF THE ROAD 39-1/2 N. ATED IN THE FOURTH POOI CONSISTS OF A CLAYPAN V TALIS, AND BRANCHINECTA	Presence: Trend: ALIGNMENT A L IN A SERIES. (ERNAL POOL A LYNCHI ALSO	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: ND 0.2 MILE NORTH OF AVEN 1993-G. KIRKPATRICK SAMPI IN NON-NATIVE GRASSLAND.	Site Last Seen: Record Last Updated: 80 meters 370 0.0 UE 15, WEST OF LITTLE TAE LED 4 POOLS IN A SERIES. HYLA REGILLA, LINDERIELI	1995-03-28 1996-06-07 BLE



California Department of Fish and Wildlife



Occurrence No.	105	Map Index: 14592	EO Index:	27678	Element Last Seen:	1995-03-28
Occ. Rank:	Excellent		Presence:	Presumed Extant	Site Last Seen:	1995-03-28
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	1998-08-06
Quad Summary:	Lanes Bridg	e (3611987)				
County Summary:	Madera					
Lat/Long:	36.96855 / -	119.84268		Accuracy:	nonspecific area	
UTM:	Zone-11 N4	095160 E246936		Elevation (ft):	380	
PLSS:	T11S, R19E	, Sec. 13, SW (M)		Acres:	127.6	
Location:	0.4 MILE WI	EST OF ROAD 39-1/2, JUS	T NORTH OF A	VENUE 15, WEST OF LITTLE TA	ABLE MOUNTAIN.	
Detailed Location:		CATED ON A SIX-SECTION CASTLE COOK DEVELOP		OPERTY WHICH IS QUITE NEAI	R TWO PROPOSED NEW CI	TIES, RIO
Ecological:				& SWALES IN NON-NATIVE GRA REAS, HYLA REGILLA BRANCH		
General:				N 28 MARCH 1995. TOADS & TI CTA LYNCHI SURVEY IN SPRIN		I OBSERVED
Owner/Manager:	PVT					
Occurrence No.	106	Map Index: 33340	EO Index:	23162	Element Last Seen:	2017-03-30
	106 Good	Map Index: 33340	EO Index: Presence:	23162 Presumed Extant	Element Last Seen: Site Last Seen:	
Occ. Rank:	Good	Map Index: 33340				2017-03-30
Occ. Rank: Occ. Type:	Good	ve occurrence	Presence:	Presumed Extant	Site Last Seen:	2017-03-30
Occ. Rank: Occ. Type: Quad Summary:	Good Natural/Nativ	ve occurrence	Presence:	Presumed Extant	Site Last Seen:	2017-03-30
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Good Natural/Nativ	ve occurrence e (3611987)	Presence:	Presumed Extant	Site Last Seen:	2017-03-30 2017-03-30 2019-02-08
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Good Natural/Nativ Lanes Bridg Madera 36.9474 / -1	ve occurrence e (3611987)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2017-03-30
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Good Natural/Nativ Lanes Bridg Madera 36.9474 / -1 Zone-11 N44	ve occurrence e (3611987) 19.79232	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: nonspecific area	2017-03-30
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Good Natural/Nativ Lanes Bridg Madera 36.9474 / -1 Zone-11 N44 T11S, R20E	ve occurrence e (3611987) 19.79232 092681 E251352 , Sec. 28, E (M) ATE HIGHWAY 41, FROM 1	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: nonspecific area 406 151.0	2017-03-30 2019-02-08
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Good Natural/Nativ Lanes Bridg Madera 36.9474 / -1 Zone-11 N44 T11S, R20E ALONG STA NORTH OF 1992: WEST	ve occurrence e (3611987) 19.79232 092681 E251352 , Sec. 28, E (M) ATE HIGHWAY 41, FROM 1 PINEDALE. T OF STATE HIGHWAY 41.	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: nonspecific area 406 151.0 UTH OF THE MADERA CAN MADERA COUNTY MILEPOS	2017-03-30 2019-02-08 AL, 7 MILES
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Good Natural/Nativ Lanes Bridg Madera 36.9474 / -1 Zone-11 N44 T11S, R20E ALONG STA NORTH OF 1992: WEST STATE HIGE HABITAT CO PLAGIOBOT	ve occurrence e (3611987) 19.79232 092681 E251352 , Sec. 28, E (M) ATE HIGHWAY 41, FROM 1 PINEDALE. T OF STATE HIGHWAY 41. HWAY 41; SOUTH OF MILI ONSISTS OF A SWALE-LIP	Presence: Trend: 1.2 MILES NORT 1995: APPROX EPOST 5.0 APP (E VERNAL POO UTTIA INAEQUA	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: TH OF AVENUE 12 TO JUST SO IMATELY 30 YARDS EAST OF M	Site Last Seen: Record Last Updated: nonspecific area 406 151.0 UTH OF THE MADERA CAN MADERA COUNTY MILEPOS 5: 251146E, 4092251N. SSIMA, ERYNGIUM VASEYI,	2017-03-30 2019-02-08 AL, 7 MILES
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Good Natural/Nativ Lanes Bridg Madera 36.9474 / -1 Zone-11 N44 T11S, R20E ALONG ST/ NORTH OF 1992: WEST STATE HIG HABITAT CO PLAGIOBOT GRAZED GI TADPOLES	ve occurrence e (3611987) 19.79232 092681 E251352 , Sec. 28, E (M) ATE HIGHWAY 41, FROM 1 PINEDALE. T OF STATE HIGHWAY 41, HWAY 41; SOUTH OF MILI ONSISTS OF A SWALE-LIF THRYS STIPITATUS, ORCI RASSLAND AND VINEYAR OBSERVED IN 3 POOLS (OBS ON 4 APRIL 2000. O	Presence: Trend: 1.2 MILES NORT 1995: APPROX EPOST 5.0 APP (E VERNAL POO UTTIA INAEQUA DS. DN 12 MARCH 1	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: TH OF AVENUE 12 TO JUST SO IMATELY 30 YARDS EAST OF N ROXIMATELY 200 YARDS. 2016 DL WITH DOWNINGIA ORNATIS	Site Last Seen: Record Last Updated: nonspecific area 406 151.0 UTH OF THE MADERA CAN MADERA COUNTY MILEPOS 5: 251146E, 4092251N. SSIMA, ERYNGIUM VASEYI, STRIS SUCCULENTA; SURF 4 28 MARCH AND 4 APRIL 19	2017-03-30 2019-02-08 AL, 7 MILES ST 5.0 ALONG ROUNDED BY 995. 4



California Department of Fish and Wildlife



Occurrence No.	108	Map Index: 33342	EO Index:	23149		Element Last Seen:	1995-03-28
Occ. Rank:	Poor		Presence:	Presumed Extant		Site Last Seen:	1995-03-28
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown		Record Last Updated:	1996-03-08
Quad Summary:	Gregg (361	1988)					
County Summary:	Madera						
Lat/Long:	36.99507 / -	119.87722		Accura	cy:	80 meters	
UTM:	Zone-11 N4	098196 E243949		Elevatio	on (ft):	350	
PLSS:	T11S, R19E	, Sec. 10, NE (M)		Acres:		0.0	
Location:	JUST SOUT	TH OF KENNETH AVENUE, 2	2.6 MILES EAS	T OF HILDRETH CREE	K.		
Detailed Location:	LOCATED A	AT 36836 KENNETH AVENU	E, 15-20 YARD	S SOUTH OF KENNET	H AVENU	IE.	
Ecological:	HABITAT C	ONSISTS OF A HIGHLY-DEO DLY FOR SEVERAL YEARS.		NAL POOL IN NON-NAT	TIVE GRA	SSLAND; POOL HAS BEEN	
		REGILLA ARE ALSO FOUNI			01031313	OF RUDERAL SPECIES. B	UFU BUREAS
General:	~100 LARV	AE OBSERVED ON 28 MAR	CH 1995.				
Owner/Manager:	PVT						
Occurrence No.	116	Map Index: 34786	EO Index:	12641		Element Last Seen:	1993-02-17
Occurrence No. Occ. Rank:	116 Good	Map Index: 34786	EO Index: Presence:	12641 Presumed Extant		Element Last Seen: Site Last Seen:	1993-02-17 1993-02-17
	Good	Map Index: 34786 ve occurrence		-			
Occ. Rank:	Good Natural/Nati		Presence:	Presumed Extant		Site Last Seen:	1993-02-17
Occ. Rank: Occ. Type:	Good Natural/Nati	ve occurrence	Presence:	Presumed Extant		Site Last Seen:	1993-02-17
Occ. Rank: Occ. Type: Quad Summary:	Good Natural/Nati	ve occurrence Mtn. (3711917)	Presence:	Presumed Extant	cy:	Site Last Seen:	1993-02-17
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Good Natural/Nati Little Table Madera 37.00472 / -	ve occurrence Mtn. (3711917)	Presence:	Presumed Extant Unknown	-	Site Last Seen: Record Last Updated:	1993-02-17
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Good Natural/Nati Little Table I Madera 37.00472 / - Zone-11 N4	ve occurrence Mtn. (3711917) 119.83704	Presence:	Presumed Extant Unknown Accura	-	Site Last Seen: Record Last Updated: 1/5 mile	1993-02-17
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Good Natural/Nati Little Table I Madera 37.00472 / - Zone-11 N4 T11S, R20E	ve occurrence Mtn. (3711917) 119.83704 099159 E247557	Presence: Trend:	Presumed Extant Unknown Accura Elevatio Acres:	on (ft):	Site Last Seen: Record Last Updated: 1/5 mile 418 0.0	1993-02-17
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Good Natural/Nati Little Table Madera 37.00472 / - Zone-11 N4 T11S, R20E APPROX. 0	ve occurrence Mtn. (3711917) 119.83704 099159 E247557 5, Sec. 06, NW (M)	Presence: Trend: X ROAD 208; 、	Presumed Extant Unknown Accura Elevatio Acres:	on (ft):	Site Last Seen: Record Last Updated: 1/5 mile 418 0.0	1993-02-17
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Good Natural/Nati Little Table I Madera 37.00472 / - Zone-11 N4 T11S, R20E APPROX. 0 MANY POO	ve occurrence Mtn. (3711917) 119.83704 099159 E247557 E, Sec. 06, NW (M) .6 KM SOUTH OF HWY 145	Presence: Trend: X ROAD 208; ONLY 4 SAMF	Presumed Extant Unknown Accura Elevatio Acres: JUST SOUTH OF MADE PLED.	on (ft):	Site Last Seen: Record Last Updated: 1/5 mile 418 0.0	1993-02-17
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Good Natural/Nati Little Table I Madera 37.00472 / - Zone-11 N4 T11S, R20E APPROX. 0 MANY POO CLAYPAN N SCAPHIOP	ve occurrence Mtn. (3711917) 119.83704 099159 E247557 5, Sec. 06, NW (M) .6 KM SOUTH OF HWY 145 DLS PRESENT AT SITE, BUT	Presence: Trend: X ROAD 208; X ONLY 4 SAMI ES IN NON-NA DURING FAIR	Presumed Extant Unknown Accura Elevatio Acres: JUST SOUTH OF MADE PLED. TIVE GRASSLAND. (SHRIMP SURVEY IN 2	en (ft):	Site Last Seen: Record Last Updated: 1/5 mile 418 0.0 AL.	1993-02-17 1996-06-07



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Occurrence No.	118	Map Index: 33076	EO Index:	7317		Element Last Seen:	1994-03-29
Occ. Rank:	Good		Presence:	Presumed Ex	xtant	Site Last Seen:	1994-03-29
Occ. Type:	Natural/Native c	occurrence	Trend:	Unknown		Record Last Updated:	1996-07-26
Quad Summary:	Friant (3611986					· · · ·	
County Summary:	Fresno	,					
Lat/Long:	36.96660 / -119	9.63658			Accuracy:	specific area	
UTM:	Zone-11 N4094	416 E265281			Elevation (ft):	660	
PLSS:	T11S, R21E, Se	эс. 13, SW (М)			Acres:	9.7	
Location:	NORTH SIDE C	,	ROAD MILE W	EST OF MILLE	ERTON ROAD JU	NCTION, APPROXIMATELY	4.5 MILES
Detailed Location:	2 VERNAL POC	OLS NEAR ROAD AND O	LD RAILROAD	GRADE.			
Ecological:	VERNAL POOL	S IN BLUE OAK WOODL	AND, AUGMEI	NTED BY RUN	IOFF FROM ROAL	D AND RAILROAD GRADE.	
General:	SPADEFOOT T TO PROTECT 1		RVED 3/29/94.	TIGER SALAN	IANDER TADPOL	ES ALSO OBSERVED. NEEI	DEASEMENT
Owner/Manager:	PVT						
Occurrence No.	161	Map Index: 39295	EO Index:	34297		Element Last Seen:	1995-03-03
Occ. Rank:	Fair		Presence:	Presumed Ex	xtant	Site Last Seen:	1995-03-03
Осс. Туре:	Natural/Native c	occurrence	Trend:	Unknown		Record Last Updated:	1998-08-04
Quad Summary:	Fresno North (3	611977)					
County Summary:	Fresno						
Lat/Long:	36.86791 / -119	0.78589			Accuracy:	80 meters	
UTM:	Zone-11 N4083	843 E251666			Elevation (ft):	355	
PLSS:	T12S, R20E, Se	эс. 21, SE (М)			Acres:	0.0	
Location:	BETWEEN BLA	ACKSTONE ROAD AND F	RIANT (RICE)	ROAD, WOOD	WARD PARK.		
Detailed Location:	SITE CONSIST	S OF AN OVERFLOW PO	OOL ADJACEN	T TO THE RO	AD.		
Ecological:	HABITAT SURF	ROUNDING OVERFLOW	POOL CONSIS	STS OF NON-N	NATIVE GRASSLA	ND; POOL SHADED BY TRE	ES.
General:							
General.	HUNDREDS OF	F TADPOLES OBSERVE		11995, ONE 1		RED AND RAISED TO MATU	RITY.
Owner/Manager:	HUNDREDS OF UNKNOWN	F TADPOLES OBSERVE	D ON 3 MARCI	1 1995, ONL 1		RED AND RAISED TO MATU	RITY.
	UNKNOWN	F TADPOLES OBSERVE	EO Index:			RED AND RAISED TO MATU	RITY. 2001-02-XX
Owner/Manager:	UNKNOWN						
Owner/Manager: Occurrence No.	UNKNOWN	Map Index: 45181	EO Index:	45181		Element Last Seen:	2001-02-XX
Owner/Manager: Occurrence No. Occ. Rank:	UNKNOWN 196 I Unknown	Map Index: 45181	EO Index: Presence:	45181 Presumed Ex		Element Last Seen: Site Last Seen:	2001-02-XX 2001-02-XX
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	UNKNOWN 196 I Unknown Natural/Native c	Map Index: 45181	EO Index: Presence:	45181 Presumed Ex		Element Last Seen: Site Last Seen:	2001-02-XX 2001-02-XX
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	UNKNOWN 196 I Unknown Natural/Native o Lanes Bridge (3	Map Index: 45181 occurrence 3611987)	EO Index: Presence:	45181 Presumed Ex		Element Last Seen: Site Last Seen:	2001-02-XX 2001-02-XX
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	UNKNOWN 196 Unknown Natural/Native o Lanes Bridge (3 Madera	Map Index: 45181 occurrence 3611987) 9.76259	EO Index: Presence:	45181 Presumed Ex	xtant	Element Last Seen: Site Last Seen: Record Last Updated:	2001-02-XX 2001-02-XX
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	UNKNOWN 196 Unknown Natural/Native of Lanes Bridge (3 Madera 36.94405 / -119	Map Index: 45181 occurrence 3611987) 9.76259 2232 E253989	EO Index: Presence:	45181 Presumed Ex	xtant Accuracy:	Element Last Seen: Site Last Seen: Record Last Updated: 80 meters	2001-02-XX 2001-02-XX
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	UNKNOWN 196 Unknown Natural/Native of Lanes Bridge (3 Madera 36.94405 / -119 Zone-11 N4092 T11S, R20E, Se	Map Index: 45181 occurrence 3611987) 9.76259 2232 E253989	EO Index: Presence: Trend:	45181 Presumed Ex Unknown	Accuracy: Elevation (ft): Acres:	Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 320 0.0	2001-02-XX 2001-02-XX
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	UNKNOWN 196 Unknown Natural/Native of Lanes Bridge (3 Madera 36.94405 / -119 Zone-11 N4092 T11S, R20E, Se	Map Index: 45181 occurrence 3611987) 9.76259 9232 E253989 ec. 26, SW (M)	EO Index: Presence: Trend:	45181 Presumed Ex Unknown	Accuracy: Elevation (ft): Acres:	Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 320 0.0	2001-02-XX 2001-02-XX
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	UNKNOWN 196 Unknown Natural/Native of Lanes Bridge (3 Madera 36.94405 / -119 Zone-11 N4092 T11S, R20E, Se 2 MILES SE OF NON-NATIVE A	Map Index: 45181 occurrence 3611987) 0.76259 2232 E253989 ec. 26, SW (M) F THE INTERSECTION O	EO Index: Presence: Trend: F ROAD 204 A	45181 Presumed Ex Unknown ND HIGHWAY	Accuracy: Elevation (ft): Acres: 41, WEST OF FR	Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 320 0.0	2001-02-XX 2001-02-XX 2001-04-11
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	UNKNOWN 196 Unknown Natural/Native of Lanes Bridge (3 Madera 36.94405 / -119 Zone-11 N4092 T11S, R20E, Se 2 MILES SE OF NON-NATIVE A MOST WERE D	Map Index: 45181 occurrence 3611987) 0.76259 2232 E253989 ec. 26, SW (M) F THE INTERSECTION O	EO Index: Presence: Trend: F ROAD 204 A	45181 Presumed Ex Unknown ND HIGHWAY	Accuracy: Elevation (ft): Acres: 41, WEST OF FR	Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 320 0.0 IANT. GES. GRASSLANDS USED	2001-02-XX 2001-02-XX 2001-04-11



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Occurrence No.	197	Map Index: 45182	EO Index:	45182	Element Last Seen:	2001-02-XX
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2001-02-XX
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2003-05-15
Quad Summary:	Lanes Bridge	e (3611987)				
County Summary:	Madera					
Lat/Long:	36.90552 / -	119.78512		Accuracy:	80 meters	
UTM:	Zone-11 N40	088015 E251857		Elevation (ft):	350	
PLSS:	T12S, R20E	, Sec. 09, NE (M)		Acres:	0.0	
Location:	0.4 MILE EA	ST OF HIGHWAY 41 AND (0.3 MILE SOUT	H OF AVENUE 11, 4.5 MILES N	ORTH OF PINEDALE.	
Detailed Location:						
Ecological:				POOLS AND WETLAND DRAIN		
General:		E DRYLAND FARMED HIS NUMBER/LIFE STAGE OB		JRROUNDING LANDS ARE AG	RICULTURE, COMMERCIAL	OR URBAN.
General.	UNITIOUTIN	NOMBEN/EII E STAGE OD		NG 1 EB 2001.		
Owner/Manager:	PVT					
Owner/Manager:	PVT					
Owner/Manager: Occurrence No.	PVT 198	Map Index: 45183	EO Index:	45183	Element Last Seen:	2001-02-XX
-		Map Index: 45183	EO Index: Presence:	45183 Presumed Extant	Element Last Seen: Site Last Seen:	2001-02-XX 2001-02-XX
Occurrence No.	198 Unknown	Map Index: 45183				
Occurrence No. Occ. Rank:	198 Unknown	ve occurrence	Presence:	Presumed Extant	Site Last Seen:	2001-02-XX
Occurrence No. Occ. Rank: Occ. Type:	198 Unknown Natural/Nativ	ve occurrence	Presence:	Presumed Extant	Site Last Seen:	2001-02-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	198 Unknown Natural/Nativ Lanes Bridge	ve occurrence e (3611987)	Presence:	Presumed Extant	Site Last Seen:	2001-02-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	198 Unknown Natural/Nativ Lanes Bridge Madera 36.95126 / -	ve occurrence e (3611987)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2001-02-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	198 Unknown Natural/Nativ Lanes Bridge Madera 36.95126 / - Zone-11 N40	ve occurrence e (3611987) 119.77616	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: 80 meters	2001-02-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	198 Unknown Natural/Nativ Lanes Bridge Madera 36.95126 / Zone-11 N40 T11S, R20E	ve occurrence e (3611987) 119.77616 093067 E252803 , Sec. 27, NW (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 80 meters 420 0.0	2001-02-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	198 Unknown Natural/Nativ Lanes Bridge Madera 36.95126 / Zone-11 N40 T11S, R20E	ve occurrence e (3611987) 119.77616 093067 E252803 , Sec. 27, NW (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 80 meters 420 0.0	2001-02-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	198 Unknown Natural/Nativ Lanes Bridge Madera 36.95126 / - Zone-11 N40 T11S, R20E 0.9 MILE EA	ve occurrence e (3611987) 119.77616 093067 E252803 , Sec. 27, NW (M) ST OF HIGHWAY 41 AND (E ANNUAL GRASSLAND W	Presence: Trend: 0.5 MILE SOUT	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 80 meters 420 0.0 TH OF PINEDALE.	2001-02-XX 2003-05-15 AS PASTURE;
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	198 Unknown Natural/Nativ Lanes Bridge Madera 36.95126 / - Zone-11 N40 T11S, R20E 0.9 MILE EA NON-NATIV MOST WER	ve occurrence e (3611987) 119.77616 093067 E252803 , Sec. 27, NW (M) ST OF HIGHWAY 41 AND (E ANNUAL GRASSLAND W	Presence: Trend: 0.5 MILE SOUT /ITH VERNAL F	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: H OF ROAD 204, 7 MILES NOR POOLS AND WETLAND DRAINA JRROUNDING LANDS ARE AG	Site Last Seen: Record Last Updated: 80 meters 420 0.0 TH OF PINEDALE.	2001-02-XX 2003-05-15 AS PASTURE;



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Occurrence No.	199	Map Index: 67495	EO Index:	45184		Element Last Seen:	2017-03-29
Occ. Rank:	Good		Presence:	Presumed Ex	tant	Site Last Seen:	2017-03-29
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2019-01-15
Quad Summary:	Lanes Bridg	e (3611987)					
County Summary:	Madera						
Lat/Long:	36.93563 / -	119.7898			Accuracy:	nonspecific area	
UTM:	Zone-11 N4	091368 E251538			Elevation (ft):	387	
PLSS:	T11S, R20E	, Sec. 33, NE (M)			Acres:	63.0	
Location:	FROM ABO OF PINEDA	UT 90 FEET TO 0.3 MILE EA LE.	ST OF HIGHW	VAY 41 AND 0.6	6 TO 0.8 MILES N	ORTH OF AVENUE 12, 6 MI	LES NORTH
Detailed Location:		POOLS LOCATED ALONG 41, 43, 44, 47, 49, 50, 67, 68					Y POOL
Ecological:	PASTURE; I	VERNAL POOLS & WETLAM MOST WERE DRYLAND FAI HING COMMERCIAL/URBAN	RMED HISTOR	RICALLY. SURF			
General:		OBSERVED IN 8 POOLS OF TURED BY HAND AND REL			/N NUMBER/LIFE	STAGE OBSERVED DURIN	G FEB 2001. 1
Owner/Manager:	PVT, PVT-P	GE					
Occurrence No.	241	Map Index: 49020	EO Index:	49020		Element Last Seen:	2002-03-27
Occ. Rank:	Good		Presence:	Presumed Ex	tant	Site Last Seen:	2002-03-27
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2002-10-15
Quad Summary:	Friant (3611	986)					
County Summary:	Fresno						
Lat/Long:	36.92934 / -	119.71063			Accuracy:	80 meters	
UTM:	Zone-11 N4	090466 E258570			Elevation (ft):	410	
UTM: PLSS:		090466 E258570 , Sec. 31, SE (M)			Elevation (ft): Acres:	410 0.0	
-	T11S, R21E		OUTH OF LITT	TLE DRY CREE	Acres:	0.0	
PLSS:	T11S, R21E 0.1 MILE WI	, Sec. 31, SE (M)		TLE DRY CREE	Acres:	0.0	
PLSS: Location:	T11S, R21E 0.1 MILE WI SITE IS PRO HABITAT CO	, Sec. 31, SE (M) EST OF AUBERRY ROAD, S	BANK.		Acres:	0.0 TH OF FRIANT.	JNDED BY
PLSS: Location: Detailed Location:	T11S, R21E 0.1 MILE WI SITE IS PRO HABITAT CO GRAZED GI	, Sec. 31, SE (M) EST OF AUBERRY ROAD, S DPOSED AS A MITIGATION ONSISTS OF A VERNAL PO	BANK. OL IN AN ARE	A OF NUMERC	Acres: EK, 7 MILES SOU DUS MOUNDS AN	0.0 TH OF FRIANT.	JNDED BY



California Department of Fish and Wildlife



Occurrence No.	248	Map Index: 25584	EO Index:	49452		Element Last Seen:	1991-04-15
Occ. Rank:	Unknown	-	Presence:	Presumed E	xtant	Site Last Seen:	1991-04-15
Осс. Туре:	Natural/Nativ	/e occurrence	Trend:	Unknown		Record Last Updated:	2002-11-21
Quad Summary:	Lanes Bridge	e (3611987)					
County Summary:	Madera	, , , , , , , , , , , , , , , , , , ,					
Lat/Long:	36.98806 / -′	119.75621			Accuracy:	1/5 mile	
UTM:	Zone-11 N4(097099 E254698			Elevation (ft):	440	
PLSS:	T11S, R20E	, Sec. 11, SE (M)			Acres:	0.0	
Location:	WEST SIDE	OF ROAD 204, 0.7 MILE SC	OUTH OF HIGH	IWAY 145. ON	THE EAST SIDE	OF LITTLE TABLE MOUNTA	JN.
Detailed Location:		ITE #107. LOCATED ON TH					
Ecological:		ONSISTS OF A VERNAL PO					
General:		T TOADS PRESENT ON 15	-	IMBER AND L	IFESTAGE UNKNO	OWN.	
Owner/Manager:	PVT		, -				
Occurrence No.	249	Map Index: 24599	EO Index:	49453		Element Last Seen:	2005-03-21
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	2005-03-21
Осс. Туре:	Natural/Nativ	/e occurrence	Trend:	Unknown		Record Last Updated:	2008-09-03
Quad Summary:	Friant (36119	986), Lanes Bridge (3611987	<i>.</i>)				
County Summary:	Madera						
Lat/Long:	36.97667 / -′	119.75240			Accuracy:	specific area	
UTM:	Zone-11 N40	095826 E255000			Elevation (ft):	435	
PLSS:	T11S, R20E	, Sec. 14, NE (M)			Acres:	18.0	
Location:	ALONG MAI MOUNTAIN.		OF ROAD 204,	1.5 MILES SC	OUTH OF HWY 145	5, ON THE SE EDGE OF LIT	TLE TABLE
Detailed Location:		FER SITE #111; LOCATED (& MAC-L-004.20.1 (ESRP).	ON THE URRU	ITINA RANCH	. 2005: AT MILE P	OSTS 004.06 & 004.20; SITE	NAMES MAC-
Ecological:	1991: HABIT VERNAL PC		FICIAL POND.	2005: POOL /	AT MILEPOST 004	.06 DESCRIBED AS A TEA-	COLORED
General:		T TOADS PRESENT ON 15 BY F. VANG & K. GARCIA-TO		IKNOWN #). A	T LEAST 1 OBSE	RVED AT EACH MILEPOST	SITE ON 21
Owner/Manager:	USBOR, PV	Т					



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VERSIT				,			
Occurrence No.	347	Map Index: 66194	EO Index:	66282		Element Last Seen:	2005-05-X
Occ. Rank:	Good		Presence:	Presumed Ext	tant	Site Last Seen:	2005-05-X
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown		Record Last Updated:	2006-09-12
Quad Summary:	Piedra (36	11974), Round Mountain (36	511975)				
County Summary:	Fresno	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	/				
Lat/Long:	36 80036 /	-119.50036			Accuracy:	specific area	
UTM:		4076631 E276953			Elevation (ft):	490	
PLSS:		E, Sec. 08, SW (M)			Acres:	2.0	
Location:	0.5 MILE N	IORTH OF THE WATTS VAI	LLEY ROAD CR	OSSING OVER	FRIANT CANAL,	8 MILES NNE OF SANGER.	
Detailed Location:							
Ecological:		CONSISTS OF NON-NATIVE DS, AND HOMES.	E GRASSLAND.	SURROUNDING	G LAND USE INC	CLUDES LIVESTOCK GRAZII	NG,
General:		ERVED DURING MAY 2005	5.				
Owner/Manager:	PVT						
Occurrence No.	350	Map Index: 66742	EO Index:	66892		Element Last Seen:	2006-05-13
Occurrence No. Occ. Rank:	Good	map muex. 00/42	Presence:	Presumed Ext	tant	Site Last Seen:	2006-05-1
		tive occurrence	Trend:	Unknown	lant	Record Last Updated:	2006-03-1
Осс. Туре:			Trena.	UTIKITUWIT		Record Last Opualed.	2000-10-10
Quad Summary:	Round Mo	untain (3611975)					
County Summary:	Fresno						
Lat/Long:	36.83127 /	-119.54018			Accuracy:	nonspecific area	
UTM:	Zone-11 N	4079166 E273464			Elevation (ft):	450	
PLSS:	T13S, R22	E, Sec. 02 (M)			Acres:	24.0	
Location:	ABOUT 1 I	MI NE OF WHERE BULLARI	D AVE. MEETS A	ACADEMY AVE	., JUST WEST O	F FRIANT-KERN CANAL.	
Detailed Location:							
Ecological:	NON-NATI	VE ANNUAL GRASSLAND.					
General:	1000'S OF	ADULTS AND JUVENILES	OBSERVED ON	13 MAY 2006.			
Owner/Manager:	PVT						
- ···							
Occurrence No.	351	Map Index: 66743	EO Index:	66893		Element Last Seen:	2006-05-1
Occ. Rank:	Good		Presence:	Presumed Ext	tant	Site Last Seen:	2006-05-13
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown		Record Last Updated:	2006-10-10
Quad Summary:	Round Mo	untain (3611975)					
County Summary:	Fresno						
Lat/Long:	36.84734 /	-119.56403			Accuracy:	80 meters	
UTM:	Zone-11 N	4081006 E271385			Elevation (ft):	440	
PLSS:	T12S, R22	E, Sec. 34, NW (M)			Acres:	0.0	
Location:		4 MI SW OF INTERSECTION	N OF ACADEMY	AVE, AND FRI	ANT-KERN CAN	ΑL.	
-				TWEEN THIS O	CCURRENCE #	352 & 353 ON 13 MAV 2006	
		ADDE TO AND JUVENILES	OBOLIVED BE		SCORRENCE, #	552 & 555 OTV 15 IVIA I 2000.	
Location: Detailed Location: Ecological: General: Owner/Manager:	OCCURRE NON-NATI	4 MI SW OF INTERSECTION ENCES 351, 352 & 353 ARE VE ANNUAL GRASSLAND. ADULTS AND JUVENILES	ALL IN SECTIO	N 34.	-	AL. 352 & 353 ON 13 MAY 2006.	



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Occurrence No.	352	Map Index: 66744	EO Index:	66894	Element Last Seen:	2006-05-13
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2006-05-13
Occ. Type:	Natural/Nativ	e occurrence	Trend:	Unknown	Record Last Updated:	2006-10-16
Quad Summary:	Round Mount	tain (3611975)				
County Summary:	Fresno	lain (5011975)				
		10 55922		A	90 motoro	
Lat/Long: UTM:	36.84298 / -1	19.55653 80509 E271880		Accuracy:	80 meters 440	
PLSS:		Sec. 34, SW (M)		Elevation (ft): Acres:	0.0	
		, , , ,				
Location:				EMY AVE. & FRIANT-KERN CA	NAL, JUST WEST OF ACADE	WY AVE.
Detailed Location:		CES 351, 352 & 353 ARE		N 34.		
Ecological: General:		E ANNUAL GRASSLANDS		EEN THIS OCCURRENCE, #35	1 8 252 ON 12 MAY 2006	
Owner/Manager:	PVT	DULIS & JUVENILES OB		EEN THIS OCCURRENCE, #33	T & 555 ON 15 MAT 2000.	
Owner/Manager.	FVI					
Occurrence No.	353	Map Index: 66745	EO Index:	66895	Element Last Seen:	2006-05-13
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2006-05-13
Осс. Туре:	Natural/Native	e occurrence	Trend:	Unknown	Record Last Updated:	2006-10-16
Quad Summary:	Round Mount	tain (3611975)				
County Summary:	Fresno					
Lat/Long:	36.83745 / -1	19.56046		Accuracy:	specific area	
•				•	•	
UTM:	Zone-11 N40	79901 E271674		Elevation (ft):	440	
UTM: PLSS:		79901 E271674 Sec. 34, SW (M)		Elevation (ft): Acres:	440 13.0	
	T12S, R22E,	Sec. 34, SW (M)	ON OF ACADEM	.,	13.0	
PLSS:	T12S, R22E, ABOUT 0.9 M	Sec. 34, SW (M)		Acres: Y AVE. AND FRIANT-KERN CA	13.0	
PLSS: Location:	T12S, R22E, ABOUT 0.9 M OCCURREN	Sec. 34, SW (M) /I SSW OF INTERSECTIO	ALL IN SECTION	Acres: Y AVE. AND FRIANT-KERN CA	13.0	
PLSS: Location: Detailed Location:	T12S, R22E, ABOUT 0.9 M OCCURREN NON-NATIVE	Sec. 34, SW (M) /II SSW OF INTERSECTIO CES 351, 352 & 353 ARE E ANNUAL GRASSLANDS	ALL IN SECTION	Acres: Y AVE. AND FRIANT-KERN CA	13.0 NAL.	
PLSS: Location: Detailed Location: Ecological:	T12S, R22E, ABOUT 0.9 M OCCURREN NON-NATIVE	Sec. 34, SW (M) /II SSW OF INTERSECTIO CES 351, 352 & 353 ARE E ANNUAL GRASSLANDS	ALL IN SECTION	Acres: Y AVE. AND FRIANT-KERN CA N 34.	13.0 NAL.	
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager:	T12S, R22E, ABOUT 0.9 M OCCURREN NON-NATIVE 1000'S OF AI PVT	Sec. 34, SW (M) //I SSW OF INTERSECTIO CES 351, 352 & 353 ARE E ANNUAL GRASSLANDS DULTS & JUVENILES OB	ALL IN SECTION S. SERVED BETWI	Acres: Y AVE. AND FRIANT-KERN CA N 34. EEN THIS OCCURRENCE, #35	13.0 NAL. 1 & 352 ON 13 MAY 2006.	1992-03-18
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No.	T12S, R22E, ABOUT 0.9 M OCCURREN NON-NATIVE 1000'S OF AI PVT 354	Sec. 34, SW (M) /II SSW OF INTERSECTIO CES 351, 352 & 353 ARE E ANNUAL GRASSLANDS	ALL IN SECTION S. ISERVED BETWO EO Index:	Acres: Y AVE. AND FRIANT-KERN CA N 34. EEN THIS OCCURRENCE, #35 67666	13.0 NAL. 1 & 352 ON 13 MAY 2006. Element Last Seen:	1992-03-18 1992-03-18
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager:	T12S, R22E, ABOUT 0.9 M OCCURREN NON-NATIVE 1000'S OF AI PVT	Sec. 34, SW (M) //I SSW OF INTERSECTIO CES 351, 352 & 353 ARE E ANNUAL GRASSLANDS DULTS & JUVENILES OB Map Index: 67500	ALL IN SECTION S. SERVED BETWI	Acres: Y AVE. AND FRIANT-KERN CA N 34. EEN THIS OCCURRENCE, #35	13.0 NAL. 1 & 352 ON 13 MAY 2006.	1992-03-18 1992-03-18 2006-12-22
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	T12S, R22E, ABOUT 0.9 M OCCURREN NON-NATIVE 1000'S OF AI PVT 354 Fair Natural/Native	Sec. 34, SW (M) AI SSW OF INTERSECTION CES 351, 352 & 353 ARE E ANNUAL GRASSLANDS DULTS & JUVENILES OB Map Index: 67500 e occurrence	ALL IN SECTION S. SERVED BETWO EO Index: Presence:	Acres: Y AVE. AND FRIANT-KERN CA N 34. EEN THIS OCCURRENCE, #35 67666 Presumed Extant	13.0 NAL. 1 & 352 ON 13 MAY 2006. Element Last Seen: Site Last Seen:	1992-03-18
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	T12S, R22E, ABOUT 0.9 M OCCURREN NON-NATIVE 1000'S OF AI PVT 354 Fair	Sec. 34, SW (M) AI SSW OF INTERSECTION CES 351, 352 & 353 ARE E ANNUAL GRASSLANDS DULTS & JUVENILES OB Map Index: 67500 e occurrence	ALL IN SECTION S. SERVED BETWO EO Index: Presence:	Acres: Y AVE. AND FRIANT-KERN CA N 34. EEN THIS OCCURRENCE, #35 67666 Presumed Extant	13.0 NAL. 1 & 352 ON 13 MAY 2006. Element Last Seen: Site Last Seen:	1992-03-18
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	T12S, R22E, ABOUT 0.9 M OCCURREN NON-NATIVE 1000'S OF AI PVT 354 Fair Natural/Native Lanes Bridge Madera	Sec. 34, SW (M) AI SSW OF INTERSECTION CES 351, 352 & 353 ARE E ANNUAL GRASSLANDS DULTS & JUVENILES OB Map Index: 67500 e occurrence (3611987)	ALL IN SECTION S. SERVED BETWO EO Index: Presence:	Acres: Y AVE. AND FRIANT-KERN CA N 34. EEN THIS OCCURRENCE, #35 67666 Presumed Extant Unknown	13.0 NAL. 1 & 352 ON 13 MAY 2006. Element Last Seen: Site Last Seen: Record Last Updated:	1992-03-18
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	T12S, R22E, ABOUT 0.9 M OCCURREN NON-NATIVE 1000'S OF AI PVT 354 Fair Natural/Native Lanes Bridge Madera 36.96699 / -1	Sec. 34, SW (M) AI SSW OF INTERSECTION CES 351, 352 & 353 ARE E ANNUAL GRASSLANDS DULTS & JUVENILES OB Map Index: 67500 e occurrence e (3611987) 19.78798	ALL IN SECTION S. SERVED BETWO EO Index: Presence:	Acres: Y AVE. AND FRIANT-KERN CA N 34. EEN THIS OCCURRENCE, #35 67666 Presumed Extant Unknown Accuracy:	13.0 NAL. 1 & 352 ON 13 MAY 2006. Element Last Seen: Site Last Seen: Record Last Updated: specific area	1992-03-18
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	T12S, R22E, ABOUT 0.9 M OCCURRENT NON-NATIVE 1000'S OF AI PVT 354 Fair Natural/Native Lanes Bridge Madera 36.96699 / -1 Zone-11 N40	Sec. 34, SW (M) AI SSW OF INTERSECTION CES 351, 352 & 353 ARE E ANNUAL GRASSLANDS DULTS & JUVENILES OB Map Index: 67500 e occurrence (3611987)	ALL IN SECTION S. SERVED BETWO EO Index: Presence:	Acres: Y AVE. AND FRIANT-KERN CA N 34. EEN THIS OCCURRENCE, #35 67666 Presumed Extant Unknown	13.0 NAL. 1 & 352 ON 13 MAY 2006. Element Last Seen: Site Last Seen: Record Last Updated:	1992-03-18
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	T12S, R22E, ABOUT 0.9 M OCCURREN NON-NATIVE 1000'S OF AI PVT 354 Fair Natural/Native Lanes Bridge Madera 36.96699 / -1 Zone-11 N40 T11S, R20E,	Sec. 34, SW (M) AI SSW OF INTERSECTION CES 351, 352 & 353 ARE E ANNUAL GRASSLANDS DULTS & JUVENILES OB Map Index: 67500 e occurrence e (3611987) 19.78798 94843 E251801 Sec. 21, SE (M)	ALL IN SECTION S. SERVED BETWO EO Index: Presence: Trend:	Acres: Y AVE. AND FRIANT-KERN CA N 34. EEN THIS OCCURRENCE, #35 67666 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	13.0 NAL. 1 & 352 ON 13 MAY 2006. Element Last Seen: Site Last Seen: Record Last Updated: specific area 425 11.0	1992-03-18 2006-12-22
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	T12S, R22E, ABOUT 0.9 M OCCURREN NON-NATIVE 1000'S OF AI PVT 354 Fair Natural/Native Lanes Bridge Madera 36.96699 / -1 Zone-11 N40 T11S, R20E, JUST NORTH POOL #114. HOWEVER M	Sec. 34, SW (M) AI SSW OF INTERSECTION CES 351, 352 & 353 ARE E ANNUAL GRASSLANDS DULTS & JUVENILES OB Map Index: 67500 e occurrence e (3611987) 19.78798 94843 E251801 Sec. 21, SE (M) H OF AVENUE 15, APROXIMATEN DIRECTIONS (MAP INDICATES POOL A)	ALL IN SECTION S. SERVED BETWO EO Index: Presence: Trend: XIMATELY 0.3 M GIVEN AS 100 F	Acres: Y AVE. AND FRIANT-KERN CA N 34. EEN THIS OCCURRENCE, #35 67666 Presumed Extant Unknown Accuracy: Elevation (ft):	13.0 NAL. 1 & 352 ON 13 MAY 2006. Element Last Seen: Site Last Seen: Record Last Updated: specific area 425 11.0	1992-03-18 2006-12-22 EDALE.
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	T12S, R22E, ABOUT 0.9 M OCCURRENT NON-NATIVE 1000'S OF AI PVT 354 Fair Natural/Native Lanes Bridge Madera 36.96699 / -1 Zone-11 N40 T11S, R20E, JUST NORTH POOL #114.1 HOWEVER M ACCORDING	Sec. 34, SW (M) AI SSW OF INTERSECTION CES 351, 352 & 353 ARE E ANNUAL GRASSLANDS DULTS & JUVENILES OB Map Index: 67500 e occurrence 4 (3611987) 19.78798 94843 E251801 Sec. 21, SE (M) H OF AVENUE 15, APROX WRITTEN DIRECTIONS (MAP INDICATES POOL AS MAP PROVIDED.	ALL IN SECTION S. SERVED BETWO EO Index: Presence: Trend: XIMATELY 0.3 M GIVEN AS 100 FI S JUST NORTH	Acres: Y AVE. AND FRIANT-KERN CA N 34. EEN THIS OCCURRENCE, #35 67666 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: ILLE EAST OF STATE ROUTE 4 EET EAST OF STATE ROUTE 4 EET EAST OF STATE ROUTE 4	13.0 NAL. 1 & 352 ON 13 MAY 2006. Element Last Seen: Site Last Seen: Record Last Updated: specific area 425 11.0 II, 8.5 MILES NORTH OF PIN II, 8.5 MILES NORTH OF PIN II AND 2000 FEET NORTH CO FT EAST OF SR 41. LOCAT	1992-03-18 2006-12-22 EDALE.
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	T12S, R22E, ABOUT 0.9 M OCCURREN NON-NATIVE 1000'S OF AI PVT 354 Fair Natural/Native Lanes Bridge Madera 36.96699 / -1 Zone-11 N40 T11S, R20E, JUST NORTH POOL #114. HOWEVER M ACCORDING	Sec. 34, SW (M) AI SSW OF INTERSECTION CES 351, 352 & 353 ARE E ANNUAL GRASSLANDS DULTS & JUVENILES OB Map Index: 67500 e occurrence 4 (3611987) 19.78798 94843 E251801 Sec. 21, SE (M) H OF AVENUE 15, APROX WRITTEN DIRECTIONS (MAP INDICATES POOL AS MAP PROVIDED.	ALL IN SECTION S. SERVED BETWO EO Index: Presence: Trend: XIMATELY 0.3 M GIVEN AS 100 F S JUST NORTH HARDPAN VER	Acres: Y AVE. AND FRIANT-KERN CANN 34. EEN THIS OCCURRENCE, #35 67666 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: MILE EAST OF STATE ROUTE 4 EET EAST OF STATE ROUTE 4 OF AVE 15 AND APPROX 2000	13.0 NAL. 1 & 352 ON 13 MAY 2006. Element Last Seen: Site Last Seen: Record Last Updated: specific area 425 11.0 II, 8.5 MILES NORTH OF PIN II, 8.5 MILES NORTH OF PIN II AND 2000 FEET NORTH CO FT EAST OF SR 41. LOCAT	1992-03-18 2006-12-22 EDALE.



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Occurrence No.	355 Map Index: 6752	28 EO Index:	67685	Element Last Seen:	1992-03-11
Occ. Rank:	Fair	Presence:	Presumed Extant	Site Last Seen:	1992-03-11
Осс. Туре:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:	2007-01-03
Quad Summary:	Little Table Mtn. (3711917)			-	
County Summary:	Madera				
Lat/Long:	37.01626 / -119.79274		Accuracy:	nonspecific area	
UTM:	Zone-11 N4100323 E251537		Elevation (ft):	450	
PLSS:	T10S, R20E, Sec. 33 (M)		Acres:	168.0	
Location:	ALONG STATE ROUTE 41 AND MOUNTAIN.	1000 FT SOUTH TO 1	MILE NORTH OF STATE ROU	IE 145, WEST OF LITTLE TA	BLE
Detailed Location:	POOL #'S 165 AND 900 (SOUTH (EXCEPT #175) LOCATED 100 I NORTH OF SR 145.				
Ecological:	HABITAT CONSISTS OF NORTI VASEYI.	HERN HARPAN VERN	AL POOL DOMINATED BY HOR	RDEUM GENICULATUM AND	ERYNGIUM
General:	TADPOLES OBSERVED IN 8 VE	ERNAL POOLS ON 11	MARCH 1992.		
Owner/Manager:	PVT				
Owner/Manager: Occurrence No.	PVT 365 Map Index: 6814	43 EO Index:	68288	Element Last Seen:	2007-02-10
-		EO Index: Presence:	68288 Presumed Extant	Element Last Seen: Site Last Seen:	2007-02-10 2007-02-10
Occurrence No.	365 Map Index: 6814				
Occurrence No. Occ. Rank:	365 Map Index: 6814 Good	Presence:	Presumed Extant	Site Last Seen:	2007-02-10
Occurrence No. Occ. Rank: Occ. Type:	365 Map Index: 6814 Good Natural/Native occurrence	Presence:	Presumed Extant	Site Last Seen:	2007-02-10
Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	365 Map Index: 6814 Good Natural/Native occurrence Millerton Lake West (3711916)	Presence:	Presumed Extant	Site Last Seen:	2007-02-10
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	365 Map Index: 6814 Good Natural/Native occurrence Millerton Lake West (3711916) Madera	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2007-02-10
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	365Map Index: 6814GoodNatural/Native occurrenceMillerton Lake West (3711916)Madera37.02098 / -119.72887	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: 80 meters	2007-02-10
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	365 Map Index: 6814 Good	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 80 meters 430 0.0	2007-02-10 2007-02-16
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	365 Map Index: 6814 Good Natural/Native occurrence Millerton Lake West (3711916) Madera 37.02098 / -119.72887 Zone-11 N4100683 E257236 T10S, R21E, Sec. 31, NW (M) Mature Mat	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 80 meters 430 0.0	2007-02-10 2007-02-16
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	365 Map Index: 6814 Good Natural/Native occurrence Millerton Lake West (3711916) Madera 37.02098 / -119.72887 Zone-11 N4100683 E257236 T10S, R21E, Sec. 31, NW (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: LLEL TO COTTONWOOD CREE	Site Last Seen: Record Last Updated: 80 meters 430 0.0 EK, ABOUT 2.5 MILES NNW 0	2007-02-10 2007-02-16 DF FRIANT.
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	365 Map Index: 6814 Good Natural/Native occurrence Millerton Lake West (3711916) Madera 37.02098 / -119.72887 Zone-11 N4100683 E257236 T10S, R21E, Sec. 31, NW (M) MILLERTON ROAD (ROAD 145) HABITAT CONSISTS OF NON-N	Presence: Trend: , WHICH RUNS PARA JATIVE GRASSLAND /	Accuracy: Elevation (ft): Acres: LLEL TO COTTONWOOD CREE	Site Last Seen: Record Last Updated: 80 meters 430 0.0 EK, ABOUT 2.5 MILES NNW (POOL SYSTEMS MAY HAV SING THE ROAD FOR BREE	2007-02-10 2007-02-16 DF FRIANT. E PROVIDED



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California Natural Diversity Database



Occurrence No. Occ. Rank:	412 Unknown	Map Index: 72107	EO Index: Presence:	73047 Presumed Ex	dant	Element Last Seen: Site Last Seen:	2005-03-24 2005-03-24
Occ. Type:		ve occurrence	Trend:	Unknown		Record Last Updated:	2008-08-29
Quad Summary: County Summary:	Little Table M Madera	1tn. (3711917)					
Lat/Long:	37.02216 / -1	19.84714			Accuracy:	80 meters	
UTM:	Zone-11 N41	01121 E246716			Elevation (ft):	422	
PLSS:	T10S, R19E,	Sec. 36, NE (M)			Acres:	0.0	
Location: Detailed Location: Ecological: General: Owner/Manager:	MAPPED TO "POOL LARC	INDIVIDUAL OBSERVED	ES IN GIS SHAI PLEX WITH 3 PC	PEFILE. POOL DOLS. NO OTH	ID MAC-R-013.12 IER POOL DESC		ΥΥ. "
Occurrence No.	413	Map Index: 72108	EO Index:	73048		Element Last Seen:	2005-03-23
Occ. Rank:	Unknown		Presence:	Presumed Ex	tant	Site Last Seen:	2005-03-23
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2008-08-29
Quad Summary: County Summary:	Little Table M Madera	/tn. (3711917)					
Lat/Long:	37.01407 / -1	19.84558			Accuracy:	80 meters	
UTM:	Zone-11 N41	00220 E246829			Elevation (ft):	429	
PLSS:	T10S, R19E,	Sec. 36, SE (M)			Acres:	0.0	
Location:	MADERA CA	ANAL MILEPOST 12.41, 2.8	3 MILES E (ENE) OF FOUR CC	RNERS BENCH	MARK 457, COARSEGOLD.	
Detailed Location:	MAPPED TC	PROVIDED COORDINAT	ES IN GIS SHAI	PEFILE. POOL	ID MAC-R-012.41	1.1.	
Ecological:	"POOL EXTR PHOTOGRA		E AREA. NUME	ROUS WESTE	RN SPADEFOOT	EGGMASSES OBSERVED	ND
General:		GG-MASSES OBSERVED	ON 23 MAR 200	5 BY F. VANG			
Owner/Manager:	USBOR, PV	г					
Occurrence No. Occ. Rank:	414 Unknown	Map Index: 45645	EO Index: Presence:	73049 Presumed Ex	stant	Element Last Seen: Site Last Seen:	2005-03-23 2005-03-23
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown		Record Last Updated:	2008-09-09
Quad Summary:	Little Table M	/tn. (3711917)					
County Summary:	Madera						
Lat/Long:	37.00994 / -1	19.83995			Accuracy:	specific area	
UTM:	Zone-11 N40	99747 E247315			Elevation (ft):	422	
PLSS:	T11S, R19E,	Sec. 01, SE (M)			Acres:	18.0	
Location:	MADERA CA	ANAL AT CROSSING OF H	IGHWAY 145 &	JUST WEST C	F RD 208, WEST	OF LITTLE TABLE MOUNTA	AIN.
Detailed Location:		RIES ON CANAL'S NE SIDE C-R-012.12.1. MAPPED TO				ND IN NORTH POOL NORTH LE.	I OF HWY,
Ecological:	HABITAT DE	SCRIPTION GIVEN AS "P	OOL VERY LAR	GE BUT NO O	THER POOL DES	SCRIPTION GIVEN ON THIS	DAY."
General:	AT LEAST 1	INDIVIDUAL OBSERVED	ON 23 MAR 200	5 BY F. VANG.			
Owner/Manager:	USBOR, PV	-					

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Occurrence No.	415	Map Index: 72149	EO Index:	73050		Element Last Seen:	2005-03-21
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	2005-03-21
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2008-09-11
Quad Summary:	Round Moun	ntain (3611975)					
County Summary:	Fresno						
Lat/Long:	36.85612 / -′	119.57528			Accuracy:	specific area	
UTM:	Zone-11 N40	082008 E270408			Elevation (ft):		
PLSS:	T12S, R22E	, Sec. 28, SE (M)			Acres:	8.0	
Location:	FRIANT-KE	RN CANAL MILEPOST 015.6	68, 0.6 MILE SI	E OF DOG CR	EEK, & 1 MILE NV	OF BENCH MARK 461, CL	OVIS.
Detailed Location:		S, 1 EACH ON SW & NE SIE COORDINATES IN SHAPEF		., POOL IDS F	KC-R-015.68.2 (S)	W) & FKC-L-015.68.1 (NE); M	IAPPED TO
Ecological:	"POOL STIL	L VERY COLD. IT IS ALSO I	LARGE."				
General:	AT LEAST 1	INDIVIDUAL OBSERVED O	N 14 APR 200	5 BY K. GARC	IA-TOMLINSON I	N POOL ON NORTHEAST SI	DE OF CANAL.
Owner/Manager:	USBOR, PV	Т					
Occurrence No.	468	Map Index: A5045	EO Index:	106745		Element Last Seen:	2018-05-22
Occ. Rank:	Fair		Presence:	Presumed E	xtant	Site Last Seen:	2018-05-22
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2019-04-25
Quad Summary:	Gregg (3611	988)					
County Summary:	Madera						
Lat/Long:	36.9232 / -1 <i>*</i>	19.98311			Accuracy:	specific area	
UTM:	Zone-11 N40	090510 E234274			Elevation (ft):	278	
PLSS:	T12S, R18E	, Sec. 2 (M)			Acres:	22.0	
Location:	N & S SIDES	S OF AVE 12 ABOUT 0.5 MI	LES W OF THE	E SANTA FE D		I, 4.1 MILES SE OF MADER	۹.
Detailed Location:	MAPPED TO SOUTH OF A		S. ORIGINAL	HABITAT WAS	S ON NORTH SIDE	OF AVE 12. RELOCATION	SITE WAS
Ecological:	ORCHARD /		ROAD. TOADS			TAT WAS MANMADE BERM OF AVE 12 TO SUITABLE HA	
General:		OADS EXCAVATED AND R OBSERVED ON 22 MAY 20) NEARBY HA	BITAT ON 24 JAN	2017. 10S OF LARVAE OBS	ERVED ON 5
Owner/Manager:	PVT						



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Occurrence No.	469	Map Index: A5071	EO Index:	106770	Element Last Seen:	2016-04-22
Occ. Rank:	Excellent		Presence:	Presumed Extant	Site Last Seen:	2016-04-22
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2017-06-22
Quad Summary:	Lanes Bridg	e (3611987)				
County Summary:	Madera					
Lat/Long:	36.97394 / -	119.86671		Accuracy:	nonspecific area	
UTM:	Zone-11 N4	095823 E244815		Elevation (ft):	372	
PLSS:	T11S, R19E	, Sec. 14 (M)		Acres:	642.0	
Location:	PROPERTY	AT THE NE CORNER OF A	AVE 15 AND RE	0 37, E OF MADERA.		
Detailed Location:	MAPPED TO BB, & OO.	O PARCEL BOUNDARIES. S	SPADEFOOT W	ERE DETECTED THROUGHO	UT PARCEL, INCLUDING IN I	POOLS A, K, Z,
Ecological:	SPADEFOC			O USED FOR GRAZING. SITE C ERN TOADS ALSO OBSERVED		
General:	100S OF LA APR 2016.	RVAE AND JUVENILES WI	TH EMERGING		DIPNET AND SEINE SURVEN	'S ON 19 & 22
General: Owner/Manager:		RVAE AND JUVENILES WI	TH EMERGING	LINDS WERE OBSERVED IN	DIPNET AND SEINE SURVEY	'S ON 19 & 22
	APR 2016.	RVAE AND JUVENILES WI	EO Index:	114151	Element Last Seen:	2018-04-19
Owner/Manager:	APR 2016. PVT					
Owner/Manager: Occurrence No.	APR 2016. PVT 742 Poor		EO Index:	114151	Element Last Seen:	2018-04-19
Owner/Manager: Occurrence No. Occ. Rank:	APR 2016. PVT 742 Poor	Map Index: B2227	EO Index: Presence:	114151 Presumed Extant	Element Last Seen: Site Last Seen:	2018-04-19 2018-04-19
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	APR 2016. PVT 742 Poor Natural/Natir	Map Index: B2227	EO Index: Presence:	114151 Presumed Extant	Element Last Seen: Site Last Seen:	2018-04-19 2018-04-19
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	APR 2016. PVT 742 Poor Natural/Natir Gregg (3611	Map Index: B2227 ve occurrence 1988)	EO Index: Presence:	114151 Presumed Extant	Element Last Seen: Site Last Seen:	2018-04-19 2018-04-19
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	APR 2016. PVT 742 Poor Natural/Natir Gregg (3611 Madera 36.90024 / -	Map Index: B2227 ve occurrence 1988)	EO Index: Presence:	114151 Presumed Extant Unknown	Element Last Seen: Site Last Seen: Record Last Updated:	2018-04-19 2018-04-19
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	APR 2016. PVT 742 Poor Natural/Natir Gregg (3611 Madera 36.90024 / - Zone-11 N4	Map Index: B2227 ve occurrence 1988) 119.97456	EO Index: Presence:	114151 Presumed Extant Unknown Accuracy:	Element Last Seen: Site Last Seen: Record Last Updated: specific area	2018-04-19 2018-04-19
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	APR 2016. PVT 742 Poor Natural/Natir Gregg (3611 Madera 36.90024 / - Zone-11 N44 T12S, R18E	Map Index: B2227 ve occurrence 1988) 119.97456 087939 E234956 5, Sec. 11, SW (M)	EO Index: Presence: Trend:	114151 Presumed Extant Unknown Accuracy: Elevation (ft):	Element Last Seen: Site Last Seen: Record Last Updated: specific area 281 17.0	2018-04-19 2018-04-19 2019-02-05
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	APR 2016. PVT 742 Poor Natural/Natir Gregg (3611 Madera 36.90024 / - Zone-11 N4 T12S, R18E AGRICULTU	Map Index: B2227 ve occurrence 1988) 119.97456 087939 E234956 5, Sec. 11, SW (M) JRAL DITCH BETWEEN AV	EO Index: Presence: Trend:	114151 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Element Last Seen: Site Last Seen: Record Last Updated: specific area 281 17.0	2018-04-19 2018-04-19 2019-02-05
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	APR 2016. PVT 742 Poor Natural/Natir Gregg (3611 Madera 36.90024 / - Zone-11 N44 T12S, R18E AGRICULTU MAPPED AG CLEAR WA TWO ISOLA	Map Index: B2227 ve occurrence 1988) 119.97456 087939 E234956 5, Sec. 11, SW (M) JRAL DITCH BETWEEN AV CCORDING TO THE PROVI TER PORTION OF AN AGR	EO Index: Presence: Trend: ENUE 10 AND DED COORDIN ICULTURAL DI DOLS CLOSER	114151 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: AVENUE 10.5, 1.8 MI ESE OF H NATES AND LOCATION DESCH TCH RUNNING BETWEEN AVE TO AVENUE 10. SURROUNDIN	Element Last Seen: Site Last Seen: Record Last Updated: specific area 281 17.0 HWY 99 AT AVENUE 11, SE C RIPTION OF OCCUPIED POO SNUE 10 AND AVENUE 10.5 /	2018-04-19 2018-04-19 2019-02-05 DF MADERA. LS. AS WELL AS
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	APR 2016. PVT 742 Poor Natural/Natir Gregg (3611 Madera 36.90024 / - Zone-11 N44 T12S, R18E AGRICULTU MAPPED AC CLEAR WA TWO ISOLA DENUDED,	Map Index: B2227 ve occurrence 1988) 119.97456 087939 E234956 5, Sec. 11, SW (M) JRAL DITCH BETWEEN AV CCORDING TO THE PROVI TER PORTION OF AN AGR TED SMALLER MUDDY PC WITH DECIDUOUS ORCHA	EO Index: Presence: Trend: ENUE 10 AND DED COORDIN ICULTURAL DI DOLS CLOSER ARDS TO THE I	114151 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: AVENUE 10.5, 1.8 MI ESE OF H NATES AND LOCATION DESCH TCH RUNNING BETWEEN AVE TO AVENUE 10. SURROUNDIN	Element Last Seen: Site Last Seen: Record Last Updated: specific area 281 17.0 WY 99 AT AVENUE 11, SE C RIPTION OF OCCUPIED POO SNUE 10 AND AVENUE 10.5 A NG AREA BARREN, GRADED	2018-04-19 2018-04-19 2019-02-05 OF MADERA. LS. AS WELL AS , AND



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Occurrence No.	743	Map Index: B2232	EO Index:	114155	Element Last Seen:	2018-03-09
Occ. Rank:	Poor		Presence:	Presumed Extant	Site Last Seen:	2018-03-09
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2019-02-05
Quad Summary:	Gregg (3611	988)				
County Summary:	Madera					
Lat/Long:	36.90921 / -1	19.97255		Accuracy:	80 meters	
UTM:	Zone-11 N40	088929 E235167		Elevation (ft)	280	
PLSS:	T12S, R18E,	Sec. 11, NE (M)		Acres:	5.0	
Location:	ABOUT 0.6 I	MILES EAST OF AVENUE 1	1 AT ROAD 31	, 0.7 MILES WEST OF AVEN	JE 11 AT IOWA AVE, SE OF M	ADERA.
Detailed Location:	MAPPED AC	CORDING TO THE PROVI	DED COORDIN	IATES.		
Ecological:		A BARREN, GRADED, DEN N ALONG THE PERIMETER		OT WITH DECIDUOUS ORCI	HARDS AND SPARSE RUDER	AL.
General:	1 OBSERVE	D ON 9 MAR 2018 TAKING	REFUGE UND	ER A COVER BOARD OUTS	DE OF AN EXCLUSION FENCI	Ξ.
Owner/Manager:	FEDERAL R	AILROAD AUTHORITY				
Occurrence No.	744	Map Index: B2235	EO Index:	114159	Element Last Seen:	2018-03-23
Occ. Rank:	Poor	•	Presence:	Presumed Extant	Site Last Seen:	2018-03-23
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2019-02-05
Quad Summary:	Gregg (3611	988)				
County Summary:	Madera					
Lat/Long:	36.92401 / -1	19.97462		Accuracy:	80 meters	
UTM:	Zone-11 N40	90577 E235033		Elevation (ft)	282	
PLSS:	T11S, R18E,	Sec. 35, SW (M)		Acres:	5.0	
Location:	ABOUT 0.5 I	MILES WEST OF AVENUE	12 AT ROAD 32	2, 2.6 MILES EAST OF HIGHV	VAY 99 AT AVENUE 12, SE OF	MADERA.
Detailed Location:	MAPPED AC	CORDING TO THE PROVI	DED COORDIN	IATES.		
Ecological:	THE INDIVIE		KING REFUGE		VEGETATION ALONG THE P UTSIDE OF THE EXCLUSION	
General:	1 OBSERVE	D TAKING REFUGE UNDEI	R A COVER BO	OARD OUTSIDE OF THE EXC	LUSION FENCING ON 23 MAR	2018.
Owner/Manager:	FEDERAL R	AILROAD AUTHORITY				
Occurrence No.	749	Map Index: B2240	EO Index:	114164	Element Last Seen:	2010-04-05
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2010-04-05
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2019-02-06
Quad Summary:	Little Table N	/tn. (3711917)				
County Summary:	Madera					
Lat/Long:	37.062 / -119	9.7676		Accuracy:	80 meters	
UTM:	Zone-11 N41	05334 E253924		Elevation (ft)	720	
PLSS:	T10S, R20E,	Sec. 15, NE (M)		Acres:	5.0	
Location:	1.7 MILES N	NE OF HIGHWAY 41 AT BE	LLVIEW ROAD	0 (ROAD 208), NW OF MILLE	RTON LAKE, NE OF MADERA.	
Detailed Location:		CORDING TO THE PROVI OLD DRAINAGE. EAST OF			RIPTION OF "ISOLATED POO	L LOCATED
Ecological:	NON-NATIV	E ANNUAL GRASSLAND. R	URAL RESIDE	NCES.		
General:	15 ADULTS	AND 15 JUVENILES OBSER	RVED ON 5 AP	R 2010.		
Owner/Manager:	PVT					

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Occurrence No.	750	Map Index: B2241	EO Index:	114165		Element Last Seen:	2010-04-05
Occ. Rank:	Good		Presence:	Presumed Ext	tant	Site Last Seen:	2010-04-05
Осс. Туре:	Natural/Nat	ive occurrence	Trend:	Unknown		Record Last Updated:	2019-02-06
Quad Summary:	Little Table	Mtn. (3711917)					
County Summary:	Madera						
Lat/Long:	37.0432 / -1	119.7774			Accuracy:	80 meters	
UTM:	Zone-11 N4	103273 E252991			Elevation (ft):	616	
PLSS:	T10S, R20E	E, Sec. 22, SW (M)			Acres:	5.0	
Location:	0.3 MILES I	NNE OF HIGHWAY 41 AT BE	LLVIEW ROAD	D (ROAD 208), N	W OF MILLERT	ON LAKE, NE OF MADERA.	
Detailed Location:		CCORDING TO THE PROVIE		NATES AND LO	CATION DESCRI	PTION OF "ISOLATED POO	L LOCATED
Ecological:	NON-NATI\	/E ANNUAL GRASSLAND, R	URAL RESIDE	NSES.			
General:	ABOUT 50 SURFACE.	JUVENILES OBSERVED ON	5 APR 2010. A	APPROXIMATEI	LY 40 DEAD TAD	POLES OBSERVED FLOAT	ING ON
Owner/Manager:	PVT						
Occurrence No.	752	Map Index: B2244	EO Index:	114167		Element Last Seen:	2018-04-24
Occurrence No. Occ. Rank:	752 Good	Map Index: B2244	EO Index: Presence:	114167 Presumed Ext	tant	Element Last Seen: Site Last Seen:	2018-04-24 2018-05-07
	Good	Map Index: B2244			tant		
Occ. Rank:	Good Natural/Nati		Presence:	Presumed Ext	tant	Site Last Seen:	2018-05-07
Occ. Rank: Occ. Type:	Good Natural/Nati	ive occurrence	Presence:	Presumed Ext	tant	Site Last Seen:	2018-05-07
Occ. Rank: Occ. Type: Quad Summary:	Good Natural/Nati	ive occurrence ge (3611987)	Presence:	Presumed Ext	tant Accuracy:	Site Last Seen:	2018-05-07
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Good Natural/Nati Lanes Bridg Madera 36.98491 / -	ive occurrence ge (3611987)	Presence:	Presumed Ext		Site Last Seen: Record Last Updated:	2018-05-07
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Good Natural/Nat Lanes Bridg Madera 36.98491 / - Zone-11 N4	ive occurrence ge (3611987) -119.79521	Presence:	Presumed Ext	Accuracy:	Site Last Seen: Record Last Updated: 80 meters	2018-05-07
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Good Natural/Nati Lanes Bridg Madera 36.98491 / - Zone-11 N4 T11S, R20E	ive occurrence ge (3611987) -119.79521 1096851 E251217	Presence: Trend:	Presumed Ext	Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 80 meters 427 5.0	2018-05-07 2019-02-06
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Good Natural/Nati Lanes Bridg Madera 36.98491 / - Zone-11 N4 T11S, R20E NEAR HIGH	ive occurrence ge (3611987) -119.79521 4096851 E251217 E, Sec. 9, SW (M)	Presence: Trend:	Presumed Ext Unknown SING OF MADE	Accuracy: Elevation (ft): Acres: ERA CANAL, EAS	Site Last Seen: Record Last Updated: 80 meters 427 5.0 T OF THE CITY OF MADER.	2018-05-07 2019-02-06
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Good Natural/Nati Lanes Bridg Madera 36.98491 / - Zone-11 N4 T11S, R20E NEAR HIGH MAPPED A NON-NATIN	ive occurrence ge (3611987) -119.79521 4096851 E251217 E, Sec. 9, SW (M) HWAY 41, 0.6 MILE NORTH C	Presence: Trend: DF THE CROS DED COORDIN MERGENT VE	Presumed Ext Unknown SING OF MADE JATES, BETWE GETATION PRE	Accuracy: Elevation (ft): Acres: ERA CANAL, EAS EN THE CANAL , ESENT. VERNAL	Site Last Seen: Record Last Updated: 80 meters 427 5.0 T OF THE CITY OF MADER. AND HIGHWAY. POOL PLANTS INCLUDE	2018-05-07 2019-02-06
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Good Natural/Nati Lanes Bridg Madera 36.98491 / - Zone-11 N4 T11S, R20E NEAR HIGH MAPPED A NON-NATIV PLAGIOBO	ive occurrence ge (3611987) -119.79521 4096851 E251217 E, Sec. 9, SW (M) HWAY 41, 0.6 MILE NORTH C CCORDING TO THE PROVIE VE ANNUAL GRASSLAND. EI	Presence: Trend: DF THE CROS DED COORDIN MERGENT VE 1 SP. POOL W.	Presumed Ext Unknown SING OF MADE IATES, BETWE GETATION PRE AS SAMPLED 1	Accuracy: Elevation (ft): Acres: ERA CANAL, EAS EN THE CANAL ESENT. VERNAL 3 & 24 APR 2018	Site Last Seen: Record Last Updated: 80 meters 427 5.0 T OF THE CITY OF MADER AND HIGHWAY. POOL PLANTS INCLUDE 9. POOL WAS DRY BY 7 MA	2018-05-07 2019-02-06 A. Y 2018.



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Occurrence No.	753	Map Index: B2245	EO Index:	114168	Element Last Seen:	2008-03-09
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2008-03-09
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2019-02-06
Quad Summary:	Millerton Lak	e West (3711916)				
County Summary:	Madera					
Lat/Long:	37.03852 / -1	119.72282		Accuracy:	80 meters	
UTM:	Zone-11 N41	102613 E257831		Elevation (ft):	483	
PLSS:	T10S, R21E,	, Sec. 30, NW (M)		Acres:	5.0	
Location:	ABOUT 0.8 M LAKE.	MILES NNE OF ROAD 211	AT MILLERTON	RD, 1.3 MI SSW OF ROAD 21	AT BELLVIEW RD, NW OF	MILLERTON
Detailed Location:		CORDING TO THE PROV	/IDED COORDIN	IATES AND LOCATION DESCR	IPTION OF "AT BASE OF OL	D RAILROAD
Ecological:	HYLA REGIL	LA TADPOLES AND EGG	S ALSO PRESE	NT.		
General:	APPROXIMA	ATELY 100 LARVAE OBSE	ERVED ON 9 MA	R 2008; AT LEAST THREE SIZE	CLASSES OF TADPOLES F	PRESENT.
Owner/Manager:	UNKNOWN					
Occurrence No.	754	Map Index: B2246	EO Index:	114169	Element Last Seen:	2008-03-09
Occ. Rank:	Fair		Presence:	Presumed Extant	Site Last Seen:	2008-03-09
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2019-02-06
Quad Summary:	Millerton Lak	e West (3711916)				
County Summary:	Madera					
Lat/Long:	37.03469 / -1	119.71412		Accuracy:	80 meters	
UTM:	Zone-11 N41	102166 E258593		Elevation (ft):	540	
PLSS:	T10S, R21E,	, Sec. 30, NE (M)		Acres:	5.0	
			LLERTON RD, 1	Acres:		N LAKE.
Location:	ABOUT 0.8			.5 MI S OF ROAD 211 AT BELLY		N LAKE.
PLSS: Location: Detailed Location: Ecological:	ABOUT 0.8 MAPPED AC	MI NE OF HWY 211 AT MI	IDED COORDIN	.5 MI S OF ROAD 211 AT BELLY	VIEW RD, NW OF MILLERTC	IN LAKE.
Location: Detailed Location: Ecological:	ABOUT 0.8 M MAPPED AC VERNAL PU	MI NE OF HWY 211 AT MI CORDING TO THE PROV DDLE/POOL IN NON-NAT	/IDED COORDIN	.5 MI S OF ROAD 211 AT BELL IATES.	VIEW RD, NW OF MILLERTC X 0.2M.	N LAKE.
Location: Detailed Location: Ecological: General:	ABOUT 0.8 M MAPPED AC VERNAL PU	MI NE OF HWY 211 AT MI CORDING TO THE PROV DDLE/POOL IN NON-NAT	/IDED COORDIN	.5 MI S OF ROAD 211 AT BELLY IATES. D. APPROXIMATELY 5M X 3M	VIEW RD, NW OF MILLERTC X 0.2M.	IN LAKE.
Location: Detailed Location: Ecological: General: Dwner/Manager:	ABOUT 0.8 M MAPPED AC VERNAL PU ABOUT 100	MI NE OF HWY 211 AT MI CORDING TO THE PROV DDLE/POOL IN NON-NAT	/IDED COORDIN	.5 MI S OF ROAD 211 AT BELL IATES. D. APPROXIMATELY 5M X 3M	VIEW RD, NW OF MILLERTC X 0.2M.	2008-01-04
Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No.	ABOUT 0.8 M MAPPED AC VERNAL PU ABOUT 100 UNKNOWN	MI NE OF HWY 211 AT MI CORDING TO THE PROV DDLE/POOL IN NON-NAT LARVAE OBSERVED ON	/IDED COORDIN IVE GRASSLAN 9 MAR 2008. A S	.5 MI S OF ROAD 211 AT BELL IATES. D. APPROXIMATELY 5M X 3M SINGLE ALBINO TADPOLE FOU	VIEW RD, NW OF MILLERTC X 0.2M. JND IN THE POOL.	
Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank:	ABOUT 0.8 M MAPPED AC VERNAL PU ABOUT 100 UNKNOWN 755 Good	MI NE OF HWY 211 AT MI CORDING TO THE PROV DDLE/POOL IN NON-NAT LARVAE OBSERVED ON	/IDED COORDIN IVE GRASSLAN 9 MAR 2008. A S EO Index:	5 MI S OF ROAD 211 AT BELLY IATES. D. APPROXIMATELY 5M X 3M SINGLE ALBINO TADPOLE FOU	VIEW RD, NW OF MILLERTC X 0.2M. JND IN THE POOL. Element Last Seen:	2008-01-04 2008-01-04
Location: Detailed Location:	ABOUT 0.8 M MAPPED AC VERNAL PU ABOUT 100 UNKNOWN 755 Good Natural/Nativ	MI NE OF HWY 211 AT MI CORDING TO THE PROV DDLE/POOL IN NON-NAT LARVAE OBSERVED ON Map Index: B2248	/IDED COORDIN IVE GRASSLAN 9 MAR 2008. A S EO Index: Presence:	15 MI S OF ROAD 211 AT BELLY IATES. D. APPROXIMATELY 5M X 3M SINGLE ALBINO TADPOLE FOU 114170 Presumed Extant	VIEW RD, NW OF MILLERTO X 0.2M. JND IN THE POOL. Element Last Seen: Site Last Seen:	2008-01-04
Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary:	ABOUT 0.8 M MAPPED AC VERNAL PU ABOUT 100 UNKNOWN 755 Good Natural/Nativ	MI NE OF HWY 211 AT MI CORDING TO THE PROV DDLE/POOL IN NON-NAT LARVAE OBSERVED ON Map Index: B2248 re occurrence	/IDED COORDIN IVE GRASSLAN 9 MAR 2008. A S EO Index: Presence:	15 MI S OF ROAD 211 AT BELLY IATES. D. APPROXIMATELY 5M X 3M SINGLE ALBINO TADPOLE FOU 114170 Presumed Extant	VIEW RD, NW OF MILLERTO X 0.2M. JND IN THE POOL. Element Last Seen: Site Last Seen:	2008-01-04 2008-01-04
Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary:	ABOUT 0.8 M MAPPED AC VERNAL PU ABOUT 100 UNKNOWN 755 Good Natural/Nativ Millerton Lak	MI NE OF HWY 211 AT MI CORDING TO THE PROV DDLE/POOL IN NON-NAT LARVAE OBSERVED ON Map Index: B2248 /e occurrence	/IDED COORDIN IVE GRASSLAN 9 MAR 2008. A S EO Index: Presence:	15 MI S OF ROAD 211 AT BELLY IATES. D. APPROXIMATELY 5M X 3M SINGLE ALBINO TADPOLE FOU 114170 Presumed Extant	VIEW RD, NW OF MILLERTO X 0.2M. JND IN THE POOL. Element Last Seen: Site Last Seen:	2008-01-04 2008-01-04
Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long:	ABOUT 0.8 M MAPPED AC VERNAL PU ABOUT 100 UNKNOWN 755 Good Natural/Nativ Millerton Lak Madera 37.01065 / -1	MI NE OF HWY 211 AT MI CORDING TO THE PROV DDLE/POOL IN NON-NAT LARVAE OBSERVED ON Map Index: B2248 /e occurrence	/IDED COORDIN IVE GRASSLAN 9 MAR 2008. A S EO Index: Presence:	.5 MI S OF ROAD 211 AT BELL IATES. D. APPROXIMATELY 5M X 3M SINGLE ALBINO TADPOLE FOU 114170 Presumed Extant Unknown	VIEW RD, NW OF MILLERTO X 0.2M. JND IN THE POOL. Element Last Seen: Site Last Seen: Record Last Updated:	2008-01-04 2008-01-04
Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM:	ABOUT 0.8 M MAPPED AC VERNAL PU ABOUT 100 UNKNOWN 755 Good Natural/Nativ Millerton Lak Madera 37.01065 / -1 Zone-11 N40	MI NE OF HWY 211 AT MI CORDING TO THE PROV DDLE/POOL IN NON-NAT LARVAE OBSERVED ON Map Index: B2248 re occurrence le West (3711916)	/IDED COORDIN IVE GRASSLAN 9 MAR 2008. A S EO Index: Presence:	.5 MI S OF ROAD 211 AT BELLY IATES. D. APPROXIMATELY 5M X 3M SINGLE ALBINO TADPOLE FOU 114170 Presumed Extant Unknown	VIEW RD, NW OF MILLERTO X 0.2M. JND IN THE POOL. Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile	2008-01-04 2008-01-04
Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS:	ABOUT 0.8 M MAPPED AC VERNAL PU ABOUT 100 UNKNOWN 755 Good Natural/Nativ Millerton Lak Madera 37.01065 / -1 Zone-11 N40 T11S, R20E,	MI NE OF HWY 211 AT MI CORDING TO THE PROV DDLE/POOL IN NON-NAT LARVAE OBSERVED ON Map Index: B2248 re occurrence te West (3711916) 119.74171 099568 E256061 , Sec. 1, NW (M)	/IDED COORDIN IVE GRASSLAN 9 MAR 2008. A S EO Index: Presence: Trend:	Accuracy: Elevation (ft):	VIEW RD, NW OF MILLERTO X 0.2M. JND IN THE POOL. Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile 470 18.0	2008-01-04 2008-01-04 2019-02-06
Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type:	ABOUT 0.8 M MAPPED AC VERNAL PU ABOUT 100 UNKNOWN 755 Good Natural/Nativ Millerton Lak Madera 37.01065 / -1 Zone-11 N40 T11S, R20E, ABOUT 0.3 M	MI NE OF HWY 211 AT MI CORDING TO THE PROV DDLE/POOL IN NON-NAT LARVAE OBSERVED ON Map Index: B2248 re occurrence e West (3711916) 119.74171 099568 E256061 , Sec. 1, NW (M) MI W OF ROAD 145 AT RC	/IDED COORDIN IVE GRASSLAN 9 MAR 2008. A S EO Index: Presence: Trend: DAD 206, 1 MI E /IDED LOCATIO	.5 MI S OF ROAD 211 AT BELL IATES. D. APPROXIMATELY 5M X 3M SINGLE ALBINO TADPOLE FOU 114170 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: OF ROAD 145 AT COUNTY 205 N DESCRIPTION OF "COUNTY	VIEW RD, NW OF MILLERTO X 0.2M. JND IN THE POOL. Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile 470 18.0 5, EAST OF MILLERTON LAK	2008-01-04 2008-01-04 2019-02-06 E.
Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS: Location:	ABOUT 0.8 M MAPPED AC VERNAL PU ABOUT 100 UNKNOWN 755 Good Natural/Nativ Millerton Lak Madera 37.01065 / -1 Zone-11 N40 T11S, R20E, ABOUT 0.3 M MAPPED AC WEST OF T	MI NE OF HWY 211 AT MI CCORDING TO THE PROV DDLE/POOL IN NON-NAT LARVAE OBSERVED ON Map Index: B2248 // occurrence // west (3711916) // 119.74171 // 199568 E256061 // Sec. 1, NW (M) MI W OF ROAD 145 AT RO CCORDING TO THE PROV HE INTERSECTION OF CO	/IDED COORDIN IVE GRASSLAN 9 MAR 2008. A S EO Index: Presence: Trend: DAD 206, 1 MI E /IDED LOCATIO OUNTY ROADS	.5 MI S OF ROAD 211 AT BELL IATES. D. APPROXIMATELY 5M X 3M SINGLE ALBINO TADPOLE FOU 114170 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: OF ROAD 145 AT COUNTY 205 N DESCRIPTION OF "COUNTY	VIEW RD, NW OF MILLERTO X 0.2M. JND IN THE POOL. Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile 470 18.0 5, EAST OF MILLERTON LAK ROAD 145, APPROXIMATEL	2008-01-04 2008-01-04 2019-02-06 E. Y 1800 FEET
Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location:	ABOUT 0.8 M MAPPED AC VERNAL PU ABOUT 100 UNKNOWN 755 Good Natural/Nativ Millerton Lak Madera 37.01065 / -1 Zone-11 N40 T11S, R20E, ABOUT 0.3 M MAPPED AC WEST OF TH ANNUAL GR ROAD.	MI NE OF HWY 211 AT MI CCORDING TO THE PROV DDLE/POOL IN NON-NAT LARVAE OBSERVED ON Map Index: B2248 // occurrence // west (3711916) // 119.74171 // 199568 E256061 // Sec. 1, NW (M) MI W OF ROAD 145 AT RO CCORDING TO THE PROV HE INTERSECTION OF CO	/IDED COORDIN IVE GRASSLAN 9 MAR 2008. A S EO Index: Presence: Trend: DAD 206, 1 MI E /IDED LOCATIO OUNTY ROADS	.5 MI S OF ROAD 211 AT BELL IATES. D. APPROXIMATELY 5M X 3M SINGLE ALBINO TADPOLE FOU 114170 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: OF ROAD 145 AT COUNTY 205 N DESCRIPTION OF "COUNTY 206 AND 145."	VIEW RD, NW OF MILLERTO X 0.2M. JND IN THE POOL. Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile 470 18.0 5, EAST OF MILLERTON LAK ROAD 145, APPROXIMATEL	2008-01-04 2008-01-04 2019-02-06 E. Y 1800 FEET

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California Department of Fish and Wildlife

California Natural Diversity Database



Occurrence No.	790	Map Index: B2354	EO Index:	114279		Element Last Seen:	2008-03-13
Occ. Rank:	Unknown	·	Presence:	Presumed Exta	nt	Site Last Seen:	2008-03-13
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown		Record Last Updated:	2019-02-21
Quad Summary:	Round Moun	tain (3611975)					
County Summary:	Fresno						
_at/Long:	36.84418 / -1	19.59869		А	ccuracy:	80 meters	
UTM:	Zone-11 N40	80740 E268285		E	levation (ft):	430	
PLSS:	T12S, R22E,	Sec. 32, SW (M)		A	cres:	5.0	
ocation:	0.7 AIR MILE CLOVIS.	ES NE OF INTERSECTION	I OF NORTH MC	CALL AVE AND I	EAST HERNDC	N AVE, 5 MILES EAST OF C	ITY OF
Detailed Location:		CORDING TO THE PRO	IDED COORDIN	IATES. VERNAL I	POOL #1 WITH	IN THE INDART PROPERTY	,
Ecological:	36 BY 41 ME	TER VERNAL POOL WIT	HIN A SHEEP P	ASTURE.			
General:	SPADEF00	T LARVAE OBSERVED DI	RUING A BRANC	CHIOPOD SURVE	EY ON 13 MAR	2008.	
Owner/Manager:	PVT						
Occurrence No.	800	Map Index: 72374	EO Index:	114293		Element Last Seen:	2008-03-26
Occ. Rank:	Unknown		Presence:	Presumed Extai	nt	Site Last Seen:	2008-04-09
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown		Record Last Updated:	2019-02-21
Quad Summary:	Round Moun	tain (3611975)					
County Summary:	Fresno						
_at/Long:	36.84964 / -1	19.59308		A	ccuracy:	80 meters	
JTM:	Zone-11 N40	81332 E268801		E	levation (ft):	444	
PLSS:	T12S, R22E,	Sec. 32, NE (M)		Α	cres:	0.0	
ocation:	0.85 MILE N	ORTH OF HERNDON AVE	AT NORTH DE	L REY AVE, ABO	UT 0.4 MILE EA	ST OF DOG CREEK, EAST	OF CLOVIS.
Detailed Location:	MAPPED AC	CORDING TO THE PROV	IDED COORDIN	ATES. POOL #19	9.		
Ecological:	THE PROPE	RTY PRIMARILY CONSIS				E GRASSES AND FORBS.	SCATTERED
•	THE PROPE		WAS DOMINATE	D BY NATIVE AN	ND NON-NATIV	E GRASSES AND FORBS.	SCATTERED
General:	THE PROPE	SITE. THE VEGETATION V T LARVAE OBSERVED O	WAS DOMINATE	D BY NATIVE AN	ND NON-NATIV	E GRASSES AND FORBS.	SCATTERED
General: Dwner/Manager:	THE PROPE OVER THE S SPADEFOO	SITE. THE VEGETATION V T LARVAE OBSERVED O	WAS DOMINATE	D BY NATIVE AN	ND NON-NATIV	E GRASSES AND FORBS.	SCATTERED 2008-03-26
General: Dwner/Manager: Dccurrence No.	THE PROPE OVER THE S SPADEFOO PVT-ESTILL	SITE. THE VEGETATION V	NAS DOMINATE N 26 MAR 2008.	D BY NATIVE AN	ND NON-NATIVI ED DURING TH	E GRASSES AND FORBS. E 9 APR 2008 SURVEY.	
General: Dwner/Manager: Dccurrence No. Dcc. Rank:	THE PROPE OVER THE S SPADEFOO PVT-ESTILL 805 Unknown	SITE. THE VEGETATION V	WAS DOMINATE N 26 MAR 2008. EO Index:	D BY NATIVE AN NONE OBSERVE 114299	ND NON-NATIVI ED DURING TH	E GRASSES AND FORBS. E 9 APR 2008 SURVEY. Element Last Seen:	2008-03-26
General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type:	THE PROPE OVER THE S SPADEFOO PVT-ESTILL 805 Unknown Natural/Nativ	SITE. THE VEGETATION N T LARVAE OBSERVED O Map Index: 72376	WAS DOMINATE N 26 MAR 2008. EO Index: Presence:	D BY NATIVE AN NONE OBSERVE 114299 Presumed Extai	ND NON-NATIVI ED DURING TH	E GRASSES AND FORBS. E 9 APR 2008 SURVEY. Element Last Seen: Site Last Seen:	2008-03-26 2008-03-26
General: Dwner/Manager: Doccurrence No. Docc. Rank: Docc. Type: Quad Summary:	THE PROPE OVER THE S SPADEFOO PVT-ESTILL 805 Unknown Natural/Nativ	SITE. THE VEGETATION N T LARVAE OBSERVED O Map Index: 72376 re occurrence	WAS DOMINATE N 26 MAR 2008. EO Index: Presence:	D BY NATIVE AN NONE OBSERVE 114299 Presumed Extai	ND NON-NATIVI ED DURING TH	E GRASSES AND FORBS. E 9 APR 2008 SURVEY. Element Last Seen: Site Last Seen:	2008-03-26 2008-03-26
General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary:	THE PROPE OVER THE S SPADEFOO PVT-ESTILL 805 Unknown Natural/Nativ Round Moun	SITE. THE VEGETATION N T LARVAE OBSERVED O Map Index: 72376 re occurrence tain (3611975)	WAS DOMINATE N 26 MAR 2008. EO Index: Presence:	D BY NATIVE AN NONE OBSERVE 114299 Presumed Extar Unknown	ND NON-NATIVI ED DURING TH	E GRASSES AND FORBS. E 9 APR 2008 SURVEY. Element Last Seen: Site Last Seen:	2008-03-26 2008-03-26
General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long:	THE PROPE OVER THE S SPADEFOO PVT-ESTILL 805 Unknown Natural/Nativ Round Moun Fresno 36.84469 / -1	SITE. THE VEGETATION N T LARVAE OBSERVED O Map Index: 72376 re occurrence tain (3611975)	WAS DOMINATE N 26 MAR 2008. EO Index: Presence:	D BY NATIVE AN NONE OBSERVE 114299 Presumed Extar Unknown	ND NON-NATIVI	E GRASSES AND FORBS. E 9 APR 2008 SURVEY. Element Last Seen: Site Last Seen: Record Last Updated:	2008-03-26 2008-03-26
General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM:	THE PROPE OVER THE S SPADEFOOT PVT-ESTILL 805 Unknown Natural/Nativ Round Moun Fresno 36.84469 / -1 Zone-11 N40	SITE. THE VEGETATION N T LARVAE OBSERVED O Map Index: 72376 re occurrence tain (3611975)	WAS DOMINATE N 26 MAR 2008. EO Index: Presence:	D BY NATIVE AN NONE OBSERVE 114299 Presumed Extar Unknown A E	ND NON-NATIVI	E GRASSES AND FORBS. E 9 APR 2008 SURVEY. Element Last Seen: Site Last Seen: Record Last Updated: 80 meters	2008-03-26 2008-03-26
General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS:	THE PROPE OVER THE S SPADEFOO PVT-ESTILL 805 Unknown Natural/Nativ Round Moun Fresno 36.84469 / -1 Zone-11 N40 T12S, R22E,	SITE. THE VEGETATION N T LARVAE OBSERVED O Map Index: 72376 re occurrence tain (3611975) 19.58852 080771 E269193 Sec. 32, E (M)	WAS DOMINATE N 26 MAR 2008. EO Index: Presence: Trend:	D BY NATIVE AN NONE OBSERVE 114299 Presumed Extar Unknown A E A	ND NON-NATIV ED DURING TH nt .ccuracy: levation (ft): .cres:	E GRASSES AND FORBS. E 9 APR 2008 SURVEY. Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 440	2008-03-26 2008-03-26 2019-02-21
General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS: Location:	THE PROPE OVER THE S SPADEFOO PVT-ESTILL 805 Unknown Natural/Nativ Round Moun Fresno 36.84469 / -1 Zone-11 N40 T12S, R22E, 0.55 AIR MIL CLOVIS.	SITE. THE VEGETATION N T LARVAE OBSERVED O Map Index: 72376 re occurrence tain (3611975) 19.58852 080771 E269193 Sec. 32, E (M)	NAS DOMINATE N 26 MAR 2008. EO Index: Presence: Trend: DON AVE AT NO	D BY NATIVE AN NONE OBSERVE 114299 Presumed Extar Unknown A E A DRTH DEL REY A	ND NON-NATIV ED DURING TH nt .ccuracy: .levation (ft): .cres: .VE, ABOUT 1 M	E GRASSES AND FORBS. E 9 APR 2008 SURVEY. Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 440 0.0	2008-03-26 2008-03-26 2019-02-21
Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological:	THE PROPE OVER THE S SPADEFOO PVT-ESTILL 805 Unknown Natural/Nativ Round Moun Fresno 36.84469 / -1 Zone-11 N40 T12S, R22E, 0.55 AIR MIL CLOVIS. MAPPED AC THE PROPE	SITE. THE VEGETATION N T LARVAE OBSERVED O Map Index: 72376 re occurrence tain (3611975) 19.58852 980771 E269193 Sec. 32, E (M) .ES NNE OF EAST HERNI CORDING TO THE PROV RTY PRIMARILY CONSIS	NAS DOMINATE N 26 MAR 2008. EO Index: Presence: Trend: DON AVE AT NO	D BY NATIVE AN NONE OBSERVE 114299 Presumed Extar Unknown A B RTH DEL REY A IATES. POOL #54 ANGELAND HABI	ND NON-NATIV ED DURING TH nt Accuracy: Ievation (ft): Acres: VE, ABOUT 1 M 4. ITAT WITH VER	E GRASSES AND FORBS. E 9 APR 2008 SURVEY. Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 440 0.0	2008-03-26 2008-03-26 2019-02-21 EAST OF
General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location:	THE PROPE OVER THE S SPADEFOO PVT-ESTILL 805 Unknown Natural/Nativ Round Moun Fresno 36.84469 / -1 Zone-11 N40 T12S, R22E, 0.55 AIR MIL CLOVIS. MAPPED AC THE PROPE OVER THE S	SITE. THE VEGETATION N T LARVAE OBSERVED O Map Index: 72376 re occurrence tain (3611975) 19.58852 980771 E269193 Sec. 32, E (M) .ES NNE OF EAST HERNI CORDING TO THE PROV RTY PRIMARILY CONSIS	WAS DOMINATE N 26 MAR 2008. EO Index: Presence: Trend: DON AVE AT NC /IDED COORDIN rts OF OPEN R/ WAS DOMINATE	D BY NATIVE AN NONE OBSERVE 114299 Presumed Extar Unknown A B CRTH DEL REY A ANGELAND HABI D BY NATIVE AN	ND NON-NATIV ED DURING TH nt Accuracy: Ievation (ft): Acres: VE, ABOUT 1 M 4. ITAT WITH VER	E GRASSES AND FORBS. E 9 APR 2008 SURVEY. Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 440 0.0 MILE EAST OF DOG CREEK,	2008-03-26 2008-03-26 2019-02-21 EAST OF

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California Department of Fish and Wildlife



Occurrence No.	807	Map Index: B2371	EO Index:	114301	Element Last Seen:	2008-03-12
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2008-03-12
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown	Record Last Updated:	2019-03-26
Quad Summary:	Round Mou	ntain (3611975)				
County Summary:	Fresno					
Lat/Long:	36.85152 / -	119.5884		Accuracy:	specific area	
UTM:	Zone-11 N4	081528 E269225		Elevation (ft):	448	
PLSS:	T12S, R22E	, Sec. 32, NE (M)		Acres:	19.0	
Location:	1.1 AIR MIL	ES NNE OF THE INTERSEC	TION OF EAS	FHERNDON AVE AND NORTH	DEL REY AVE, EAST OF CL	OVIS.
Detailed Location:	MAPPED A	CCORDING TO THE PROVI	DED COORDIN	IATES. POOLS #6, 7, AND 15.		
Ecological:				ANGELAND HABITAT WITH VE		SCATTERED
General:	-	SITE. THE VEGETATION W OT LARVAE DETECTED IN 3			E GRASSES AND FORBS.	
Owner/Manager:	PVT-ESTILI		FOOLS ON 12	2 WIAR 2000.		
e monimanageri		-				
Occurrence No.	809	Map Index: B2373	EO Index:	114303	Element Last Seen:	2007-03-13
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2007-03-13
Occ. Rank: Occ. Type:		ve occurrence	Presence: Trend:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2007-03-13 2019-02-21
Осс. Туре:	Natural/Nati					
Occ. Type: Quad Summary:	Natural/Nati Friant (3611	986)				
Occ. Type: Quad Summary: County Summary:	Natural/Nati Friant (3611 Fresno 36.96346 / -	986)		Unknown	Record Last Updated:	
Occ. Type: Quad Summary: County Summary: Lat/Long:	Natural/Nati Friant (3611 Fresno 36.96346 / - Zone-11 N4	986) 119.71809		Unknown Accuracy:	Record Last Updated: 80 meters	
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Natural/Nati Friant (3611 Fresno 36.96346 / - Zone-11 N4 T11S, R21E	986) 119.71809 094272 E258014 :, Sec. 19, NE (M) ES SSW OF INTERSECTIOI	Trend:	Unknown Accuracy: Elevation (ft):	Record Last Updated: 80 meters 423 5.0	2019-02-21
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Natural/Nati Friant (3611 Fresno 36.96346 / - Zone-11 N4 T11S, R21E 1.9 AIR MIL MILLERTON	986) 119.71809 094272 E258014 5, Sec. 19, NE (M) ES SSW OF INTERSECTION N LAKE.	Trend:	Unknown Accuracy: Elevation (ft): Acres:	Record Last Updated: 80 meters 423 5.0 RTH FORK RD), NEAR FRIA	2019-02-21 NT, SOUTH OF
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Natural/Nati Friant (3611 Fresno 36.96346 / - Zone-11 N4 T11S, R21E 1.9 AIR MIL MILLERTON MAPPED A	986) 119.71809 094272 E258014 5, Sec. 19, NE (M) ES SSW OF INTERSECTION N LAKE.	Trend:	Unknown Accuracy: Elevation (ft): Acres: RIANT RD AND ROAD 206 (NC	Record Last Updated: 80 meters 423 5.0 RTH FORK RD), NEAR FRIA	2019-02-21 NT, SOUTH OF
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Natural/Nati Friant (3611 Fresno 36.96346 / - Zone-11 N4 T11S, R21E 1.9 AIR MIL MILLERTON MAPPED A CATTLE GF	986) 119.71809 094272 E258014 5, Sec. 19, NE (M) ES SSW OF INTERSECTION N LAKE. CCORDING TO THE PROVI	Trend: N OF NORTH F DED COORDIN	Unknown Accuracy: Elevation (ft): Acres: RIANT RD AND ROAD 206 (NC IATES FOR POOL #5 IN THE W	Record Last Updated: 80 meters 423 5.0 RTH FORK RD), NEAR FRIA	2019-02-21 NT, SOUTH OF



California Natural Diversity Database



Rana boylii

.. Element Code: AAABH01050

foothill yellow-leg	ged frog					
Listing Status:	Federal:	None		CNDDB Element Rank	ks: Global: G3	
	State:	Candidate Threatened			State: S3	
	Other:	BLM_S-Sensitive, CDFW_S	SC-Species of S	Special Concern, IUCN_NT-Near	Threatened, USFS_S-Sensiti	ve
Habitat:	General:	PARTLY-SHADED, SHALLO	W STREAMS	AND RIFFLES WITH A ROCKY S	SUBSTRATE IN A VARIETY O	OF HABITATS.
	Micro:	NEEDS AT LEAST SOME C ATTAIN METAMORPHOSIS		SUBSTRATE FOR EGG-LAYING	G. NEEDS AT LEAST 15 WE	EKS TO
Occurrence No.	1995	Map Index: A9607	EO Index:	111466	Element Last Seen:	1953-04-18
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1953-04-18
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2018-06-01
Quad Summary:	Millerton L	ake West (3711916), O'Neals	(3711926)			
County Summary:	Madera					
Lat/Long:	37.12418	/ -119.69608		Accuracy:	1 mile	
UTM:	Zone-11 N	l4112051 E260480		Elevation (ft):	1252	
PLSS:	T09S, R21	E, Sec. 29 (M)		Acres:	1987.0	
Location:	WILLOW	CREEK IN VICINITY OF O'NE	ALS.			
Detailed Location:						
Ecological:						
General:	COLLECT	ED ON 6 NOV 1951, 15 AUG	1952, AND 18 A	APR 1953.		
Owner/Manager:	UNKNOW	Ν				





Phalacrocorax	auritus					Elemer	nt Code: ABNF	D01020
double-crested co	ormorant							
Listing Status:	Federal:	None		CNDDB Eleme	nt Ranks:	Global:	G5	
	State:	None				State:	S4	
	Other:	CDFW_WL-Watch List, IUCN	LC-Least Cor	ncern				
Habitat:	General:	COLONIAL NESTER ON CO. OF THE STATE.	ASTAL CLIFFS	S, OFFSHORE ISLANDS,	AND ALON	NG LAKE I	MARGINS IN TI	HE INTERIOR
	Micro:	NESTS ALONG COAST ON TALL TREES ALONG LAKE		ED ISLETS, USUALLY ON	N GROUND	WITH SL	OPING SURFA	CE, OR IN
Occurrence No.	40	Map Index: A1566	EO Index:	103156		Element	Last Seen:	2012-05-11
Occ. Rank:	Unknown		Presence:	Presumed Extant		Site Last	Seen:	2012-05-11
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown		Record L	ast Updated:	2016-08-23
Quad Summary:	Clovis (36	11976)						
County Summary:	Fresno							
Lat/Long:	36.79123 /	-119.73516		Accuracy	y: 80	0 meters		
UTM:	Zone-11 N	4075204 E255947		Elevation	n (ft): 3	32		
PLSS:	T13S, R21	E, Sec. 19, NW (M)		Acres:	5.	.0		
Location:	LEAKY AC	RES, ABOUT 0.3 MILES SW 0	OF ASHLAN A	VE AT N WINERY AVE IN	FRESNO.			
Detailed Location:	MAPPED -	TO PROVIDED COORDINATE	S.					
Ecological:	UNDERGO	WILLOWS IN 26-POND WATE DING CONTINUAL MAINTENA T TO AIRPORT, RESIDENTIAI	NCE, BUT NE					
General:	COLONY	OF 5 ACTIVE NESTS OBSERV	/ED ON 11 MA	Y 2012.				
Owner/Manager:	CITY OF F	RESNO						





Ardea alba great egret						Eleme	nt Code: ABNO	GA04040
0 0	Federal:	None		CND	DB Element Ranks	: Global:	G5	
	State:	None				State:	S4	
	Other:	CDF_S-Sensitive, IUCN_LC	-Least Concern					
Habitat:	General:	COLONIAL NESTER IN LAF	RGE TREES.					
	Micro:	ROOKERY SITES LOCATE AND LAKES.	D NEAR MARS	HES, TIDE-FLA	ATS, IRRIGATED PA	ASTURES, A	AND MARGINS	OF RIVERS
Occurrence No.	37	Map Index: A1562	EO Index:	103153		Element	Last Seen:	2012-05-10
Occ. Rank:	Unknown		Presence:	Presumed Ex	tant	Site Last	Seen:	2012-05-10
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown		Record L	ast Updated:	2016-08-24
Quad Summary:	Fresno No	rth (3611977)						
County Summary:	Fresno							
Lat/Long:	36.75239/	-119.82552			Accuracy:	80 meters		
UTM:	Zone-11 N	4071128 E247755			Elevation (ft):	296		
PLSS:	T13S, R20	E, Sec. 32, SW (M)			Acres:	5.0		
Location:	ISLAND IN	POND IN ROEDING PARK,	ON THE E SIDE	E OF I-99 NORT	TH OF BELMONT A	VE IN FRE	SNO.	
Detailed Location:		JTHWEST OF STORYLAND. EARTH AIR PHOTOS.	MAPPED TO PI	ROVIDED COO	RDINATES. EGRE	T/HERON R	OOKERY IS VI	SIBLE IN
Ecological:		TOPS OF TALLEST TREES OOKERY ALSO PRESENT.	IN DENSE GRO	OVE OF MULB	ERRIES ON ISLANI	d in pond	IN CITY PARK.	NIGHT
General:	7 ACTIVE	NESTS OBSERVED ON 10 M	IAY 2012; SOM	IE NESTS CON	TAINED HALF-GRO	OWN YOUN	G.	
Owner/Manager:	CITY OF F	RESNO						



Egretta thula

California Department of Fish and Wildlife

California Natural Diversity Database



Element Code: ABNGA06030

Egrotta titala						
snowy egret						
Listing Status:	Federal:	None		CNDDB Element Ran	iks: Global: G5	
	State:	None			State: S4	
	Other:	IUCN_LC-Least Concern				
Habitat:	General:	COLONIAL NESTER, WITH	H NEST SITES S	SITUATED IN PROTECTED BED	S OF DENSE TULES.	
	Micro:	ROOKERY SITES SITUAT MEADOWS, AND BORDER		ORAGING AREAS: MARSHES	, TIDAL-FLATS, STREAMS, W	/ET
Occurrence No.	16	Map Index: A1562	EO Index:	103155	Element Last Seen:	2012-05-10
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2012-05-10
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2016-08-24
Quad Summary:	Fresno No	orth (3611977)				
County Summary:	Fresno					
Lat/Long:	36.75239	/ -119.82552		Accuracy:	80 meters	
UTM:	Zone-11 N	4071128 E247755		Elevation (ft):	296	
PLSS:	T13S, R20	DE, Sec. 32, SW (M)		Acres:	5.0	
Location:	ISLAND IN	N POND IN ROEDING PARK,	, ON THE E SIDE	E OF I-99 NORTH OF BELMON	T AVE IN FRESNO.	
Detailed Location:		JTHWEST OF STORYLAND. EARTH AIR PHOTOS.	MAPPED TO PI	ROVIDED COORDINATES. EGF	RET/HERON ROOKERY IS VI	SIBLE IN
Ecological:				E GROVE OF MULBERRIES O ON GROUND, BUT NO NESTS		PARK. THIS
General:	ROUGH E	STIMATE OF 5 BREEDING I	PAIRS NESTING	ON 10 MAY 2012.		
Owner/Manager:	CITY OF F	RESNO				



California Natural Diversity Database



Nycticorax nyc black-crowned ni					Eleme	nt Code: ABNO	GA11010
Listing Status:	Federal:	None		CNDDB Element Ranl	ks: Global:	G5	
	State:	None			State:	S4	
	Other:	IUCN_LC-Least Concern					
Habitat:	General:	COLONIAL NESTER, USU	ALLY IN TREES	, OCCASIONALLY IN TULE PAT	CHES.		
	Micro:	ROOKERY SITES LOCATE MARSHY SPOTS.	ED ADJACENT T	O FORAGING AREAS: LAKE M	ARGINS, MU	D-BORDERED	BAYS,
Occurrence No.	26	Map Index: A1562	EO Index:	103152	Element	Last Seen:	2012-05-10
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last	Seen:	2012-05-10
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record L	ast Updated:	2016-08-23
Quad Summary:	Fresno No	orth (3611977)					
County Summary:	Fresno						
Lat/Long:	36.75239	/ -119.82552		Accuracy:	80 meters		
UTM:	Zone-11 N	4071128 E247755		Elevation (ft):	296		
PLSS:	T13S, R20	DE, Sec. 32, SW (M)		Acres:	5.0		
Location:	ISLAND I	N POND IN ROEDING PARK,	ON THE E SIDE	OF I-99 NORTH OF BELMONT	AVE IN FRE	SNO.	
Detailed Location:		UTHWEST OF STORYLAND. EARTH AIR PHOTOS.	MAPPED TO P	ROVIDED COORDINATES. EGR	ET/HERON R	ROOKERY IS V	SIBLE IN
Ecological:	NESTS U PRESENT		MULBERRY TRE	EES ON ISLAND IN POND IN CI	TY PARK. EG	RET ROOKERI	ES ALSO
General:	1 ADULT	SITTING TIGHT ON NEST, 1	ADULT CARRY	ING NESTING MATERIAL TO UI	NSEEN SECC	OND NEST ON	10 MAY 2012.
Owner/Manager:	CITY OF I	FRESNO					
Buteo swainso Swainson's hawk					Eleme	nt Code: ABN	<c19070< th=""></c19070<>
Listing Status:	Federal:	None		CNDDB Element Ranl	ks: Global:	G5	
	State:	Threatened			State:	S3	
	Other:	BLM_S-Sensitive, IUCN_LC	C-Least Concern	, USFWS_BCC-Birds of Conserva	ation Concern	I	
Habitat:	General:			RED TREES, JUNIPER-SAGE F		RIAN AREAS, S	AVANNAHS, &
	Micro:	REQUIRES ADJACENT SUPPORTING RODENT P		BING AREAS SUCH AS GRASSL	_ANDS, OR A	LFALFA OR GF	RAIN FIELDS



California Department of Fish and Wildlife



- ··		•• • • • • • • • •				
Occurrence No.	51	Map Index: 14711	EO Index:	27242	Element Last Seen:	2017-06-10
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2017-06-10
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2018-10-29
Quad Summary:	Little Table	Mtn. (3711917)				
County Summary:	Madera					
Lat/Long:	37.04051 / -	119.77621		Accuracy:	specific area	
UTM:	Zone-11 N4	102971 E253088		Elevation (ft):	602	
PLSS:	T10S, R20E	, Sec. 22, NW (M)		Acres:	13.0	
Location:	FROM 0.3 N	/I ENE TO 0.5 MI NNE OF H	WY 41 AT RD 2	208 (TWENTYTWO MILE HOUS	E), 5 MILES NW OF FRIANT.	
Detailed Location:	41 & RD 208		XACT LOCATIO	MZ FILE. S SITE: TERRITORY ONS OF 1979 & 2011 DETECTIONS		
Ecological:	LARGE OA		DLANDS SURF	ILAND, RESIDENCE, VINEYARI ROUNDED BY GRASSLANDS, N		
General:	FLEDGLING			(NEAR FLEDGING) OBSERVEI SURVEY; NESTING PAIR OBS		
Owner/Manager:	PVT					
Occurrence No.	829	Map Index: 43431	EO Index:	43431	Element Last Seen:	2000-07-10
Occ. Rank:	Poor		Presence:	Presumed Extant	Site Last Seen:	2000-07-10
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown	Record Last Updated:	
	- Natural/ Nati				Record East opdated.	2013-09-13
Quad Summary:	Conejo (361					2013-09-13
Quad Summary: County Summary:						2013-09-13
•	Conejo (361	1956)		Accuracy:	1/10 mile	2013-09-13
County Summary:	Conejo (361 Fresno 36.50472 / -	1956)			·	2013-09-13
County Summary: Lat/Long:	Conejo (361 Fresno 36.50472 / - Zone-11 N4	1956) 119.62767		Accuracy:	1/10 mile	2013-09-13
County Summary: Lat/Long: UTM:	Conejo (361 Fresno 36.50472 / - Zone-11 N44 T16S, R22E	1956) 119.62767 043143 E264668 5, Sec. 30, SE (M)	AND HIGHWA	Accuracy: Elevation (ft):	1/10 mile 300 0.0	2013-09-13
County Summary: Lat/Long: UTM: PLSS:	Conejo (361 Fresno 36.50472 / - Zone-11 N44 T16S, R22E NE CORNE	1956) 119.62767 043143 E264668 E, Sec. 30, SE (M) R OF CLARKSON AVENUE		Accuracy: Elevation (ft): Acres:	1/10 mile 300 0.0 UTH OF SELMA.	2013-09-13
County Summary: Lat/Long: UTM: PLSS: Location:	Conejo (361 Fresno 36.50472 / - Zone-11 N44 T16S, R22E NE CORNEL MAPPED TO HABITAT CO	1956) 119.62767 043143 E264668 E, Sec. 30, SE (M) R OF CLARKSON AVENUE O EUCALYPTUS GROVE AT ONSISTED OF A EUCALYP	⁻ "NE CORNER TUS GROVE, V	Accuracy: Elevation (ft): Acres: Y 43 (HIGHLAND AVENUE), SO	1/10 mile 300 0.0 UTH OF SELMA. " "RIMMED AT THE TIME OF T	
County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Conejo (361 Fresno 36.50472 / - Zone-11 N44 T16S, R22E NE CORNEL MAPPED TO HABITAT CO 2000 DETEC NESTING P DESPITE TH	1956) 119.62767 043143 E264668 5, Sec. 30, SE (M) R OF CLARKSON AVENUE O EUCALYPTUS GROVE AT ONSISTED OF A EUCALYP CTION. SOME ALFALFA FO PRESUMED IN 2000 DUE TC	"NE CORNER TUS GROVE, V UND GROWING THE ACTIONS	Accuracy: Elevation (ft): Acres: Y 43 (HIGHLAND AVENUE), SO OF HWY 43 & CLARKSON AVE VHICH WAS BEING CLEANED/T	1/10 mile 300 0.0 UTH OF SELMA. E." RIMMED AT THE TIME OF T OWS. I STAYED IN THE IMMEDIAT	THE YEAR



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Occurrence No.	2486	Map Index: 90142	EO Index:	91155	Element Last Seen:	2016-06-26
Occ. Rank:	Excellent	·	Presence:	Presumed Extant	Site Last Seen:	2016-06-26
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2016-10-27
Quad Summary:	Little Table N	Vtn. (3711917)			-	
County Summary:	Madera					
Lat/Long:	37.04502 / -1			Accuracy:	specific area	
UTM:		103434 E254393		Elevation (ft):	665	
PLSS:		, Sec. 23, SW (M)		Acres:	10.0	
Location:			B ABOUT 1.2 M	ILES ENE OF THE HWY 41 INT	ERSECTION 4.5 MILES NW	OF FRIANT
Detailed Location:	TWO NESTS		O COORDINA	TES AND GOOGLE EARTH MAP		
Ecological:	FORAGING			LAND (ANNUAL GRASSLAND V N AREA; SURVEYOR NOTED P		,,
General:	DELIVERING			VED IN VICINITY CA. 2005, NE NEST ON 28 JUN 2011. ADULT		
Owner/Manager:	PVT					
Occurrence No.	2487	Map Index: 90144	EO Index:	91156	Element Last Seen:	2010-05-22
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2010-05-22
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2013-08-20
Quad Summary:						
auau oummary.	Little Table N	Mtn. (3711917)				
County Summary:	Little Table N Madera	Vtn. (3711917)				
		· · ·		Accuracy:	80 meters	
County Summary:	Madera 37.01026 / -1	· · ·		Accuracy: Elevation (ft):	80 meters 420	
County Summary: Lat/Long:	Madera 37.01026 / -1 Zone-11 N40	119.84079		•		
County Summary: Lat/Long: UTM:	Madera 37.01026 / -1 Zone-11 N40 T11S, R19E,	119.84079 099785 E247242 5, Sec. 01, NE (M) E OF HWY 145 JUST E OF	THE MADERA	Elevation (ft):	420 0.0	STION, 7 MI
County Summary: Lat/Long: UTM: PLSS:	Madera 37.01026 / -1 Zone-11 N40 T11S, R19E, SOUTH SIDI WNW OF FR	119.84079 099785 E247242 5, Sec. 01, NE (M) E OF HWY 145 JUST E OF		Elevation (ft): Acres:	420 0.0	CTION, 7 MI
County Summary: Lat/Long: UTM: PLSS: Location:	Madera 37.01026 / -1 Zone-11 N40 T11S, R19E, SOUTH SIDI WNW OF FF MAPPED TO NEST IN EU DOMINATED	119.84079 099785 E247242 5, Sec. 01, NE (M) E OF HWY 145 JUST E OF T RIANT. D PROVIDED COORDINATE JCALYPTUS ADJACENT TO	ES. CANAL & BUS R NOTED POS	Elevation (ft): Acres: CANAL CROSSING, ABOUT 0.2 SY 2-LANE HIGHWAY. ON ACTIV SIBLE THREATS OF NEST TRE	420 0.0 MI W OF THE RD 208 JUNC	ASS-
County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Madera 37.01026 / -1 Zone-11 N40 T11S, R19E, SOUTH SIDI WNW OF FF MAPPED TO NEST IN EU DOMINATEL CONVERSIO 1 SWAINSO	119.84079 099785 E247242 5, Sec. 01, NE (M) TE OF HWY 145 JUST E OF RIANT. D PROVIDED COORDINATE JCALYPTUS ADJACENT TO D RANGELAND. SURVEYOF ON OF RANGELAND. HERC	ES. CANAL & BUS R NOTED POS DN/EGRET ROO NEST, 1 CALL	Elevation (ft): Acres: CANAL CROSSING, ABOUT 0.2 SY 2-LANE HIGHWAY. ON ACTIV SIBLE THREATS OF NEST TRE	420 0.0 MI W OF THE RD 208 JUNC /ELY GRAZED ANNUAL GR E REMOVAL, TRAFFIC DIS	ASS- FURBANCE,



California Department of Fish and Wildlife



Occurrence No.	2494	Map Index: 90191	EO Index:	91202	Element Last Seen:	2013-05-27
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2013-05-27
Осс. Туре:	Natural/Nativ	/e occurrence	Trend:	Unknown	Record Last Updated:	2013-09-06
Quad Summary:	Lanes Bridge	e (3611987)				
County Summary:	Madera					
Lat/Long:	36.97722 / -1	119.79417		Accuracy	: 80 meters	
UTM:	Zone-11 N40)95995 E251283		Elevation	(ft): 430	
PLSS:	T11S, R20E,	, Sec. 16, NW (M)		Acres:	0.0	
Location:	WEST SIDE WSW OF FR		HE MADERA CA	NAL CROSSING, ABOUT	0.7 MI N OF THE AVE 15 JUNCTI	ON, 4.4 MI
Detailed Location:	MAPPED TO	PROVIDED COORDINAT	TES.			
Ecological:					WEEN CANAL AND HIGHWAY. SU TO THE HIGHWAY MAY BE A CO	
General:	NEST-BUILD	DING OBSERVED ON 27 M	MAY, PREY EXC	HANGE ON 3 JUN, AND F	PAIR PERCHED NEAR NEST ON 2	1 JUN 2013.
Owner/Manager:	USBOR					
Occurrence No.	2507	Map Index: 90265	EO Index:	91298	Element Last Seen:	1914-04-10
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1914-04-10
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2013-09-09
Quad Summary:	Conejo (361	1956)				
County Summary:	Fresno					
Lat/Long:	36.51799 / -1	119 71927		Accuracy	: 1 mile	
UTM:)44844 E256504		Elevation		
PLSS:	T16S, R21E,			Acres:	0.0	
Location:	CONEJO.					
Location.						
Detailed Location:		GIVEN LOCALITY "CON	E.IO " EXACT CO	ILLECTION LOCATION L	NKNOWN	
	MAPPED TO NEST 50' UF				NKNOWN. EST A BULKY MASS OF DRY STIC	KS AND
Ecological:	MAPPED TO NEST 50' UF TWIGS LINE		OP OF DEAD PC	PLAR TREE IN FIELD. NI		KS AND
Ecological: General:	MAPPED TO NEST 50' UF TWIGS LINE	P IN TRIPLE FORKS AT TO D WITH BARK.	OP OF DEAD PC	PLAR TREE IN FIELD. NI		KS AND
Ecological: General: Owner/Manager:	MAPPED TC NEST 50' UF TWIGS LINE BIRD ON NE UNKNOWN	P IN TRIPLE FORKS AT TO ED WITH BARK. EST OBSERVED ON 10 AF	DP OF DEAD PC PR 1914, 2 EGG	PLAR TREE IN FIELD. NI	EST A BULKY MASS OF DRY STIC	
Ecological: General: Owner/Manager: Occurrence No.	MAPPED TC NEST 50' UF TWIGS LINE BIRD ON NE UNKNOWN 2583	P IN TRIPLE FORKS AT TO D WITH BARK.	DP OF DEAD PC PR 1914, 2 EGG EO Index:	91594 PPLAR TREE IN FIELD. NI	EST A BULKY MASS OF DRY STIC	1956-05-04
Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	MAPPED TC NEST 50' UF TWIGS LINE BIRD ON NE UNKNOWN 2583 Unknown	P IN TRIPLE FORKS AT TO D WITH BARK. EST OBSERVED ON 10 AF Map Index: 46277	DP OF DEAD PC PR 1914, 2 EGG EO Index: Presence:	PLAR TREE IN FIELD. N S WERE COLLECTED. 91594 Presumed Extant	EST A BULKY MASS OF DRY STIC Element Last Seen: Site Last Seen:	1956-05-04 1956-05-04
Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	MAPPED TC NEST 50' UF TWIGS LINE BIRD ON NE UNKNOWN 2583 Unknown Natural/Nativ	P IN TRIPLE FORKS AT TO D WITH BARK. EST OBSERVED ON 10 AF Map Index: 46277 /e occurrence	DP OF DEAD PC PR 1914, 2 EGG EO Index: Presence: Trend:	91594 Presumed Extant Unknown	EST A BULKY MASS OF DRY STIC Element Last Seen: Site Last Seen: Record Last Updated:	1956-05-04
Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	MAPPED TC NEST 50' UF TWIGS LINE BIRD ON NE UNKNOWN 2583 Unknown Natural/Nativ	P IN TRIPLE FORKS AT TO D WITH BARK. EST OBSERVED ON 10 AF Map Index: 46277	DP OF DEAD PC PR 1914, 2 EGG EO Index: Presence: Trend:	91594 Presumed Extant Unknown	EST A BULKY MASS OF DRY STIC Element Last Seen: Site Last Seen: Record Last Updated:	1956-05-04 1956-05-04
Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	MAPPED TC NEST 50' UF TWIGS LINE BIRD ON NE UNKNOWN 2583 Unknown Natural/Nativ	P IN TRIPLE FORKS AT TO D WITH BARK. EST OBSERVED ON 10 AF Map Index: 46277 /e occurrence	DP OF DEAD PC PR 1914, 2 EGG EO Index: Presence: Trend:	91594 Presumed Extant Unknown	EST A BULKY MASS OF DRY STIC Element Last Seen: Site Last Seen: Record Last Updated:	1956-05-04 1956-05-04
Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	MAPPED TC NEST 50' UF TWIGS LINE BIRD ON NE UNKNOWN 2583 Unknown Natural/Nativ Malaga (361	P IN TRIPLE FORKS AT TO D WITH BARK. EST OBSERVED ON 10 AF Map Index: 46277 /e occurrence 1966), Fresno South (3611	DP OF DEAD PC PR 1914, 2 EGG EO Index: Presence: Trend:	91594 Presumed Extant Unknown	EST A BULKY MASS OF DRY STIC Element Last Seen: Site Last Seen: Record Last Updated: 1977)	1956-05-04 1956-05-04
Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	MAPPED TC NEST 50' UF TWIGS LINE BIRD ON NE UNKNOWN 2583 Unknown Natural/Nativ Malaga (361 Fresno 36.77388 / -1	P IN TRIPLE FORKS AT TO D WITH BARK. EST OBSERVED ON 10 AF Map Index: 46277 /e occurrence 1966), Fresno South (3611	DP OF DEAD PC PR 1914, 2 EGG EO Index: Presence: Trend:	PPLAR TREE IN FIELD. N S WERE COLLECTED. 91594 Presumed Extant Unknown 1976), Fresno North (361	EST A BULKY MASS OF DRY STIC Element Last Seen: Site Last Seen: Record Last Updated: 1977) : 5 miles	1956-05-04 1956-05-04
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	MAPPED TC NEST 50' UF TWIGS LINE BIRD ON NE UNKNOWN 2583 Unknown Natural/Nativ Malaga (361 Fresno 36.77388 / -1	Map Index: 46277 /e occurrence 1966), Fresno South (3611 119.77951 073392 E251931	DP OF DEAD PC PR 1914, 2 EGG EO Index: Presence: Trend:	PPLAR TREE IN FIELD. N S WERE COLLECTED. 91594 Presumed Extant Unknown 1976), Fresno North (361 Accuracy	EST A BULKY MASS OF DRY STIC Element Last Seen: Site Last Seen: Record Last Updated: 1977) : 5 miles	1956-05-04 1956-05-04
Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	MAPPED TC NEST 50' UF TWIGS LINE BIRD ON NE UNKNOWN 2583 Unknown Natural/Nativ Malaga (361 Fresno 36.77388 / -1 Zone-11 N40	Map Index: 46277 /e occurrence 1966), Fresno South (3611 119.77951 073392 E251931	DP OF DEAD PC PR 1914, 2 EGG EO Index: Presence: Trend:	PPLAR TREE IN FIELD. N S WERE COLLECTED. 91594 Presumed Extant Unknown 1976), Fresno North (361 Accuracy Elevation	EST A BULKY MASS OF DRY STIC Element Last Seen: Site Last Seen: Record Last Updated: 1977) : 5 miles (ft): 300	1956-05-04 1956-05-04
Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	MAPPED TC NEST 50' UF TWIGS LINE BIRD ON NE UNKNOWN 2583 Unknown Natural/Nativ Malaga (361 Fresno 36.77388 / -1 Zone-11 N40 T13S, R20E, FRESNO.	P IN TRIPLE FORKS AT TO D WITH BARK. EST OBSERVED ON 10 AF Map Index: 46277 /e occurrence 1966), Fresno South (3611 119.77951 073392 E251931 , Sec. 27 (M)	DP OF DEAD PC PR 1914, 2 EGG EO Index: Presence: Trend: 967), Clovis (361	91594 91594 Presumed Extant Unknown 1976), Fresno North (361 Accuracy Elevation Acres:	EST A BULKY MASS OF DRY STIC Element Last Seen: Site Last Seen: Record Last Updated: 1977) : 5 miles (ft): 300	1956-05-04 1956-05-04
Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	MAPPED TC NEST 50' UF TWIGS LINE BIRD ON NE UNKNOWN 2583 Unknown Natural/Nativ Malaga (361 Fresno 36.77388 / -1 Zone-11 N40 T13S, R20E, FRESNO.	P IN TRIPLE FORKS AT TO D WITH BARK. EST OBSERVED ON 10 AF Map Index: 46277 /e occurrence 1966), Fresno South (3611 119.77951 073392 E251931 , Sec. 27 (M)	DP OF DEAD PC PR 1914, 2 EGG EO Index: Presence: Trend: 967), Clovis (361	91594 91594 Presumed Extant Unknown 1976), Fresno North (361 Accuracy Elevation Acres:	EST A BULKY MASS OF DRY STIC Element Last Seen: Site Last Seen: Record Last Updated: 1977) : 5 miles (ft): 300 0.0	1956-05-04 1956-05-04
Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	MAPPED TC NEST 50' UF TWIGS LINE BIRD ON NE UNKNOWN 2583 Unknown Natural/Nativ Malaga (361 Fresno 36.77388 / -1 Zone-11 N40 T13S, R20E, FRESNO. MAPPED GE	P IN TRIPLE FORKS AT TO D WITH BARK. EST OBSERVED ON 10 AF Map Index: 46277 /e occurrence 1966), Fresno South (3611 119.77951 073392 E251931 , Sec. 27 (M) ENERALLY TO GIVEN LOO	DP OF DEAD PC PR 1914, 2 EGG EO Index: Presence: Trend: 967), Clovis (361	91594 91594 Presumed Extant Unknown 1976), Fresno North (361 Accuracy Elevation Acres:	EST A BULKY MASS OF DRY STIC Element Last Seen: Site Last Seen: Record Last Updated: 1977) : 5 miles (ft): 300 0.0	1956-05-04 1956-05-04 2013-09-26



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Occurrence No.	2691	Map Index: A2000	EO Index:	103593		Element Last Seen:	2016-04-16
Occ. Rank:	Fair		Presence:	Presumed Exta	ant	Site Last Seen:	2016-04-16
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2016-09-28
Quad Summary:	Madera (361	2081)					
County Summary:	Madera						
Lat/Long:	36.95316 / -1	20.10889		A	Accuracy:	80 meters	
UTM:	Zone-10 N40	93583 E757427		E	Elevation (ft):	250	
PLSS:	T11S, R17E,	Sec. 22, SW (M)		4	Acres:	5.0	
Location:	NORTH SID	E OF AVE 14, ABOUT 0.1 N	IILES NE OF IT	S INTERSECTIO	ON WITH RD 24	IN MADERA.	
Detailed Location:) SYCAMORE/PLANE TREE RDINATES GIVEN ARE CLO			NCE, VISIBLE IN	N AIR PHOTOS AND GOOGI	E STREET
Ecological:		CAMORE/PLANE TREE IN STURBANCE FROM ADJAG				PECIES DETERMINED FRO	M PROVIDED
General:	1 ADULT OB	SERVED CIRCLING NEST	TREE AND SIT	TTING ON NEST	ON 16 APR 201	6.	
Owner/Manager:	UNKNOWN						
Occurrence No.	2695	Map Index: A2373	EO Index:	103984		Element Last Seen:	2016-06-26
Occ. Rank:	Good		Presence:	Presumed Exta	ant	Site Last Seen:	2016-06-26
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2016-11-17
Quad Summary:	Little Table M	/tn. (3711917)					
County Summary:	Madera						
Lat/Long:	37.04524 / -1	19.77032		A	Accuracy:	80 meters	
UTM:	Zone-11 N41	03481 E253627		E	Elevation (ft):	634	
PLSS:	T10S, R20E,	Sec. 22, SE (M)		4	Acres:	5.0	
Location:	ABOUT 0.7	MILES NE OF HWY 41 AT F	RD 208 & 2.75 N	AILES WSW OF I	BERRY HILL, N	W OF MILLERTON LAKE.	
Detailed Location:	MAPPED TC	PROVIDED COORDINATE	S.				
Ecological:	MOSTLY FL	AT, OPEN OAK SAVANNA	USED TO GRA	ZE CATTLE.			
General:	PAIR SEEN TREE ON 26		AR & JUN 2010	6, WITH 4 RECEI	NT FLEDGLING	S OBSERVED FLYING ARO	UND NEST
Owner/Manager:	PVT						
Occurrence No.	2696	Map Index: A2418	EO Index:	104028		Element Last Seen:	2016-07-12
Occ. Rank:	Unknown		Presence:	Presumed Exta	ant	Site Last Seen:	2016-07-12
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2016-10-31
Quad Summary:	Madera (361	2081)					
County Summary:	Madera						
Lat/Long:	36.92609 / -1	20.01794		A	Accuracy:	80 meters	
UTM:	Zone-10 N40	90828 E765622		E	Elevation (ft):	273	
PLSS:	T11S, R18E,	Sec. 33, SW (M)		A	Acres:	5.0	
Location:	NORTH SIDI	E OF COTTONWOOD CRE	EK ABOUT 0.2	5 MILES NW OF	HWY 99 AT AVI	E 12, 3 MILES SE OF MADE	RA.
Detailed Location:	MAPPED TC	PROVIDED COORDINATE	S.				
Ecological:		TTONWOOD IN RIPARIAN .; SURROUNDING AREA A			COTTONWOOD	D CREEK. AREA NORTH OF	CANAL WAS
General:	ACTIVE NES	T MONITORED THROUGH	2016 SEASO	N; BY 12 JUL, 3 Y	YOUNG HAD FL	EDGED.	
Owner/Manager:	UNKNOWN						

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Occurrence No.	2697	Map Index: A2463	EO Index:	104070		Element Last Seen:	2017-06-15
Occ. Rank:	Good		Presence:	Presumed Exta	ant	Site Last Seen:	2017-06-15
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown		Record Last Updated:	2019-05-17
Quad Summary:	Gregg (361	1988)					
County Summary:	Madera						
Lat/Long:	36.94117 / -	119.99664			Accuracy:	specific area	
UTM:	Zone-11 N4	092542 E233132		I	Elevation (ft):	282	
PLSS:	T11S, R18E	, Sec. 27, SW (M)			Acres:	15.0	
Location:	COTTONW MADERA.	OOD CREEK, ABOUT 0.4 MI	I SW OF THE S	SANTA FE DR CI	ROSSING & 0.8	MI SE OF AVE 13 1/2 AT RD	29 1/2, SE OF
Detailed Location:		O PROVIDED COORDINATE A HIGH-SPEED RAIL PROJI		OBSERVED AS	S PART OF PRE-	CONSTRUCTION SURVEY	S FOR THE
Ecological:		GOODDING'S WILLOWS IN S URROUNDING LAND USES					
General:		NESTS & PAIR WITH 1 FLE D 2 YOUNG.	DGLING OBSE	RVED IN 2016.	2 NESTS OBSE	RVED IN 2017; SOUTH-MOS	ST NEST
Owner/Manager:	PVT, RAILR	OAD AUTHORITY					
Occurrence No.	2704	Map Index: A2901	EO Index:	104520		Element Last Seen:	2016-06-06
Occ. Rank:	Good		Presence:	Presumed Exta	ant	Site Last Seen:	2016-06-06
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown		Record Last Updated:	2016-12-21
Quad Summary:	Caruthers (3	3611957)					
County Summary:	Fresno						
Lat/Long:	36.5934 / -1	19.75544			Accuracy:	80 meters	
UTM:	Zone-11 N4	053304 E253505		1	Elevation (ft):	271	
PLSS:	T15S, R20E	, Sec. 26, SE (M)			Acres:	5.0	
Location:	WEST SIDE	OF S CEDAR AVE ABOUT	0.2 MILES NN	N OF ITS INTER	SECTION WITH	E DINUBA AVE, SOUTH OF	BOWLES.
Detailed Location:	MAPPED TO	O PROVIDED COORDINATE	S.				
Ecological:	NEST IN OA	AK TREE IN YARD OF HOUS	SE, ADJACENT	TO VINEYARD			
General:		OBSERVED COMING AND G RE EGGS OR CHICKS IN TH		NEST ON 6 JUN	2016. SURVEYO	OR WAS UNABLE TO DETER	RMINE IF
Owner/Manager:	UNKNOWN						



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Occurrence No.	2706	Map Index: A2911	EO Index:	104532	Element Last Seen:	2016-04-21
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2016-04-21
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2016-12-21
Quad Summary:	Conejo (361	1956)				
County Summary:	Fresno					
Lat/Long:	36.55096 / -	119.73772		Accuracy:	80 meters	
UTM:	Zone-11 N40	048549 E254956		Elevation (ft):	266	
PLSS:	T16S, R20E	, Sec. 12, SE (M)		Acres:	5.0	
Location:	0.25 MI NNV MONMOUTI		T E MOUNTAIN	VIEW AVE & 1.2 MI SE OF S CE	EDAR AVE AT E NEBRASKA	AVE, S OF
Detailed Location:	MAPPED TO	O PROVIDED COORDINAT	ES.			
Ecological:	STICK NES	T IN ROADSIDE EUCALYP	TUS ADJACENT	T TO INACTIVE AGRICULTRAL	LAND AND ANNUAL GRASS	LANDS.
General:	2 ADULTS C	DBSERVED CARRYING ST	ICKS TO STICK	NEST ON 21 APR 2016. NEST	NG OUTCOME UNKNOWN.	
Owner/Manager:	PVT					
Occurrence No.	2720	Map Index: A5139	EO Index:	106840	Element Last Seen:	2016-06-20
Occ. Rank:	Fair		Presence:	Presumed Extant	Site Last Seen:	2016-06-20
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2017-06-29
Quad Summary:	Malaga (361	11966), Fresno South (3611	967)			
County Summary:	Fresno					
Lat/Long:	36.67196 / -	119.75036		Accuracy:	80 meters	
UTM:	Zone-11 N40	062008 E254209		Elevation (ft):	288	
PLSS:	T14S, R20E	e, Sec. 36, NW (M)		Acres:	5.0	
Location:	W SIDE OF SOUTH FRE		MI NE OF E MAI	LAGA AVE AT S CEDAR AVE, 0	.7 MI SW OF HWY 99 AT E C	ENTRAL AVE
Detailed Location:	MAPPED TO	O PROVIDED COORDINAT	ES.			
Ecological:			SLAND WITHIN	I PASTURE WITH SCATTERED NTIAL AREA.	TREES. ADJACENT TO ROA	AD AND
	RAILROAD	IN AGRICOLI ORAL AND P				
General:		ITORED IN 2016; ONE YOU	JNG WAS SUCC	CESSFULLY FLEDGED.		
			JNG WAS SUCC	CESSFULLY FLEDGED.		
Owner/Manager:	NEST MONI		UNG WAS SUCC	CESSFULLY FLEDGED.	Element Last Seen:	2016-07-06
Owner/Manager: Occurrence No.	NEST MONI PVT	ITORED IN 2016; ONE YOI			Element Last Seen: Site Last Seen:	2016-07-06 2016-07-06
Owner/Manager: Occurrence No. Occ. Rank:	NEST MONI PVT 2724 Unknown	ITORED IN 2016; ONE YOI	EO Index:	108052		
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	NEST MONI PVT 2724 Unknown	ITORED IN 2016; ONE YOU Map Index: A6297 ve occurrence	EO Index: Presence:	108052 Presumed Extant	Site Last Seen:	2016-07-06
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	NEST MONI PVT 2724 Unknown Natural/Nativ	ITORED IN 2016; ONE YOU Map Index: A6297 ve occurrence	EO Index: Presence:	108052 Presumed Extant	Site Last Seen:	2016-07-06
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	NEST MONI PVT 2724 Unknown Natural/Nativ Biola (36120	ITORED IN 2016; ONE YOU Map Index: A6297 ve occurrence 071)	EO Index: Presence:	108052 Presumed Extant	Site Last Seen:	2016-07-06
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	NEST MONI PVT 2724 Unknown Natural/Nativ Biola (36120 Madera 36.85106 / -	ITORED IN 2016; ONE YOU Map Index: A6297 ve occurrence 071)	EO Index: Presence:	108052 Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2016-07-06
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	NEST MONI PVT 2724 Unknown Natural/Nativ Biola (36120 Madera 36.85106 / - Zone-10 N40	ITORED IN 2016; ONE YOU Map Index: A6297 ve occurrence 071) 120.08382	EO Index: Presence:	108052 Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: 80 meters	2016-07-06
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	NEST MONI PVT 2724 Unknown Natural/Nativ Biola (36120 Madera 36.85106 / - Zone-10 N40 T12S, R17E	ITORED IN 2016; ONE YOU Map Index: A6297 ve occurrence 071) 120.08382 082320 E760007 E, Sec. 35, NW (M)	EO Index: Presence: Trend:	108052 Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 80 meters 237 5.0	2016-07-06 2017-09-08
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	NEST MONI PVT 2724 Unknown Natural/Nativ Biola (36120 Madera 36.85106 / - Zone-10 N40 T12S, R17E SOUTH SID	ITORED IN 2016; ONE YOU Map Index: A6297 ve occurrence 071) 120.08382 082320 E760007 E, Sec. 35, NW (M)	EO Index: Presence: Trend:	108052 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 80 meters 237 5.0	2016-07-06 2017-09-08
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	NEST MONI PVT 2724 Unknown Natural/Nativ Biola (36120 Madera 36.85106 / - Zone-10 N40 T12S, R17E SOUTH SID	Map Index: A6297 ve occurrence 071) 120.08382 082320 E760007 E, Sec. 35, NW (M) DE OF AVE 7, ABOUT 0.5 M	EO Index: Presence: Trend:	108052 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 80 meters 237 5.0	2016-07-06 2017-09-08
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	NEST MONI PVT 2724 Unknown Natural/Nativ Biola (36120 Madera 36.85106 / - Zone-10 N40 T12S, R17E SOUTH SID MAPPED TO	ITORED IN 2016; ONE YOU Map Index: A6297 ve occurrence 071) 120.08382 082320 E760007 E, Sec. 35, NW (M) DE OF AVE 7, ABOUT 0.5 M O PROVIDED COORDINAT	EO Index: Presence: Trend:	108052 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 80 meters 237 5.0 DN AND 1.5 MILES W OF RIF	2016-07-06 2017-09-08

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Occurrence No.	2775	Map Index: B3341	EO Index:	115257		Element Last Seen:	2017-05-13
Occ. Rank:	Unknown		Presence:	Presumed Ex	tant	Site Last Seen:	2017-05-13
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2019-07-10
Quad Summary:	Lanes Bridge	e (3611987)					
County Summary:	Madera						
Lat/Long:	36.99076 / -1	119.86749			Accuracy:	specific area	
UTM:	Zone-11 N40	97692 E244802			Elevation (ft):	392	
PLSS:	T11S, R19E,	, Sec. 11, NW (M)			Acres:	10.0	
Location:	EAST SIDE	OF ANACONDA RD, ABOI	JT 0.1-0.25 MI N	OF THE AVEN	NUE 16 1/2 INTER	SECTION, MADERA RANCH	HOS.
Detailed Location:	MAPPED TO	PROVIDED COORDINAT	ES. 2017 SITE	NORTH OF 201	I6 SITE.		
Ecological:	2016: NEST AREA.	IN TREE IN YARD OF PR	IVATE RESIDEN	ICE. 2017: NES	ST APPEARS TO I	BE IN SYCAMORE TREE IN	RESIDENTIAL
General:		AIR WITH 2 YOUNG REPO RE IN PREVIOUS YEARS			,	TEDLY, SWAINSON'S HAW DN 13 MAY 2017.	KS HAD
Owner/Manager:	PVT						

Coccyzus americanus occidentalis Element Code: ABNRB02022									
western yellow-billed cuckoo									
Listing Status:	Federal:	Threatened		CND	DB Element Rank	s: Global:	G5T2T3		
	State:	Endangered				State:	S1		
	Other: BLM_S-Sensitive, NABCI_RWL-Red Watch List, USFS_S-Sensitive, USFWS_BCC-Birds of Cons							Concern	
Habitat:	General: RIPARIAN FOREST NESTER, ALONG THE BROAD, LOWER FLOOD-BOTTOMS OF LARGER RIVER SYSTEMS Micro: NESTS IN RIPARIAN JUNGLES OF WILLOW, OFTEN MIXED WITH COTTONWOODS, WITH LOWER STORY O BLACKBERRY, NETTLES, OR WILD GRAPE.								
Occurrence No.	87	Map Index: 14944	EO Index:	25589		Element	Last Seen:	1902-07-10	
Occ. Rank:	None		Presence:	Extirpated		Site Last	Seen:	1902-07-10	
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated: 1989-			1989-08-10	
Quad Summary:	Sanger (3611965), Malaga (3611966), Round Mountain (3611975), Clovis (3611976)								
County Summary:	Fresno	Fresno							
Lat/Long:	36.75271 / -119.63986				Accuracy:	1 mile			
UTM:	Zone-11 N4070690 E264333				Elevation (ft):	345			
PLSS:	T13S, R21E, Sec. 36, SW (M) Acres:					0.0			
Location:	FANCHER CREEK, 6 MI NE OF FRESNO.								
Detailed Location:									
Ecological:									
General:	REPORTE	REPORTED AS UNCOMMON BUT NESTING BY TYLER (1913).							
Owner/Manager:	PVT	PVT							



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Occurrence No.	197	Map Index: 34860	EO Index:	96983	Element Last Seen:	1883-06-17
Occ. Rank:	None		Presence:	Extirpated	Site Last Seen:	1883-06-17
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2015-04-13
Quad Summary:	Lanes Brid	dge (3611987)				
County Summary:	Fresno, M	adera				
Lat/Long:	36.89556	/ -119.79294		Accuracy:	1 mile	
UTM:	Zone-11 N	I4086930 E251128		Elevation (ft)	270	
PLSS:	T12S, R20	0E, Sec. 09 (M)		Acres:	0.0	
Location:	VICINITY	OF THE SAN JOAQUIN RIVE	R, ABOUT 9 MI	LES NORTH OF FRESNO.		
Detailed Location:						
Ecological:						
General:			5 EGGS COLLE	CTED 10 JUN, 4 ADDITIONA	_ TAKEN 17 JUN 1883.	
Owner/Manager:	UNKNOW	Ν				
Occurrence No.	198	Map Index: 95841	EO Index:	96985	Element Last Seen:	1898-07-08
Occ. Rank:	None		Presence:	Possibly Extirpated	Site Last Seen:	1898-07-08
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2015-04-13
Quad Summary:	Selma (36	11955), Conejo (3611956)				
County Summary:	Fresno					
Lat/Long:	36.57134	/ -119.61218		Accuracy:	1 mile	
UTM:	Zone-11 N	4050498 E266256		Elevation (ft)	300	
PLSS:	T16S, R22	2E, Sec. 06 (M)		Acres:	0.0	
Location:	SELMA.					
Detailed Location:						
Ecological:						
General:	2 EGGS C	OLLECTED ON 8 JUL 1898 ((USNM #B 4401	2).		
Owner/Manager:	UNKNOW	Ν				
Athene cunicu	laria				Element Code: ABN	SB10010
burrowing owl						
Listing Status:	Federal:	None		CNDDB Element R	anks: Global: G4	
	State:	None			State: S3	
	Other:	BLM_S-Sensitive, CDFW_S Conservation Concern	SC-Species of S	Special Concern, IUCN_LC-Le	ast Concern, USFWS_BCC-Bir	ds of
Habitat:	General:	OPEN, DRY ANNUAL OR F GROWING VEGETATION.	PERENNIAL GR	ASSLANDS, DESERTS, AND	SCRUBLANDS CHARACTERI	ZED BY LOW-
	Micro:	SUBTERRANEAN NESTER GROUND SQUIRREL.	R, DEPENDENT	UPON BURROWING MAMM	ALS, MOST NOTABLY, THE CA	ALIFORNIA



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Occurrence No.	355	Map Index: 42847	EO Index:	42847		Element Last Seen:	2000-04-04
Occ. Rank:	Good		Presence:	Presumed E	xtant	Site Last Seen:	2000-04-04
Осс. Туре:	Natural/Nativ	/e occurrence	Trend:	Unknown		Record Last Updated:	2000-05-02
Quad Summary:	Lanes Bridge	e (3611987)					
County Summary:	Madera						
Lat/Long:	36.94372 / -′	119.78949			Accuracy:	80 meters	
UTM:	Zone-11 N40	092265 E251591			Elevation (ft):	396	
PLSS:	T11S, R20E	, Sec. 28, SE (M)			Acres:	0.0	
Location:	0.25 MILE E	AST OF HIGHWAY 41, 1.4 N	/ILES NORTH	OF AVENUE	12, 8 MILES NW O	F FRIANT.	
Detailed Location:							
Ecological:		ONSISTS OF GRAZED ANN LIUM SPP, AVENA FATUA,			ERSED BY VERN	AL POOLS; DOMINATED BY	BROMUS
General:	ON 4 APR 2	000, 1 ADULT WAS OBSER	VED AT THE E	SURROW SITE	, WHICH CONTAI	NED WHITEWASH AND PEL	LETS.
Owner/Manager:	CALTRANS						
Occurrence No.	473	Map Index: 48626	EO Index:	48626		Element Last Seen:	2002-06-06
Occ. Rank:	Excellent		Presence:	Presumed E	xtant	Site Last Seen:	2002-06-06
Occ. Type:		/e occurrence	Trend:	Unknown		Record Last Updated:	2002-08-21
Quad Summary:	Little Table N	<i>I</i> tn. (3711917)				•	
County Summary:	Madera						
Lat/Long:	37.01102 / -′	119.83499			Accuracy:	specific area	
UTM:	Zone-11 N40)99853 E247761			Elevation (ft):	435	
PLSS:	T10S, R20E	, Sec. 31, SW (M)			Acres:	11.2	
Location:	0.2 MILE EA	ST OF THE INTERSECTION	NOF ROAD 20	8 AND HIGHW	/AY 145, 3.7 MILE	S WEST OF LITTLE TABLE I	MOUNTAIN.
Detailed Location:	SCATTERE					BURROW COMPLEX HAS E SINGLE BURROW LOCATE	
Ecological:	HABITAT CO	ONSISTS OF GRAZED ANN	UAL GRASSLA	ND. ABUNDA	NT CALIFORNIA	GROUND SQUIRREL POPUI	ATION.
General:		002, 7 INDIVIUALS (INCLUD _TS WERE OBSERVED AT			VERE OBSERVED	OAT THE LARGER BURROV	COMPLEX,
Owner/Manager:	PVT						



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	500		501.1	40470		1001 10 \/\/
Occurrence No.	536 Eventuret	Map Index: 49176	EO Index:	49176	Element Last Seen:	1991-12-XX
Occ. Rank:	Excellent		Presence:	Presumed Extant	Site Last Seen:	1991-12-XX
Осс. Туре:		ve occurrence	Trend:	Unknown	Record Last Updated:	2002-10-29
Quad Summary:		rk (3611968)				
County Summary:	Fresno					
Lat/Long:	36.63222 / -	119.93642		Accuracy	nonspecific area	
UTM:	Zone-11 N4	058091 E237442		Elevation	(ft): 225	
PLSS:	T15S, R19E	, Sec. 18, NE (M)		Acres:	23.3	
Location:	RADIO FAC	ILITY ALONG NE SIDE OF	HENDERSON F	ROAD, 2.5 MILES NW OF	RAISIN CITY.	
Detailed Location:						
Ecological:	HABITAT C	ONSISTS OF VALLEY SIN	K SCRUB, DOM	NATED BY ATRIPLEX AN	D SUAEDA.	
General:	2 OWLS AN 1991.	D AN ACTIVE BURROW C	BSERVED ON 1	4 JUL 1989. 3 ADULT OW	IS AT ACTIVE BURROWS OBSEI	RVED IN DEC
Owner/Manager:	UNKNOWN					
Occurrence No.	537	Map Index: 49177	EO Index:	49177	Element Last Seen:	1991-12-XX
Occ. Rank:	Fair		Presence:	Presumed Extant	Site Last Seen:	1991-12-XX
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2002-10-29
Quad Summary:	Raisin (3611	958)				
County Summary:	Fresno	,				
Lat/Long:	36.60334 / -	119 92410		Accuracy	80 meters	
UTM:		054852 E238446		Elevation		
PLSS:		, Sec. 29, NE (M)		Acres:	0.0	
Location:			BETWEEN CHA		AND GRANTLAND AVENUE, WES	ST SIDE OF
	RAISIN CIT				· · · · · · · · · · · · · · · · · · ·	
Detailed Location:						
Ecological:	HABITAT C	ONSISTS OF A WEEDY, A	BANDONED OR	CHARD, WHERE THE TR	EES HAVE BEEN CUT AND REMO	OVED.
General:	2 OWLS AT	AN ACTIVE BURROW OB	SERVED IN DEC	C 1991.		
Owner/Manager:	UNKNOWN					
Occurrence No.	584	Map Index: 51291	EO Index:	51291	Element Last Seen:	2000-XX-XX
Occ. Rank:	Unknown	•	Presence:	Presumed Extant	Site Last Seen:	2000-XX-XX
Occ. Type:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2003-05-19
Quad Summary:	Lanes Bridg	e (3611087)			•	
County Summary:	Madera					
Lat/Long:	36.95096 / -	119,78377		Accuracy	: 80 meters	
UTM:		093053 E252125		Elevation		
PLSS:		, Sec. 27, NW (M)		Acres:	0.0	
		,				
Location:	U.O IVILE EA		U.O MILE SUUT	п UF KUAD 204, 7.5 MILE	S NORTH OF PINEDALE.	
Detailed Location:						
Ecological:						
General:		RVED IN SPRING 2000.				
Owner/Manager:	PVT					



California Department of Fish and Wildlife



Occurrence No.	745	Man Index: 62214	EQ Index:	62250	Element Last Seen:	2005 07 20
Occurrence No. Occ. Rank:	745 Poor	Map Index: 62214	EO Index: Presence:	Presumed Extant	Site Last Seen:	2005-07-29 2005-07-29
Occ. Rank: Occ. Type:		tive occurrence	Trend:	Unknown	Record Last Updated:	2005-07-29
			irenu.	OTIKIOWI	Record Last Opuated.	2003-00-03
Quad Summary:		ark (3611968)				
County Summary:	Fresno					
Lat/Long:	36.66276 /	-119.97057		Accura	cy: 80 meters	
UTM:	Zone-11 N4	4061574 E234493		Elevatio	on (ft): 225	
PLSS:	T14S, R18	E, Sec. 36, SW (M)		Acres:	0.0	
Location:	OFF DICKE	ENSON AND MCMULLIN, 6 M	VILES SE OF K	ERMAN.		
Detailed Location:	SITE CONS		LE OF LAND U	SED AS A TURN-AROU	ND. BURROWS WERE 4-6 FEET OF	FF ROAD
Ecological:		CONSISTS OF MOSTLY BAR IDED BY AGRICULTURE (RC			HWEEDS AND DOVEWEED PLANT	S;
General:	UP TO 5 B	URROWS AND 4 ADULTS W	ERE OBSERVE	ED ON 29 JUL 2005.		
Owner/Manager:	UNKNOWN	1				
Occurrence No.	757	Map Index: 62822	EO Index:	62876	Element Last Seen:	2005-02-24
Occ. Rank:	None		Presence:	Possibly Extirpated	Site Last Seen:	2005-02-24
Осс. Туре:	Natural/Nat	tive occurrence	Trend:	Unknown	Record Last Updated:	2005-10-17
Quad Summary:	Madera (36	512081)				
County Summary:	Madera					
Lat/Long:	36.98492 /	-120.09909		Accura	cy: 80 meters	
UTM:	Zone-10 N4	4097134 E758193		Elevatio	on (ft): 255	
PLSS:	T11S, R17I	E, Sec. 10, SE (M)		Acres:	0.0	
Location:	0.2 MILE N	ORTH OF AVENUE 16 AND	0.7 MILE WEST	OF HIGHWAY 99, JUS	T EAST OF MADERA AIRPORT.	
Detailed Location:						
Detailed Location.						
Ecological:		CONSISTED OF RUDERAL/N D AGRICULTURE.	ION-NATIVE G	RASSLAND ON A WEST	T-FACING SLOPE. SURROUNDED E	BY A PONDING
	BASIN AND	D AGRICULTURE.	ROW, AND IT V	VAS DETERMINED THA	T-FACING SLOPE. SURROUNDED E	



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Occurrence No.	846	Map Index: 66138	EO Index:	66217		Element Last Seen:	2009-06-25
Occ. Rank:	Good		Presence:	Presumed E	xtant	Site Last Seen:	2016-06-07
Осс. Туре:	Natural/Nat	ive occurrence	Trend:	Unknown		Record Last Updated:	2017-03-08
Quad Summary:	Raisin (361	1958)					
County Summary:	Fresno						
Lat/Long:	36.59355 / -	-119.98866			Accuracy:	80 meters	
UTM:	Zone-11 N4	053944 E232636			Elevation (ft):	213	
PLSS:	T15S, R18E	E, Sec. 26, SW (M)			Acres:	0.0	
Location:	MCMULLIN	SUBSTATION, EAST SIDE	OF JAMESON	AVE, 0.25 MIL	E SOUTH OF DIN	UBA AVE, 5 MILES WEST O	F RAISIN CITY.
Detailed Location:							
Ecological:	NATURAL	URROUNDING BURROWS (VEGETATION. NUMEROUS 2006 AND "GOOD" IN 2008-2	GROUND SQL		,		
General:		RCHED ON FENCE & 2 BUR)8. 2 ADULTS & 3 JUV (<2 W JN 2016.					
Owner/Manager:	UNKNOWN	I, PVT-PGE					
Occurrence No.	855	Map Index: 66208	EO Index:	66288		Element Last Seen:	2006-04-XX
Occ. Rank:	Good		Presence:	Presumed E	xtant	Site Last Seen:	2006-04-XX
Осс. Туре:	Natural/Nat	ive occurrence	Trend:	Unknown		Record Last Updated:	2006-09-13
Quad Summary:	Piedra (361	1974), Round Mountain (361	1975)				
County Summary:	Fresno						
Lat/Long:	36.81295 / -	-119.49626			Accuracy:	nonspecific area	
UTM:	Zone-11 N4	077031 E277328			Elevation (ft):	500	
PLSS:	T13S, R23E	E, Sec. 08 (M)			Acres:	77.0	
Location:	SE OF ROL	JND MOUNTAIN, APPROXIM	ITELY 8 MILES	S NNE OF SAN	IGER.		
Detailed Location:							
Ecological:	-	ONSISTS OF GRAZED NON S, AND HOMES.	-NATIVE GRA	SSLAND. SUR	ROUNDING LANE	USE INCLUDES LIVESTOC	K GRAZING,
General:	6 BURROW	/ SITES AND 16 ADULT OWI	S OBSERVED	DURING APF	R 2006.		
Owner/Manager:	PVT						



California Department of Fish and Wildlife



Occurrence No.	1163	Map Index: 71587	EO Index:	72488	Element Last Seen:	2016-06-15
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2016-06-15
Occ. Type:		ve occurrence	Trend:	Unknown	Record Last Updated:	2016-12-21
			Trona			2010 12 21
Quad Summary:	``	051), Kerman (3612061)				
County Summary:	Fresno					
Lat/Long:	36.62808 / -	120.01648		Accuracy:	specific area	
UTM:	Zone-10 N4	057762 E766785		Elevation (ft):	208	
PLSS:	T15S, R18E	, Sec. 16, SW (M)		Acres:	29.0	
Location:	S MCMULLI OF KERMAI		Y, 0.5 MI NE O	F THE INTERSECTION OF S H	OWARD AVE & W SOUTH AV	/E, 7.0 MI SSE
Detailed Location:	AN ELEVAT		EEN MCMULL	IONS UNKNOWN. 2008: BURR IN GRADE RD & JAMES IRRIG		
Ecological:	SEVERAL C		; OWLS HIGHL	JNTY ROAD, INTENSIVE AGRI Y ACCLIMATED TO ROAD TR DRCHARDS.		,
General:	YOUNG, 2 C		EAD AT THE E	2008; 1 PAIR WAS UNSUCCE BURROW, PRESUMABLY BY IN		
Owner/Manager:	FRE COUN	TY, PVT				
Occurrence No.	1962	Map Index: A1556	EO Index:	103145	Element Last Seen:	1990-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1990-XX-XX
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2016-08-23
Quad Summary:	Clovis (3611	976)				
County Summary:	-					
	Fresno					
Lat/Long:	Fresno 36.78531 / -	119.72842		Accuracy:	1/10 mile	
Lat/Long: UTM:	36.78531 / -	119.72842 074529 E256529		Accuracy: Elevation (ft):	1/10 mile 331	
•	36.78531 / - Zone-11 N4			•		
UTM:	36.78531 / - Zone-11 N4 T13S, R21E	074529 E256529 , Sec. 19, SE (M)	DRT, JUST SOL	Elevation (ft):	331	
UTM: PLSS:	36.78531 / - Zone-11 N40 T13S, R21E NORTHWES	074529 E256529 , Sec. 19, SE (M)	,	Elevation (ft): Acres: JTH DAKOTA AVE, FRESNO.	331	
UTM: PLSS: Location:	36.78531 / - Zone-11 N40 T13S, R21E NORTHWES	074529 E256529 , Sec. 19, SE (M) ST END OF FRESNO AIRPO	,	Elevation (ft): Acres: JTH DAKOTA AVE, FRESNO.	331	
UTM: PLSS: Location: Detailed Location:	36.78531 / - Zone-11 N44 T13S, R21E NORTHWES CENSUS BL 3 BREEDING	074529 E256529 5, Sec. 19, SE (M) ST END OF FRESNO AIRPO LOCK 4070-255. MAPPED T G PAIRS KNOWN TO HAVE	O PROVIDED (Elevation (ft): Acres: JTH DAKOTA AVE, FRESNO.	331 18.0 1990, AND KNOWN OR ASSL	IMED TO



California Department of Fish and Wildlife



Occurrence No.	1963	Map Index: A1557	EO Index:	103146	Element Last Seen:	1990-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1990-XX-XX
Occ. Type:		ve occurrence	Trend:	Unknown	Record Last Updated:	2016-08-23
Quad Summary:	Clovis (3611	976)			· ·	
County Summary:	Fresno	510)				
		440.05400				
Lat/Long:	36.77336 / -			Accuracy:	1/10 mile	
UTM:		073010 E263368		Elevation (ft):	351	
PLSS:	T13S, R21E	, Sec. 26, SE (M)		Acres:	18.0	
Location:	REDBANK S	SLOUGH, ABOUT 0.5 MILES	SW OF N DEV	VOLF AVE AT E SHIELDS AVE,	SE OF CLOVIS.	
Detailed Location:	CENSUS BL	_OCK 4070-260. MAPPED T	O PROVIDED (COORDINATES.		
Ecological:						
General:				NT SOMETIME DURING 1981-1 SERVED DURING 1991-1993 ST		IMED TO
Owner/Manager:	UNKNOWN					
Occurrence No.	1992	Map Index: A3088	EO Index:	104713	Element Last Seen:	2016-06-01
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2016-06-01
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2017-01-25
Quad Summary:	Kerman (36'	12061)				
County Summary:	_					
	Fresno					
Lat/Long:	Fresno 36.65341 / -	120.02508		Accuracy:	80 meters	
Lat/Long: UTM:	36.65341 / -	120.02508 060548 E765928		Accuracy: Elevation (ft):	80 meters 213	
•	36.65341 / - Zone-10 N40			•		
UTM:	36.65341 / - Zone-10 N40 T15S, R18E	060548 E765928 , Sec. 5, SE (M) MI S OF S HOWARD AVE A	T W AMERICA	Elevation (ft):	213 5.0	VE, 5 MI SSE
UTM: PLSS:	36.65341 / - Zone-10 N40 T15S, R18E ABOUT 0.6 OF KERMAN	060548 E765928 , Sec. 5, SE (M) MI S OF S HOWARD AVE A		Elevation (ft): Acres:	213 5.0	VE, 5 MI SSE
UTM: PLSS: Location:	36.65341 / - Zone-10 N40 T15S, R18E ABOUT 0.6 OF KERMAN MAPPED TO	060548 E765928 A, Sec. 5, SE (M) MI S OF S HOWARD AVE A N. D PROVIDED COORDINATE	S.	Elevation (ft): Acres:	213 5.0 SHOP AVE AT W LINCOLN A	VE, 5 MI SSE
UTM: PLSS: Location: Detailed Location:	36.65341 / - Zone-10 N40 T15S, R18E ABOUT 0.6 OF KERMAN MAPPED TO BURROW N	060548 E765928 A, Sec. 5, SE (M) MI S OF S HOWARD AVE A N. D PROVIDED COORDINATE	ES. AL ADJACENT	Elevation (ft): Acres: N AVE AND 1.1 MI NW OF S BIS TO ROW CROPS AND ORCHAF	213 5.0 SHOP AVE AT W LINCOLN A	.VE, 5 MI SSE



California Natural Diversity Database



Element Code: ABPAT02011

CNDDB Element Ranks: Global: G5T4Q

Eremophila alpestris actia California horned lark Listing Status: Federal: None State: None Other: CDEW, WI -Watch List, IUCN, I C-Lea

	State:	None			State: S4					
	Other:	CDFW_WL-Watch List, IUC	CN_LC-Least Co	ncern						
Habitat:	General:	ral: COASTAL REGIONS, CHIEFLY FROM SONOMA COUNTY TO SAN DIEGO COUNTY. ALSO MAIN PART OF SAN JOAQUIN VALLEY AND EAST TO FOOTHILLS.								
	Micro:	SHORT-GRASS PRAIRIE, FIELDS, ALKALI FLATS.	"BALD" HILLS, I	MOUNTAIN MEADOWS, OPE	N COASTAL PLAINS, FALLOW	GRAIN				
Occurrence No.	2	Map Index: 34860	EO Index:	12425	Element Last Seen:	1992-04-25				
Occ. Rank:	Poor		Presence:	Presumed Extant	Site Last Seen:	1992-04-25				
Осс. Туре:	Natural/N	lative occurrence	Trend:	Unknown	Record Last Updated:	1996-09-06				
Quad Summary:	Lanes Br	idge (3611987)								
County Summary:	Fresno, N	/ladera								
Lat/Long:	36.89556	5 / -119.79294		Accuracy:	1 mile					
UTM:	Zone-11	N4086930 E251128		Elevation (ft):	370					
PLSS:	T12S, R2	20E, Sec. 09, S (M)		Acres:	0.0					
Location:	NORTH	OF LANES BRIDGE ON SAN	JOAQUIN RIVER	R; AT JUNCTION OF AVENUE	10 X HWY 41.					
Detailed Location:	GUNNEF	R RANCH.								
Ecological:	FALLOW	FIELDS, BARE FIELDS AND	DRY FARMED	FIELDS. TOTAL ACREAGE AF	PROX. 600 AC.					
General:		TS (APPROX. 10-20 PAIRS) (G AND CHASING OTHER LAF		OSSIBLE NESTING SITE; MA	LES(?) APPEARED TO BE TE	RRITORIAL				
Owner/Manager:	PVT									



California Natural Diversity Database



Vireo bellii pus	illus				Elemen	t Code: ABPE	30001114
least Bell's vireo Listing Status:	Federal:	Endangered		CNDDB Element Ran	ks: Global:	C5T2	
Listing Status.	State:	Endangered			State:	S2	
	Other:	IUCN_NT-Near Threatened	NARCI YWI-Y	ellow Watch List	otate.	02	
Habitat:	General:	_		IFORNIA IN LOW RIPARIAN IN		VATER OR IN	DRY RIVER
nabitati	Contrain	BOTTOMS; BELOW 2000 F					Dittinut
	Micro:	NESTS PLACED ALONG M WILLOW, BACCHARIS, ME		JSHES OR ON TWIGS PROJEC	TING INTO PA	THWAYS, USI	JALLY
Occurrence No.	505	Map Index: 91510	EO Index:	92586	Element L	ast Seen:	1912-05-16
Occ. Rank:	None		Presence:	Possibly Extirpated	Site Last S	Seen:	1912-05-16
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record La	ast Updated:	2014-02-10
Quad Summary:	Clovis (36	11976)					
County Summary:	Fresno						
_at/Long:	36.78960	/ -119.69871		Accuracy:	1 mile		
JTM:	Zone-11 N	4074931 E259193		Elevation (ft):	345		
PLSS:	T13S, R21	E, Sec. 21 (M)		Acres:	0.0		
Location:	VICINITY	OF TARPEY, SOUTH OF CLO	OVIS, NORTHE	AST OF FRESNO.			
Detailed Location:				ATION DESCRIPTION WAS "TA IG THE WESTERN AND NORTH			
			CH RUNS ALON				
Ecological:	MIN TOPC AREA IS H) MAP). HEAVELY DEVELOPED BASI	ED ON AERIAL	IMAGES FROM 1998-2013. GOI AL AND COMMERCIAL BUILDIN	ULD CANAL ST	TILL PRESENT	BUT LACKS
Ecological: General:	MIN TOPC AREA IS H VEGETAT EGG SET) MAP). IEAVELY DEVELOPED BASI ION AND IS SURROUNDED	ED ON AERIAL BY RESIDENTI OLLECTED (WF	IMAGES FROM 1998-2013. GOI AL AND COMMERCIAL BUILDIN EVZ #33084) BY J. TYLER ON 16	ULD CANAL ST NGS.		
-	MIN TOPC AREA IS H VEGETAT EGG SET	D MAP). HEAVELY DEVELOPED BASI ION AND IS SURROUNDED CONSISTING OF 4 EGGS C GUN." A BIRD WAS ALSO O	ED ON AERIAL BY RESIDENTI OLLECTED (WF	IMAGES FROM 1998-2013. GOI AL AND COMMERCIAL BUILDIN EVZ #33084) BY J. TYLER ON 16	ULD CANAL ST NGS.		
General: Owner/Manager:	MIN TOPC AREA IS H VEGETAT EGG SET "WELL BE	D MAP). HEAVELY DEVELOPED BASI ION AND IS SURROUNDED CONSISTING OF 4 EGGS C GUN." A BIRD WAS ALSO O	ED ON AERIAL BY RESIDENTI OLLECTED (WF	IMAGES FROM 1998-2013. GOI AL AND COMMERCIAL BUILDIN EVZ #33084) BY J. TYLER ON 16	ULD CANAL ST NGS.	ICUBATION C	
General: Dwner/Manager: Dccurrence No.	MIN TOPC AREA IS H VEGETAT EGG SET "WELL BE UNKNOW	D MAP). HEAVELY DEVELOPED BASI ION AND IS SURROUNDED CONSISTING OF 4 EGGS C GUN." A BIRD WAS ALSO O N	ED ON AERIAL BY RESIDENTI OLLECTED (WF BSERVED ON	IMAGES FROM 1998-2013. GOI AL AND COMMERCIAL BUILDIN EVZ #33084) BY J. TYLER ON 16 THE NEST.	ULD CANAL ST NGS. 6 MAY 1912; IN	ICUBATION C	ONSIDERED
General: Dwner/Manager: Dccurrence No. Dcc. Rank:	MIN TOPO AREA IS H VEGETAT EGG SET "WELL BE UNKNOW 506 None	D MAP). HEAVELY DEVELOPED BASI ION AND IS SURROUNDED CONSISTING OF 4 EGGS C GUN." A BIRD WAS ALSO O N	ED ON AERIAL BY RESIDENTI OLLECTED (WF BSERVED ON EO Index:	IMAGES FROM 1998-2013. GOI AL AND COMMERCIAL BUILDIN VZ #33084) BY J. TYLER ON 16 THE NEST. 92587	ULD CANAL ST NGS. 6 MAY 1912; IN Element L Site Last \$	ICUBATION C	ONSIDERED 1906-05-25
General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type:	MIN TOPO AREA IS H VEGETAT EGG SET "WELL BE UNKNOW 506 None	0 MAP). HEAVELY DEVELOPED BASI ION AND IS SURROUNDED CONSISTING OF 4 EGGS C GUN." A BIRD WAS ALSO O N Map Index: 91511	ED ON AERIAL BY RESIDENTI OLLECTED (WF BSERVED ON EO Index: Presence:	IMAGES FROM 1998-2013. GOI AL AND COMMERCIAL BUILDIN VZ #33084) BY J. TYLER ON 16 THE NEST. 92587 Possibly Extirpated	ULD CANAL ST NGS. 6 MAY 1912; IN Element L Site Last \$	ICUBATION C .ast Seen: Seen:	ONSIDERED 1906-05-25 1906-05-25
General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary:	MIN TOPO AREA IS H VEGETAT EGG SET "WELL BE UNKNOW 506 None Natural/Na	0 MAP). HEAVELY DEVELOPED BASI ION AND IS SURROUNDED CONSISTING OF 4 EGGS C GUN." A BIRD WAS ALSO O N Map Index: 91511	ED ON AERIAL BY RESIDENTI OLLECTED (WF BSERVED ON EO Index: Presence:	IMAGES FROM 1998-2013. GOI AL AND COMMERCIAL BUILDIN VZ #33084) BY J. TYLER ON 16 THE NEST. 92587 Possibly Extirpated	ULD CANAL ST NGS. 6 MAY 1912; IN Element L Site Last \$	ICUBATION C .ast Seen: Seen:	ONSIDERED 1906-05-25 1906-05-25
General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary:	MIN TOPO AREA IS H VEGETAT EGG SET "WELL BE UNKNOW 506 None Natural/Na Clovis (36 Fresno	0 MAP). HEAVELY DEVELOPED BASI ION AND IS SURROUNDED CONSISTING OF 4 EGGS C GUN." A BIRD WAS ALSO O N Map Index: 91511	ED ON AERIAL BY RESIDENTI OLLECTED (WF BSERVED ON EO Index: Presence:	IMAGES FROM 1998-2013. GOI AL AND COMMERCIAL BUILDIN VZ #33084) BY J. TYLER ON 16 THE NEST. 92587 Possibly Extirpated	ULD CANAL ST NGS. 6 MAY 1912; IN Element L Site Last \$	ICUBATION C .ast Seen: Seen:	ONSIDERED 1906-05-25 1906-05-25
General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long:	MIN TOPO AREA IS H VEGETAT "WELL BE UNKNOW 506 None Natural/Na Clovis (36) Fresno 36.82290 /	0 MAP). HEAVELY DEVELOPED BASI ION AND IS SURROUNDED CONSISTING OF 4 EGGS C GUN." A BIRD WAS ALSO O N Map Index: 91511 Itive occurrence	ED ON AERIAL BY RESIDENTI OLLECTED (WF BSERVED ON EO Index: Presence:	IMAGES FROM 1998-2013. GOI AL AND COMMERCIAL BUILDIN VZ #33084) BY J. TYLER ON 16 THE NEST. 92587 Possibly Extirpated Unknown	ULD CANAL ST NGS. 6 MAY 1912; IN Element L Site Last S Record La	ICUBATION C .ast Seen: Seen:	ONSIDERED 1906-05-25 1906-05-25
General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM:	MIN TOPO AREA IS H VEGETAT EGG SET "WELL BE UNKNOW 506 None Natural/Na Clovis (36 Fresno 36.82290 / Zone-11 N	0 MAP). HEAVELY DEVELOPED BAS ION AND IS SURROUNDED CONSISTING OF 4 EGGS C GUN." A BIRD WAS ALSO O N Map Index: 91511 htive occurrence 11976)	ED ON AERIAL BY RESIDENTI OLLECTED (WF BSERVED ON EO Index: Presence:	IMAGES FROM 1998-2013. GOI AL AND COMMERCIAL BUILDIN VZ #33084) BY J. TYLER ON 16 THE NEST. 92587 Possibly Extirpated Unknown Accuracy:	ULD CANAL ST NGS. 6 MAY 1912; IN Element L Site Last S Record La	ICUBATION C .ast Seen: Seen:	ONSIDERED 1906-05-25 1906-05-25
General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS:	MIN TOPO AREA IS H VEGETAT "WELL BE UNKNOW 506 None Natural/Na Clovis (36 Fresno 36.82290 / Zone-11 N T13S, R21	0 MAP). HEAVELY DEVELOPED BAS ION AND IS SURROUNDED CONSISTING OF 4 EGGS C GUN." A BIRD WAS ALSO O N Map Index: 91511 Ative occurrence 11976) 7 -119.70690	ED ON AERIAL BY RESIDENTI OLLECTED (WF BSERVED ON EO Index: Presence:	IMAGES FROM 1998-2013. GOI AL AND COMMERCIAL BUILDIN VZ #33084) BY J. TYLER ON 16 FHE NEST. 92587 Possibly Extirpated Unknown Accuracy: Elevation (ft):	ULD CANAL ST NGS. 6 MAY 1912; IN Element L Site Last S Record La 1 mile 360	ICUBATION C .ast Seen: Seen:	ONSIDERED 1906-05-25 1906-05-25
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	MIN TOPO AREA IS H VEGETAT EGG SET "WELL BE UNKNOW 506 None Natural/Na Clovis (36 Fresno 36.82290 / Zone-11 N T13S, R21 CLOVIS, N PROVIDE	0 MAP). HEAVELY DEVELOPED BAS ION AND IS SURROUNDED CONSISTING OF 4 EGGS C GUN." A BIRD WAS ALSO O N Map Index: 91511 (-119.70690 (-119.70690 (4078646 E258567 E, Sec. 08 (M) NORTHEAST OF FRESNO. D LOCATION DESCRIPTION	ED ON AERIAL BY RESIDENTI OLLECTED (WF BSERVED ON " EO Index: Presence: Trend:	IMAGES FROM 1998-2013. GOI AL AND COMMERCIAL BUILDIN VZ #33084) BY J. TYLER ON 16 FHE NEST. 92587 Possibly Extirpated Unknown Accuracy: Elevation (ft):	ULD CANAL ST NGS. 6 MAY 1912; IN Element L Site Last S Record La 1 mile 360 0.0 OVIS POST OF	ICUBATION C Last Seen: Seen: ast Updated:	ONSIDERED 1906-05-25 1906-05-25 2014-02-10
General:	MIN TOPO AREA IS H VEGETAT EGG SET "WELL BE UNKNOW 506 None Natural/Na Clovis (36 Fresno 36.82290 / Zone-11 N T13S, R21 CLOVIS, N PROVIDE FROM CLI NEST WA	0 MAP). HEAVELY DEVELOPED BASI ION AND IS SURROUNDED CONSISTING OF 4 EGGS C GUN." A BIRD WAS ALSO O N Map Index: 91511 4078646 E258567 E, Sec. 08 (M) NORTHEAST OF FRESNO. D LOCATION DESCRIPTION OVIS DITCH NEAR NORTH E	ED ON AERIAL BY RESIDENTI OLLECTED (WF BSERVED ON " EO Index: Presence: Trend: Trend:	IMAGES FROM 1998-2013. GOI AL AND COMMERCIAL BUILDIN VZ #33084) BY J. TYLER ON 16 FHE NEST. 92587 Possibly Extirpated Unknown Accuracy: Elevation (ft): Acres: " MAPPED GENERALLY TO CL WHICH APPEARS ON 1947 TO EA IS HEAVELY DEVELOPED B	ULD CANAL ST NGS. 6 MAY 1912; IN Element L Site Last S Record La 1 mile 360 0.0 OVIS POST OF PO.	ICUBATION C Last Seen: Seen: ast Updated:	ONSIDERED 1906-05-25 1906-05-25 2014-02-10
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General:	MIN TOPO AREA IS H VEGETAT EGG SET "WELL BE UNKNOW 506 None Natural/Na Clovis (36 Fresno 36.82290 / Zone-11 N T13S, R21 CLOVIS, N PROVIDE FROM CLI NEST WA 2013 AND EGG SET CLASSIFII	0 MAP). HEAVELY DEVELOPED BASI ION AND IS SURROUNDED CONSISTING OF 4 EGGS C GUN." A BIRD WAS ALSO O N Map Index: 91511 Ative occurrence (11976) (-119.70690 (4078646 E258567 E, Sec. 08 (M) NORTHEAST OF FRESNO. D LOCATION DESCRIPTION OVIS DITCH NEAR NORTH E S CONSTRUCTED IN A WILL IS SURROUNDED BY RESII CONSISTING OF 4 EGGS C ED AS BEING "FRESH." A VI	ED ON AERIAL BY RESIDENTI OLLECTED (WF BSERVED ON " EO Index: Presence: Trend:	IMAGES FROM 1998-2013. GOI AL AND COMMERCIAL BUILDIN VZ #33084) BY J. TYLER ON 16 FHE NEST. 92587 Possibly Extirpated Unknown Accuracy: Elevation (ft): Acres: " MAPPED GENERALLY TO CL WHICH APPEARS ON 1947 TO EA IS HEAVELY DEVELOPED B	ULD CANAL ST NGS. 6 MAY 1912; IN Element L Site Last S Record La 1 mile 360 0.0 OVIS POST OF PO. BASED ON AER 5 MAY 1906; EC	ICUBATION C .ast Seen: Seen: ast Updated: FFICE. MAY H. RIAL IMAGES I	ONSIDERED 1906-05-25 1906-05-25 2014-02-10 AVE COME FROM 1998-
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological:	MIN TOPO AREA IS H VEGETAT EGG SET "WELL BE UNKNOW 506 None Natural/Na Clovis (36 Fresno 36.82290 / Zone-11 N T13S, R21 CLOVIS, N PROVIDE FROM CLI NEST WA 2013 AND EGG SET	0 MAP). HEAVELY DEVELOPED BASI ION AND IS SURROUNDED CONSISTING OF 4 EGGS C GUN." A BIRD WAS ALSO O N Map Index: 91511 Ative occurrence (11976) (-119.70690 (4078646 E258567 E, Sec. 08 (M) NORTHEAST OF FRESNO. D LOCATION DESCRIPTION OVIS DITCH NEAR NORTH E S CONSTRUCTED IN A WILL IS SURROUNDED BY RESII CONSISTING OF 4 EGGS C ED AS BEING "FRESH." A VI	ED ON AERIAL BY RESIDENTI OLLECTED (WF BSERVED ON " EO Index: Presence: Trend:	IMAGES FROM 1998-2013. GOI AL AND COMMERCIAL BUILDIN VZ #33084) BY J. TYLER ON 16 FHE NEST. 92587 Possibly Extirpated Unknown Accuracy: Elevation (ft): Acres: " MAPPED GENERALLY TO CL WHICH APPEARS ON 1947 TOI EA IS HEAVELY DEVELOPED B COMMERCIAL BUILDINGS. FVZ #33083) BY J. TYLER ON 25	ULD CANAL ST NGS. 6 MAY 1912; IN Element L Site Last S Record La 1 mile 360 0.0 OVIS POST OF PO. BASED ON AER 5 MAY 1906; EC	ICUBATION C .ast Seen: Seen: ast Updated: FFICE. MAY H. RIAL IMAGES I	ONSIDERED 1906-05-25 1906-05-25 2014-02-10 AVE COME FROM 1998-
General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager:	MIN TOPO AREA IS H VEGETAT EGG SET "WELL BE UNKNOW 506 None Natural/Na Clovis (36 Fresno 36.82290 / Zone-11 N T13S, R21 CLOVIS, N PROVIDE FROM CL NEST WA 2013 AND EGG SET CLASSIFII UNKNOW	0 MAP). HEAVELY DEVELOPED BASI ION AND IS SURROUNDED CONSISTING OF 4 EGGS C GUN." A BIRD WAS ALSO O N Map Index: 91511 Ative occurrence (11976) (-119.70690 (4078646 E258567 E, Sec. 08 (M) NORTHEAST OF FRESNO. D LOCATION DESCRIPTION OVIS DITCH NEAR NORTH E S CONSTRUCTED IN A WILL IS SURROUNDED BY RESII CONSISTING OF 4 EGGS C ED AS BEING "FRESH." A VI	ED ON AERIAL BY RESIDENTI OLLECTED (WF BSERVED ON " EO Index: Presence: Trend:	IMAGES FROM 1998-2013. GOI AL AND COMMERCIAL BUILDIN VZ #33084) BY J. TYLER ON 16 FHE NEST. 92587 Possibly Extirpated Unknown Accuracy: Elevation (ft): Acres: " MAPPED GENERALLY TO CL WHICH APPEARS ON 1947 TOI EA IS HEAVELY DEVELOPED B COMMERCIAL BUILDINGS. FVZ #33083) BY J. TYLER ON 25	ULD CANAL ST NGS. 6 MAY 1912; IN Element L Site Last S Record La 1 mile 360 0.0 OVIS POST OF PO. BASED ON AER 5 MAY 1906; EC 8 NEST.	ICUBATION C .ast Seen: Seen: ast Updated: FFICE. MAY H. RIAL IMAGES I	ONSIDERED 1906-05-25 1906-05-25 2014-02-10 AVE COME FROM 1998- ON
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Agelaius tricological	MIN TOPO AREA IS H VEGETAT EGG SET "WELL BE UNKNOW 506 None Natural/Na Clovis (36 Fresno 36.82290 / Zone-11 N T13S, R21 CLOVIS, N PROVIDE FROM CLI NEST WA 2013 AND EGG SET CLASSIFII UNKNOW	0 MAP). HEAVELY DEVELOPED BASI ION AND IS SURROUNDED CONSISTING OF 4 EGGS C GUN." A BIRD WAS ALSO O N Map Index: 91511 Ative occurrence (11976) (-119.70690 (4078646 E258567 E, Sec. 08 (M) NORTHEAST OF FRESNO. D LOCATION DESCRIPTION OVIS DITCH NEAR NORTH E S CONSTRUCTED IN A WILL IS SURROUNDED BY RESII CONSISTING OF 4 EGGS C ED AS BEING "FRESH." A VI	ED ON AERIAL BY RESIDENTI OLLECTED (WF BSERVED ON " EO Index: Presence: Trend:	IMAGES FROM 1998-2013. GOI AL AND COMMERCIAL BUILDIN VZ #33084) BY J. TYLER ON 16 FHE NEST. 92587 Possibly Extirpated Unknown Accuracy: Elevation (ft): Acres: " MAPPED GENERALLY TO CL WHICH APPEARS ON 1947 TOI EA IS HEAVELY DEVELOPED B COMMERCIAL BUILDINGS. FVZ #33083) BY J. TYLER ON 25	ULD CANAL ST NGS. 6 MAY 1912; IN Element L Site Last S Record La 1 mile 360 0.0 OVIS POST OF PO. BASED ON AER 5 MAY 1906; EC NEST. Element	ICUBATION C .ast Seen: Seen: ast Updated: FFICE. MAY H. RIAL IMAGES I GG INCUBATI GG INCUBATI	ONSIDERED 1906-05-25 1906-05-25 2014-02-10 AVE COME FROM 1998- ON

Commercial Version -- Dated September, 1 2019 -- Biogeographic Data Branch

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California Department of Fish and Wildlife



	Other:	BLM_S-Sensitive, CDFW_S USFWS_BCC-Birds of Cons			Endangered, NABCI_RWL-Red V	Vatch List,
Habitat:	General:	HIGHLY COLONIAL SPECIE CALIFORNIA.	ES, MOST NUM	IEROUS IN CENTRAL VAL	LEY & VICINITY. LARGELY END	EMIC TO
	Micro:	REQUIRES OPEN WATER, WITHIN A FEW KM OF THE		NESTING SUBSTRATE, AN	ID FORAGING AREA WITH INSE	CT PREY
Occurrence No.	104	Map Index: 15033	EO Index:	6583	Element Last Seen:	1982-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2015-04-18
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown	Record Last Updated:	2016-02-01
Quad Summary:	Round Mo	untain (3611975), Academy (3	611985)			
County Summary:	Fresno					
Lat/Long:	36.87142 /	/ -119.58940		Accuracy:	2/5 mile	
UTM:	Zone-11 N	4083739 E269195		Elevation (ft): 460	
PLSS:	T12S, R22	2E, Sec. 20, SE (M)		Acres:	0.0	
Location:	DRY CRE	EK, NE OF THE INTERSECTI	ON OF FRIANT	-KERN CANAL AND TOLL	HOUSE ROAD, 6.5 MILES NE OF	CLOVIS.
Detailed Location:		E, S20, SE. COLONY DATA S			OUSE RD." TOWNSHIP RANGE CKBIRD PORTAL; SITE NAME "	
Ecological:	UPSLOPE		G OUT IN 1994		BARRIER EFFECT OF FRIANT-K ATTAILS ALONG CANAL IN 199	
General:	ROOSTIN				BIRDS OBS ROOSTING ON 23 A PR 2014. ~200 OBS ON 30 MAR	
Owner/Manager:	UNKNOWI	N				
Occurrence No.	172	Map Index: 17171	EO Index:	9695	Element Last Seen:	
Occ. Rank:	Unknown		Presence:	Presumed Extant	Cite Last Coons	1994-04-23
Осс. Туре:	UNKIIOWII		Presence:	r roounioù Extant	Site Last Seen:	1994-04-23 2014-04-18
Quad Summary:		tive occurrence	Trend:	Unknown	Record Last Updated:	2014-04-18
Quau Summary:	Natural/Na	ative occurrence untain (3611975)				2014-04-18
County Summary:	Natural/Na					2014-04-18
-	Natural/Na Round Mo Fresno					2014-04-18
County Summary:	Natural/Na Round Mo Fresno 36.80902 /	untain (3611975)		Unknown	Record Last Updated: specific area	2014-04-18
County Summary: Lat/Long:	Natural/Na Round Mo Fresno 36.80902 / Zone-11 N	untain (3611975) / -119.56744		Unknown Accuracy:	Record Last Updated: specific area	2014-04-18
County Summary: Lat/Long: UTM:	Natural/Na Round Mod Fresno 36.80902 / Zone-11 N T13S, R22	untain (3611975) 7 -119.56744 14076763 E270966 2E, Sec. 10, SW (M) SIDE OF SHAW AVE, ABOUT	Trend:	Unknown Accuracy: Elevation (Acres:	Record Last Updated: specific area ft): 400	2014-04-18 2016-10-25
County Summary: Lat/Long: UTM: PLSS:	Natural/Na Round Mor Fresno 36.80902 / Zone-11 N T13S, R22 ALONG N N OF SAN COLONY I AN IRRIGA	untain (3611975) 7-119.56744 14076763 E270966 2E, Sec. 10, SW (M) SIDE OF SHAW AVE, ABOUT IGER. DATA STORED IN UC DAVIS	Trend: T 0.6 MI W OF I TRBL PORTAL UP TO THE LIM	Unknown Accuracy: Elevation (r Acres: NTERSECTION WITH ACA .; "SHAW AVENUE AT ACA ITS OF REDBANK CEMET	Record Last Updated: specific area ft): 400 12.0	2014-04-18 2016-10-25 PRISE CANAL, OCCURRED IN
County Summary: Lat/Long: UTM: PLSS: Location:	Natural/Na Round Mor Fresno 36.80902 / Zone-11 N T13S, R22 ALONG N N OF SAN COLONY I AN IRRIGA GRASSLA COLONY I IMPORTAI	untain (3611975) 7-119.56744 14076763 E270966 2E, Sec. 10, SW (M) SIDE OF SHAW AVE, ABOUT IGER. DATA STORED IN UC DAVIS ATED PASTURE TO THE W, I NDS, INTERSPERSED WITH NESTED IN A SMALL CATTA	Trend: T 0.6 MI W OF I TRBL PORTAL UP TO THE LIM HOUSES TO T IL/TULE MARSI	Unknown Accuracy: Elevation (Acres: NTERSECTION WITH ACA ; "SHAW AVENUE AT ACA MITS OF REDBANK CEMET THE S. H. THE QUALITY AND INTE	Record Last Updated: specific area ft): 400 12.0 DEMY AVE, S SIDE OF ENTERF DEMY AVE." MOST FORAGING	2014-04-18 2016-10-25 PRISE CANAL, OCCURRED IN IUAL EAS MAY BE
County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Natural/Na Round Mon Fresno 36.80902 / Zone-11 N T13S, R22 ALONG N N OF SAN COLONY I AN IRRIG/ GRASSLA COLONY I IMPORTAL NOTED IN ABOUT 1, OBSERVE	untain (3611975) 7-119.56744 14076763 E270966 2E, Sec. 10, SW (M) SIDE OF SHAW AVE, ABOUT IGER. DATA STORED IN UC DAVIS ATED PASTURE TO THE W, I NDS, INTERSPERSED WITH NESTED IN A SMALL CATTA NT TO THE CONTINUED USE I 1999 AND 2014. 000-1,500 OBS NESTING ON	Trend: T 0.6 MI W OF I TRBL PORTAL UP TO THE LIM HOUSES TO T IL/TULE MARSI E OF THE MAR 14 MAY 1990. 2011. A FEW	Unknown Accuracy: Elevation (Acres: NTERSECTION WITH ACA ITS OF REDBANK CEMET THE S. H. THE QUALITY AND INTE SH AS NESTING HABITAT ABOUT 200-500 NESTING	Record Last Updated: specific area ft): 400 12.0 DEMY AVE, S SIDE OF ENTERF DEMY AVE." MOST FORAGING ERY. SOME FORAGING IN ANN EGRITY OF THE FORAGING AR	2014-04-18 2016-10-25 PRISE CANAL, OCCURRED IN IUAL EAS MAY BE HABITAT 1994. 0



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Occurrence No.	269 Ma	p Index: 24424	EO Index:	6138		Element Last Seen:	1975-07-XX
Occ. Rank:	None		Presence:	Extirpated		Site Last Seen:	1975-07-XX
Осс. Туре:	Natural/Native occu	urrence	Trend:	Unknown		Record Last Updated:	2016-02-24
Quad Summary:	Fresno North (3611	1977)					
County Summary:	Fresno						
Lat/Long:	36.82490 / -119.75	560			Accuracy:	1/10 mile	
UTM:	Zone-11 N4078993	3 E254229			Elevation (ft):	330	
PLSS:	T13S, R20E, Sec. (02, SE (M)			Acres:	0.0	
Location:	JUST NW OF BUL		DAR AVENUE	INTERSECTIO	N, 0.5 MI SE OF S	SIERRA AVE & MILLBROOK	AVE
Detailed Location:						E NAME "BULLARD AVE AT NUES IN FRESNO, T13S, R	
Ecological:		RATE IS A CATTAIL M 991) CLASSIFIED LOC			,	ND IS LOCATED IN A FLOO "AT ELIMINATED."	D CONTROL
General:	COLONY FORAGE		Y MAINTAINED			CATED SUCCESSFUL NES AST. COLONY ABANDONE	
Owner/Manager:	UNKNOWN						
Occurrence No.	413 Ma j	p Index: 55552	EO Index:	55552		Element Last Seen:	1995-06-03
Occurrence No. Occ. Rank:	413 Ma j Unknown	p Index: 55552	EO Index: Presence:	55552 Presumed Ex	tant	Element Last Seen: Site Last Seen:	1995-06-03 2014-04-18
					tant		
Occ. Rank:	Unknown	urrence	Presence:	Presumed Ex	tant	Site Last Seen:	2014-04-18
Occ. Rank: Occ. Type:	Unknown Natural/Native occu	urrence	Presence:	Presumed Ex	tant	Site Last Seen:	2014-04-18
Occ. Rank: Occ. Type: Quad Summary:	Unknown Natural/Native occu Round Mountain (3	urrence 3611975)	Presence:	Presumed Ex	Accuracy:	Site Last Seen:	2014-04-18
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Unknown Natural/Native occu Round Mountain (3 Fresno	9	Presence:	Presumed Ex		Site Last Seen: Record Last Updated:	2014-04-18
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Unknown Natural/Native occu Round Mountain (3 Fresno 36.7994 / -119.521	9 7 E275002	Presence:	Presumed Ex	Accuracy:	Site Last Seen: Record Last Updated: 1/10 mile	2014-04-18
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Unknown Natural/Native occu Round Mountain (3 Fresno 36.7994 / -119.521 Zone-11 N4075587 T13S, R22E, Sec.	urrence 3611975) 9 7 E275002 13, SE (M)	Presence: Trend:	Presumed Ex Unknown	Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/10 mile 0	2014-04-18 2016-09-07
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Native occu Round Mountain (3 Fresno 36.7994 / -119.521 Zone-11 N4075587 T13S, R22E, Sec. W SIDE OF ZEDIK OF SANGER. MAPPED ACCORE	2 3611975) 9 7 E275002 13, SE (M) ER AVE, 0.5 MI NNW DING TO PROVIDED M TAL; SITE NAMES "EN	Presence: Trend: OF ASHLAN A MAP LOCATIO	Presumed Ex Unknown	Accuracy: Elevation (ft): Acres: CTION & 0.5 MI SS	Site Last Seen: Record Last Updated: 1/10 mile 0 18.0	2014-04-18 2016-09-07 ECTION, NNE
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Native occu Round Mountain (3 Fresno 36.7994 / -119.521 Zone-11 N4075587 T13S, R22E, Sec. W SIDE OF ZEDIK OF SANGER. MAPPED ACCORE BLACKBIRD PORT SIDE OF ENTERP NESTING IN BULF	urrence 3611975) 9 7 E275002 13, SE (M) CER AVE, 0.5 MI NNW DING TO PROVIDED M TAL; SITE NAMES "EN RISE CANAL. RUSHES IN 1995. SMA	Presence: Trend: OF ASHLAN A MAP LOCATIO NTERPRISE C/ ALL PARCEL A	Presumed Ex Unknown VE INTERSEC NS. COLONY I ANAL" & "ZEDII	Accuracy: Elevation (ft): Acres: CTION & 0.5 MI SS DATA STORED IN KER AVENUE AT RURAL ROAD IN	Site Last Seen: Record Last Updated: 1/10 mile 0 18.0 W OF SHAW AVE INTERSE	2014-04-18 2016-09-07 ECTION, NNE RED ALONG THE N
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Unknown Natural/Native occu Round Mountain (3 Fresno 36.7994 / -119.521 Zone-11 N4075587 T13S, R22E, Sec. W SIDE OF ZEDIK OF SANGER. MAPPED ACCORD BLACKBIRD PORT SIDE OF ENTERP NESTING IN BULK GOOD NESTING S 10,000 BIRDS OBS	urrence 3611975) 9 7 E275002 13, SE (M) CER AVE, 0.5 MI NNW DING TO PROVIDED N TAL; SITE NAMES "EN RISE CANAL. RUSHES IN 1995. SMA SUBSTRATE (MATUR SERVED NESTING ON D ON 3 JUN 1995; BEI	Presence: Trend: OF ASHLAN A MAP LOCATIO NTERPRISE C/ ALL PARCEL A E THISTLE & N N 14 MAY 1995	Presumed Ex Unknown VE INTERSEC NS. COLONY I ANAL" & "ZEDII DJACENT TO MUSTARD). SP 5. 1,000+ OBSE	Accuracy: Elevation (ft): Acres: TION & 0.5 MI SS DATA STORED IN KER AVENUE AT RURAL ROAD IN ARSE BULRUSH RVED NESTING	Site Last Seen: Record Last Updated: 1/10 mile 0 18.0 W OF SHAW AVE INTERSE THE UC DAVIS TRICOLOR SHAW AVENUE." COLONY A RURAL RESIDENTIAL AR	2014-04-18 2016-09-07 ECTION, NNE RED ALONG THE N REA IN 2011, MATED 15,000
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological:	Unknown Natural/Native occu Round Mountain (3 Fresno 36.7994 / -119.521 Zone-11 N4075587 T13S, R22E, Sec. W SIDE OF ZEDIK OF SANGER. MAPPED ACCORL BLACKBIRD PORT SIDE OF ENTERP NESTING IN BULF GOOD NESTING S 10,000 BIRDS OBS BIRDS OBSERVED	urrence 3611975) 9 7 E275002 13, SE (M) CER AVE, 0.5 MI NNW DING TO PROVIDED N TAL; SITE NAMES "EN RISE CANAL. RUSHES IN 1995. SMA SUBSTRATE (MATUR SERVED NESTING ON D ON 3 JUN 1995; BEI	Presence: Trend: OF ASHLAN A MAP LOCATIO NTERPRISE C/ ALL PARCEL A E THISTLE & N N 14 MAY 1995	Presumed Ex Unknown VE INTERSEC NS. COLONY I ANAL" & "ZEDII DJACENT TO MUSTARD). SP 5. 1,000+ OBSE	Accuracy: Elevation (ft): Acres: TION & 0.5 MI SS DATA STORED IN KER AVENUE AT RURAL ROAD IN ARSE BULRUSH RVED NESTING	Site Last Seen: Record Last Updated: 1/10 mile 0 18.0 W OF SHAW AVE INTERSE THE UC DAVIS TRICOLOR SHAW AVENUE." COLONY A RURAL RESIDENTIAL AR CATTAIL MARSH IN 2014. ON 21 MAY 1995. AN ESTIM	2014-04-18 2016-09-07 ECTION, NNE RED ALONG THE N REA IN 2011, MATED 15,000



California Department of Fish and Wildlife



Occurrence No.	450	Map Index: 78876	EO Index:	79840		Element Last Seen:	2010-05-05
Occ. Rank:	Fair		Presence:	Presumed Extant		Site Last Seen:	2010-05-05
Осс. Туре:	Natural/Nativ	re occurrence	Trend:	Unknown		Record Last Updated:	2010-06-16
Quad Summary:	Little Table M	ſtn. (3711917)					
County Summary:	Madera						
Lat/Long:	37.01136 / -1	19.79504		Acc	uracy:	80 meters	
UTM:	Zone-11 N40	99786 E251317		Elev	vation (ft):	460	
PLSS:	T10S, R20E,	Sec. 33, SW (M)		Acre	es:	0.0	
Location:	NORTHWES	T CORNER OF HWY 145 (F	ROAD 145) AN	D HWY 41 (SOUTHI	ERN YOSEM	ITE HWY), FRIANT.	
Detailed Location:	LOCATION S	STATED AS "ABOUT 250 FT	T NW OF HWY	41 AND HWY 145."			
Ecological:	ERYNGIUM	INUAL GRASSLAND/RANG SPINOSEPALUM, SPEA HA ENSIS, & AMBYSTOMA CAI	AMMONDII, LIN	IDERIELLA OCCIDE		ORED & RED-WINGED BLAC ANCHINECTA LYNCHI, B.	KBIRDS.
General:	ABOUT 1,00	0 BIRDS WERE ESTIMATE	D NESTING IN	THISTLE ON 5 MA	Y 2010.		
Owner/Manager:	PVT						
Occurrence No.	662	Map Index: 97497	EO Index:	98799		Element Last Seen:	2005-06-04
Occ. Rank:	Unknown		Presence:	Presumed Extant		Site Last Seen:	2015-04-18
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown		Record Last Updated:	2016-09-07
Quad Summary:	Round Moun	tain (3611975)					
County Summary:	Fresno						
Lat/Long:	36.79540 / -1	19.51700		Acc	uracy:	1/5 mile	
UTM:	Zone-11 N40	75131 E275427		Elev	vation (ft):	420	
PLSS:	T13S, R23E,	Sec. 18, SE (M)		Acre	es:	0.0	
Location:	JUST NE OF SANGER.	ASHLAN AVE & ZEDIKER	RD INTERSEC	TION, 0.3 MI NW O	F ASHLAND	AVE & RIVERBEND AVE, N	NE OF
Detailed Location:	DESCRIBED		UE, 100 YARD	S N OF ASHLAN AV		ME "ZEDIKER AVENUE." LC PPED AS BEST GUESS TO F	
Ecological:		E. SITE WAS ONLY A MOV	WED PASTURE	E GRASS AND FOR	BS IN 2015; I	NO NESTING SUBSTRATE	PRESENT.
	MILK THIST						
General:	0 OBSERVE FOOD, FLEE	D ON 24 APR 1999. ABOUT	BOUT 50 OBS	ED ON 4 JUN 2005;		DESCRIBED AS "ADULTS C FURROW IN ACTIVELY GF	



California Department of Fish and Wildlife



Occurrence No.	663	Map Index: 97499	EO Index:	98804	Element Last Seen:	1974-05-28
Occ. Rank:	None		Presence:	Possibly Extirpated	Site Last Seen:	1974-05-28
Occ. Type:		tive occurrence	Trend:	Unknown	Record Last Updated:	2015-12-03
Quad Summary:	Clovis (36	11976), Fresno North (36119	77)		•	
County Summary:	Fresno		,			
Lat/Long:	36,85790/	/ -119.73890		Accuracy:	1 mile	
UTM:		4082611 E255823		Elevation (ft):	365	
PLSS:)E, Sec. 25 (M)		Acres:	0.0	
Location:				HWY 41 & HWY 168 INTERSECT		
Detailed Location:	COLONY I DESCRIBI	DATA STORED IN UC DAVI	S TRICOLORED THWEST OF CL	BLACKBIRD PORTAL; SITE NA OVIS." MAPPED AS BEST GUE	ME "NORTHWEST CLOVIS.	
Ecological:		RRY THICKETS. AERIAL IM TO NO SUITABLE HABITAT		1998-2014 SHOWS THAT AREA	HAS BEEN HEAVILY DEVEL	_OPED,
General:				MAY 1974; MANY NESTS FOUN DESERVATION OF 200-300 FLE		TIVE AND
Owner/Manager:	UNKNOW	Ν				
Owner/Manager: Occurrence No.	UNKNOW	N Map Index: 97501	EO Index:	98806	Element Last Seen:	1975-04-09
-			EO Index: Presence:	98806 Presumed Extant	Element Last Seen: Site Last Seen:	1975-04-09 1975-04-09
Occurrence No.	664 Unknown					
Occurrence No. Occ. Rank:	664 Unknown Natural/Na	Map Index: 97501	Presence: Trend:	Presumed Extant	Site Last Seen:	1975-04-09
Occurrence No. Occ. Rank: Occ. Type:	664 Unknown Natural/Na	Map Index: 97501	Presence: Trend:	Presumed Extant	Site Last Seen:	1975-04-09
Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	664 Unknown Natural/Na Clovis (367 Fresno	Map Index: 97501	Presence: Trend:	Presumed Extant	Site Last Seen:	1975-04-09
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	664 Unknown Natural/Na Clovis (367 Fresno 36.81280 /	Map Index: 97501 tive occurrence 11976), Fresno North (36119	Presence: Trend:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	1975-04-09
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	664 Unknown Natural/Na Clovis (364 Fresno 36.81280 / Zone-11 N	Map Index: 97501 Itive occurrence 11976), Fresno North (36119	Presence: Trend:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: 3/5 mile	1975-04-09
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	664 Unknown Natural/Na Clovis (367 Fresno 36.81280 / Zone-11 N T13S, R20 ABOUT 0.7	Map Index: 97501 tive occurrence 11976), Fresno North (36119 7-119.74611 4077625 E255037 DE, Sec. 12 (M)	Presence: Trend: 77)	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 3/5 mile 340 0.0	1975-04-09 2015-09-14
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	664 Unknown Natural/Na Clovis (367 Fresno 36.81280 / Zone-11 N T13S, R20 ABOUT 0.7 INTERSEC LOCATION MAPPED /	Map Index: 97501 tive occurrence 11976), Fresno North (36119 7-119.74611 4077625 E255037 DE, Sec. 12 (M) 7 MI WNW OF HWY 168 & S CTION, CSU FRESNO. N DESCRIBED ONLY AS "C/	Presence: Trend: 77) HAW AVE INTE	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 3/5 mile 340 0.0 TYSBURG AVE & CEDAR AV	1975-04-09 2015-09-14 E NKNOWN.
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	664 Unknown Natural/Na Clovis (367 Fresno 36.81280 / Zone-11 N T13S, R20 ABOUT 0.7 INTERSEC LOCATION MAPPED / OBSERVE	Map Index: 97501 tive occurrence 11976), Fresno North (36119 7-119.74611 4077625 E255037 DE, Sec. 12 (M) 7 MI WNW OF HWY 168 & S CTION, CSU FRESNO. N DESCRIBED ONLY AS "C/ AS BEST GUESS BY CNDD	Presence: Trend: 77) HAW AVE INTE ALIFORNIA STA B TO CSU FRES	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: RSECTION, 0.9 MI NE OF GETT TE UNIVERSITY, FRESNO CAM	Site Last Seen: Record Last Updated: 3/5 mile 340 0.0 TYSBURG AVE & CEDAR AV	1975-04-09 2015-09-14 E NKNOWN.
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	664 Unknown Natural/Na Clovis (367 Fresno 36.81280 / Zone-11 N T13S, R20 ABOUT 0.7 INTERSEC LOCATION MAPPED / OBSERVE DATA NOT ABOUT 12	Map Index: 97501 ative occurrence 11976), Fresno North (36119 7-119.74611 4077625 E255037 bE, Sec. 12 (M) 7 MI WNW OF HWY 168 & S CTION, CSU FRESNO. N DESCRIBED ONLY AS "CA AS BEST GUESS BY CNDD D TO THE E AND N. T AVAILABLE FOR HABITAT	Presence: Trend: 77) HAW AVE INTE ALIFORNIA STA B TO CSU FRES	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: RSECTION, 0.9 MI NE OF GETT TE UNIVERSITY, FRESNO CAM	Site Last Seen: Record Last Updated: 3/5 mile 340 0.0 TYSBURG AVE & CEDAR AV IPUS." EXACT LOCATION U INDS AND POSSIBLE NESTI	1975-04-09 2015-09-14 E E NKNOWN. NG HABITAT



California Department of Fish and Wildlife



Occurrence No.	955	Map Index: A1890	EO Index:	103498	Element Last Seen:	2011-06-04
Occ. Rank:	Unknown	Map muex. A1090	Presence:	Presumed Extant	Site Last Seen:	2011-06-04
Occ. Type:		ve occurrence	Trend:	Unknown	Record Last Updated:	2011-00-04
			frend.	Chikilown		2010 03 22
Quad Summary:		Mtn. (3711917)				
County Summary:	Madera					
Lat/Long:	37.0774 / -1	19.8642		Accuracy:	1/10 mile	
UTM:	Zone-11 N4	107297 E245384		Elevation (ft):	523	
PLSS:	T10S, R19E	, Sec. 11, NE (M)		Acres:	18.0	
Location:	ON S SIDE		ROAD 400 INT	ERSECTION, 4.7 MI SE OF RC	AD 600 & ROAD 603 INTERS	ECTION, NE
Detailed Location:		ATA STORED IN THE UC DA		RED BLACKBIRD PORTAL; SI THE PORTAL.	TE NAME WAS "BATES STAT	TION ROAD."
Ecological:	MILK THIST	Ί.Ε.				
General:	A BREEDIN	G COLONY OF ABOUT 4,50	00 BIRDS OBSI	ERVED ON 4 JUN 2011.		
Owner/Manager:	PVT					
Occurrence No.	956	Map Index: A1891	EO Index:	103499	Element Last Seen:	1995-06-13
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2014-04-19
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2016-09-27
Quad Summary:	Little Table	Mtn. (3711917)				
County Summary:	Madera					
Lat/Long:	37.062 / -11	9.7884		Accuracy:	2/5 mile	
UTM:	Zone-11 N4	105388 E252074		Elevation (ft):	613	
PLSS:	T10S, R20E	, Sec. 16, NE (M)		Acres:	280.0	
Location:	ALONG RO	AD 209, ABOUT 2.9 MI N OF	F HWY 41 INTE	RSECTION, NW OF MILLERTO	ONI LAKE, NE OF MADERA.	
Detailed Location:		G TO THE PROVIDED MAP		RED BLACKBIRD PORTAL; SI LOCATION. LOCATION FOR 1		
Ecological:				HABITAT, MOSTLY SHORT GI TION OCCUPIED BY THE 199		VISIBLE IN
General:				ED ON 17 MAY 1995. ABOUT		NG ON 13 JUN
	1995; FLED	GLINGS PRESENT, CATER	PILLARS FOR	FOOD. 0 BIRDS OBSERVED C	ON 19 APR 2014.	



California Department of Fish and Wildlife



Occurrence No.	957	Map Index: A1892	EO Index:	103500	Element Last Seen:	2005-06-0
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2014-04-19
Осс. Туре:		ative occurrence	Trend:	Unknown	Record Last Updated:	2016-09-22
Quad Summary:		e Mtn. (3711917)				
County Summary:	Madera	- Mul. (37 1 19 17)				
					0/5 1	
Lat/Long:	37.0104 / -			Accuracy:	2/5 mile	
UTM:		4099719 E249957		Elevation (ft):	445	
PLSS:	,	0E, Sec. 5 (M)		Acres:	280.0	
Location:	ALONG H	WY 145, 0.9 MI W OF HWY 4	41 INTERSECTIO	ON, W OF MILLERTON LAKE, E	NE OF MADERA.	
Detailed Location:		DATA STORED IN THE UC I NG TO PROVIDED LOCATION		ORED BLACKBIRD PORTAL; SI ⁻ TAL.	TE NAME WAS "HIGHWAY 14	15." MAPPEI
Ecological:				ZED AND VEGETATION HEIGH NO NESTING HABITAT IN 201		URE IN 2008
General:	THE VICIN			OUT 1,100 BIRDS OBSERVED (05. 0 OBSERVED ON 25-26 API		,
Owner/Manager:	UNKNOWI	Ν				
Mylopharodon	conoceph	alus			Element Code: AFCJ	IB25010
hardhead						
Listing Status:	Federal:	None		CNDDB Element Rar	iks: Global: G3	
	State:	None			State: S3	
	State: Other:	None CDFW_SSC-Species of Sp	ecial Concern, U	ISFS_S-Sensitive	State: S3	
Habitat:		CDFW_SSC-Species of Sp		ISFS_S-Sensitive HE SACRAMENTO-SAN JOAQI		ENT IN THE
Habitat:	Other:	CDFW_SSC-Species of Sp LOW TO MID-ELEVATION RUSSIAN RIVER.	STREAMS IN T	HE SACRAMENTO-SAN JOAQI	JIN DRAINAGE. ALSO PRES	
	Other: General:	CDFW_SSC-Species of Sp LOW TO MID-ELEVATION RUSSIAN RIVER. CLEAR, DEEP POOLS WI	STREAMS IN T	HE SACRAMENTO-SAN JOAQI	JIN DRAINAGE. ALSO PRES	
Occurrence No.	Other: General: Micro:	CDFW_SSC-Species of Sp LOW TO MID-ELEVATION RUSSIAN RIVER. CLEAR, DEEP POOLS WI WHERE EXOTIC CENTRA	STREAMS IN T TH SAND-GRAV RCHIDS PREDO	HE SACRAMENTO-SAN JOAQU EL-BOULDER BOTTOMS AND DMINATE.	JIN DRAINAGE. ALSO PRES SLOW WATER VELOCITY. N	IOT FOUND 1981-11-X
Occurrence No. Occ. Rank:	Other: General: Micro: 12 Unknown	CDFW_SSC-Species of Sp LOW TO MID-ELEVATION RUSSIAN RIVER. CLEAR, DEEP POOLS WI WHERE EXOTIC CENTRA	STREAMS IN T TH SAND-GRAV RCHIDS PREDO EO Index:	HE SACRAMENTO-SAN JOAQI EL-BOULDER BOTTOMS AND DMINATE. 2311	JIN DRAINAGE. ALSO PRES SLOW WATER VELOCITY. N Element Last Seen:	IOT FOUND 1981-11-X 1981-11-X
Occurrence No. Occ. Rank: Occ. Type:	Other: General: Micro: 12 Unknown Natural/Na	CDFW_SSC-Species of Sp LOW TO MID-ELEVATION RUSSIAN RIVER. CLEAR, DEEP POOLS WI WHERE EXOTIC CENTRA Map Index: 32387	STREAMS IN T TH SAND-GRAV RCHIDS PREDO EO Index: Presence:	HE SACRAMENTO-SAN JOAQU EL-BOULDER BOTTOMS AND DMINATE. 2311 Presumed Extant	JIN DRAINAGE. ALSO PRES SLOW WATER VELOCITY. N Element Last Seen: Site Last Seen:	IOT FOUND 1981-11-X 1981-11-X
Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	Other: General: Micro: 12 Unknown Natural/Na	CDFW_SSC-Species of Sp LOW TO MID-ELEVATION RUSSIAN RIVER. CLEAR, DEEP POOLS WI WHERE EXOTIC CENTRA Map Index: 32387 ative occurrence	STREAMS IN T TH SAND-GRAV RCHIDS PREDO EO Index: Presence:	HE SACRAMENTO-SAN JOAQU EL-BOULDER BOTTOMS AND DMINATE. 2311 Presumed Extant	JIN DRAINAGE. ALSO PRES SLOW WATER VELOCITY. N Element Last Seen: Site Last Seen:	IOT FOUND
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	Other: General: Micro: 12 Unknown Natural/Na Lanes Brid Fresno, Ma	CDFW_SSC-Species of Sp LOW TO MID-ELEVATION RUSSIAN RIVER. CLEAR, DEEP POOLS WI WHERE EXOTIC CENTRA Map Index: 32387 ative occurrence	STREAMS IN T TH SAND-GRAV RCHIDS PREDO EO Index: Presence:	HE SACRAMENTO-SAN JOAQU EL-BOULDER BOTTOMS AND DMINATE. 2311 Presumed Extant Unknown	JIN DRAINAGE. ALSO PRES SLOW WATER VELOCITY. N Element Last Seen: Site Last Seen: Record Last Updated:	IOT FOUND 1981-11-X 1981-11-X
Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Other: General: Micro: 12 Unknown Natural/Na Lanes Brid Fresno, Ma 36.88469 /	CDFW_SSC-Species of Sp LOW TO MID-ELEVATION RUSSIAN RIVER. CLEAR, DEEP POOLS WI WHERE EXOTIC CENTRA Map Index: 32387 Autive occurrence Ige (3611987) adera	STREAMS IN T TH SAND-GRAV RCHIDS PREDO EO Index: Presence:	HE SACRAMENTO-SAN JOAQU EL-BOULDER BOTTOMS AND DMINATE. 2311 Presumed Extant	JIN DRAINAGE. ALSO PRES SLOW WATER VELOCITY. N Element Last Seen: Site Last Seen:	IOT FOUND 1981-11-X 1981-11-X
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Other: General: Micro: 12 Unknown Natural/Na Lanes Brid Fresno, Ma 36.88469 / Zone-11 N	CDFW_SSC-Species of Sp LOW TO MID-ELEVATION RUSSIAN RIVER. CLEAR, DEEP POOLS WI WHERE EXOTIC CENTRA Map Index: 32387 Attive occurrence lige (3611987) adera	STREAMS IN T TH SAND-GRAV RCHIDS PREDO EO Index: Presence:	HE SACRAMENTO-SAN JOAQU EL-BOULDER BOTTOMS AND DMINATE. 2311 Presumed Extant Unknown Accuracy:	JIN DRAINAGE. ALSO PRES SLOW WATER VELOCITY. N Element Last Seen: Site Last Seen: Record Last Updated: nonspecific area	IOT FOUND 1981-11-X 1981-11-X
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Other: General: Micro: 12 Unknown Natural/Na Lanes Brid Fresno, Ma 36.88469 / Zone-11 N T12S, R20	CDFW_SSC-Species of Sp LOW TO MID-ELEVATION RUSSIAN RIVER. CLEAR, DEEP POOLS WI WHERE EXOTIC CENTRA Map Index: 32387 Ative occurrence dge (3611987) adera 7 -119.78572 H4085704 E251736 DE, Sec. 16 (M)	STREAMS IN T TH SAND-GRAV RCHIDS PREDO EO Index: Presence: Trend:	HE SACRAMENTO-SAN JOAQU EL-BOULDER BOTTOMS AND DMINATE. 2311 Presumed Extant Unknown Accuracy: Elevation (ft):	JIN DRAINAGE. ALSO PRES SLOW WATER VELOCITY. N Element Last Seen: Site Last Seen: Record Last Updated: nonspecific area 255 144.6	IOT FOUND 1981-11-X 1981-11-X
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Other: General: Micro: 12 Unknown Natural/Na Lanes Brid Fresno, Ma 36.88469 / Zone-11 N T12S, R20	CDFW_SSC-Species of Sp LOW TO MID-ELEVATION RUSSIAN RIVER. CLEAR, DEEP POOLS WI WHERE EXOTIC CENTRA Map Index: 32387 Ative occurrence dge (3611987) adera 7 -119.78572 H4085704 E251736 DE, Sec. 16 (M)	STREAMS IN T TH SAND-GRAV RCHIDS PREDO EO Index: Presence: Trend:	HE SACRAMENTO-SAN JOAQU EL-BOULDER BOTTOMS AND DMINATE. 2311 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	JIN DRAINAGE. ALSO PRES SLOW WATER VELOCITY. N Element Last Seen: Site Last Seen: Record Last Updated: nonspecific area 255 144.6	IOT FOUND 1981-11-X 1981-11-X
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Other: General: Micro: 12 Unknown Natural/Na Lanes Brid Fresno, Ma 36.88469 / Zone-11 N T12S, R20 SAN JOAC RIVER. DI: MOST CO	CDFW_SSC-Species of Sp LOW TO MID-ELEVATION RUSSIAN RIVER. CLEAR, DEEP POOLS WI WHERE EXOTIC CENTRA Map Index: 32387 Ative occurrence lge (3611987) adera 7-119.78572 H085704 E251736 DE, Sec. 16 (M) QUIN RIVER; WEST OF FOR SSOLVED OXYGEN = 9.1-1	STREAMS IN T TH SAND-GRAV RCHIDS PREDO EO Index: Presence: Trend: RT WASHINGTO	HE SACRAMENTO-SAN JOAQU EL-BOULDER BOTTOMS AND DMINATE. 2311 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	JIN DRAINAGE. ALSO PRES SLOW WATER VELOCITY. N Element Last Seen: Site Last Seen: Record Last Updated: nonspecific area 255 144.6 IDGE. 2-30 MG/L CACO3. TEMP = 6	IOT FOUND 1981-11-X 1981-11-X 1995-08-0
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Other: General: Micro: 12 Unknown Natural/Na Lanes Brid Fresno, Ma 36.88469 / Zone-11 N T12S, R20 SAN JOAC RIVER. DI: MOST CO BASS, SC AT SAMPL ABUNDAN	CDFW_SSC-Species of Sp LOW TO MID-ELEVATION RUSSIAN RIVER. CLEAR, DEEP POOLS WI WHERE EXOTIC CENTRA Map Index: 32387 Attive occurrence lge (3611987) adera 7-119.78572 4085704 E251736 DE, Sec. 16 (M) QUIN RIVER; WEST OF FOR SSOLVED OXYGEN = 9.1-1 MMON SPECIES WERE SA ULPINS & SQUAWFISH. LING SITE SJR-1, NONE OB	STREAMS IN T TH SAND-GRAV RCHIDS PREDO EO Index: Presence: Trend: RT WASHINGTO 2.2 MG/L. PH = 7 CRAMENTO SU SERVED USING	HE SACRAMENTO-SAN JOAQU EL-BOULDER BOTTOMS AND DMINATE. 2311 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: N; NORTHEAST OF LANES BR 7.6-8.5. TOTAL ALKALINITY = 1	JIN DRAINAGE. ALSO PRES SLOW WATER VELOCITY. N Element Last Seen: Site Last Seen: Record Last Updated: nonspecific area 255 144.6 IDGE. 2-30 MG/L CACO3. TEMP = 6 EGILL, REDEAR SUNFISH, L/	OT FOUND 1981-11-X 1981-11-X 1995-08-0





Lasiurus ciner	eus				Element Code: AMAC	CC05030
hoary bat						
Listing Status:		None		CNDDB Element Rank		
	State:	None			State: S4	
	Other:	IUCN_LC-Least Concern, V	_	•		
Habitat:	General:	PREFERS OPEN HABITAT OR HABITAT EDGES FOR		MOSAICS, WITH ACCESS TO T	REES FOR COVER AND OF	PEN AREAS
	Micro:	ROOSTS IN DENSE FOLIA	AGE OF MEDIUN	I TO LARGE TREES. FEEDS PF	RIMARILY ON MOTHS. REQU	JIRES WATER.
Occurrence No.	25	Map Index: 68488	EO Index:	68782	Element Last Seen:	1915-04-03
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1915-04-03
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2007-03-15
Quad Summary:	Fresno So	outh (3611967)				
County Summary:	Fresno					
Lat/Long:	36.72100	/ -119.85331		Accuracy:	nonspecific area	
UTM:	Zone-11 N	4067718 E245168		Elevation (ft):	270	
PLSS:	T14S, R19	9E, Sec. 13 (M)		Acres:	31.0	
Location:	FRESNO,	CALIFORNIA AVE NEAR VA	LENTINE ST.			
Detailed Location:		ACCORDING TO LAT/LONG D BY MANIS.	COORDINATES	WITH UNCERTAINTY OF 30 M	AND LOCATION DESCRIPT	ION
Ecological:						
General:	1 FEMALE	E SPECIMEN (MVZ #21439)	COLLECTED BY	ADREY E. BORELL AND WALT	ER P. TAYLOR ON 3 APR 19	
Owner/Manager:	UNKNOW	'N				915.
Occurrence No.						915.
	64	Map Index: 68509	EO Index:	68823	Element Last Seen:	1944-02-25
Occ. Rank:	64 Unknown		EO Index: Presence:	68823 Presumed Extant	Element Last Seen: Site Last Seen:	
Occ. Rank: Occ. Type:	Unknown					1944-02-25
	Unknown	Map Index: 68509 ative occurrence	Presence:	Presumed Extant	Site Last Seen:	1944-02-25 1944-02-25
Осс. Туре:	Unknown Natural/Na	Map Index: 68509 ative occurrence	Presence:	Presumed Extant	Site Last Seen:	1944-02-25 1944-02-25
Occ. Type: Quad Summary:	Unknown Natural/Na Madera (3 Madera	Map Index: 68509 ative occurrence	Presence:	Presumed Extant	Site Last Seen:	1944-02-25 1944-02-25
Occ. Type: Quad Summary: County Summary:	Unknown Natural/Na Madera (3 Madera 36.95701 /	Map Index: 68509 ative occurrence 8612081)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	1944-02-25 1944-02-25
Occ. Type: Quad Summary: County Summary: Lat/Long:	Unknown Natural/Na Madera (3 Madera 36.95701 / Zone-10 N	Map Index: 68509 ative occurrence 3612081) / -120.06666	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: 1/10 mile	1944-02-25 1944-02-25
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Unknown Natural/Na Madera (3 Madera 36.95701 / Zone-10 N T11S, R17	Map Index: 68509 ative occurrence 6612081) / -120.06666 44094125 E761175	Presence:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 1/10 mile 270	1944-02-25 1944-02-25
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Na Madera (3 Madera 36.95701 / Zone-10 N T11S, R17 MADERA,	Map Index: 68509 ative occurrence 2612081) / -120.06666 44094125 E761175 7E, Sec. 24, SW (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/10 mile 270	1944-02-25 1944-02-25
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Na Madera (3 Madera 36.95701 / Zone-10 N T11S, R17 MADERA,	Map Index: 68509 ative occurrence 3612081) / -120.06666 44094125 E761175 7E, Sec. 24, SW (M) , AT L AND YOSEMITE AVE.	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/10 mile 270	1944-02-25 1944-02-25
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Unknown Natural/Na Madera (3 Madera 36.95701 / Zone-10 N T11S, R17 MADERA, MAPPED	Map Index: 68509 ative occurrence 3612081) / -120.06666 4094125 E761175 7E, Sec. 24, SW (M) , AT L AND YOSEMITE AVE. ACCORDING TO LOCALITY	Presence: Trend: GIVEN BY MAN	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/10 mile 270 0.0	1944-02-25 1944-02-25
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological:	Unknown Natural/Na Madera (3 Madera 36.95701 / Zone-10 N T11S, R17 MADERA, MAPPED	Map Index: 68509 ative occurrence 3612081) / -120.06666 34094125 E761175 7E, Sec. 24, SW (M) , AT L AND YOSEMITE AVE. ACCORDING TO LOCALITY PECIMEN (MVZ #109120) CO	Presence: Trend: GIVEN BY MAN	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: IS.	Site Last Seen: Record Last Updated: 1/10 mile 270 0.0	1944-02-25 1944-02-25



California Natural Diversity Database



Element Code: AMACC07010

Euderma maculatum

spotted bat						
Listing Status:	Federal:	None		CNDDB Element Rank	ks: Global: G4	
	State:	None			State: S3	
	Other:	BLM_S-Sensitive, CDFW_SS	SC-Species of S	Special Concern, IUCN_LC-Least	Concern, WBWG_H-High Pi	riority
Habitat:	General:	OCCUPIES A WIDE VARIET CONIFER FORESTS.	TY OF HABITA	TS FROM ARID DESERTS AND	GRASSLANDS THROUGH N	MIXED
	Micro:	FEEDS OVER WATER AND IN CLIFFS OR CAVES FOR		HES. FEEDS ALMOST ENTIREL	Y ON MOTHS. NEEDS ROC	K CREVICES
Occurrence No.	40	Map Index: 66253	EO Index:	66334	Element Last Seen:	1970-06-06
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1970-06-06
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2006-09-19
Quad Summary:	Friant (361	11986), Millerton Lake West (37	711916)			
County Summary:	Fresno, M	adera				
Lat/Long:	37.00052	/ -119.70501		Accuracy:	nonspecific area	
UTM:	Zone-11 N	I4098351 E259295		Elevation (ft):	500	
PLSS:	T11S, R21	IE, Sec. 05 (M)		Acres:	41.0	
Location:	FRIANT D	AM.				
Detailed Location:	COLLECT	ED AT SAN JOAQUIN FISH H	ATCHERY.			
Ecological:	LARGE P	OOLS AND RUNWAYS. BASA	LT CLIFFS SU	ITABLE FOR ROOSTING NEARE	BY.	
General:	BAT WITH	RABIES COLLECTED 1 JUN	1970. MUSEU	M SPECIMEN (MUSEUM NOT S	PECIFIED) COLLECTED 6 J	IUN 1970.
Owner/Manager:	UNKNOW	N				



California Natural Diversity Database



N DIVERSITY DA		Californ	na Naturai L	Diversity Database		
Antrozous pall	idus				Element Code: AMA	CC10010
pallid bat						
Listing Status:	Federal:	None		CNDDB Element Rank	ks: Global: G5	
	State:	None			State: S3	
	Other:	BLM_S-Sensitive, CDFW_S High Priority	SC-Species of S	Special Concern, IUCN_LC-Least	Concern, USFS_S-Sensitive	, WBWG_H-
Habitat:	General:	• •		, WOODLANDS AND FORESTS OSTING.	. MOST COMMON IN OPEN	DRY
	Micro:	ROOSTS MUST PROTECT ROOSTING SITES.	BATS FROM H	IIGH TEMPERATURES. VERY S	ENSITIVE TO DISTURBANC	E OF
Occurrence No.	147	Map Index: 66492	EO Index:	66606	Element Last Seen:	1909-10-06
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1909-10-06
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown	Record Last Updated:	2006-10-02
Quad Summary:	Fresno So	uth (3611967)				
County Summary:	Fresno					
Lat/Long:	36.74789	/ -119.77191		Accuracy:	1/10 mile	
UTM:	Zone-11 N	4070489 E252526		Elevation (ft):	310	
PLSS:	T14S, R20	0E, Sec. 02, NW (M)		Acres:	0.0	
Location:	FRESNO.					
Detailed Location:		ACCORDING TO LAT/LONG		S GIVEN BY MANIS, WITH UNCE	ERTAINTY OF 30 M. MAPPE	D LOCATION
Ecological:						
General:	1 UNKNO	WN SPECIMEN COLLECTED	BY W.N. WEAR	R ON 6 OCT 1909, MVZ #9440.		
Owner/Manager:	UNKNOW	N				
Occurrence No.	198	Map Index: 66535	EO Index:	66661	Element Last Seen:	1979-06-06
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1979-06-06
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2006-10-02
Quad Summary:	Millerton L	ake West (3711916), Little Ta	ble Mtn. (37119	17)		
County Summary:	Madera					
Lat/Long:	37.09462	/ -119.73427		Accuracy:	1 mile	
UTM:	Zone-11 N	4108868 E256991		Elevation (ft):	1360	
PLSS:	T10S, R20	0E, Sec. 01 (M)		Acres:	0.0	
Location:	SAN JOAC	QUIN EXPERIMENTAL RANG	E.			
Detailed Location:	OF 4828.0			G TO LAT/LONG COORDINATES SNO, HWY 41." 2 COLLECTED F		
Ecological:						
General:				L. BY MCKEEVERS 1962 KU #14 DLL. BY BARNETT, TTU #29964,		
Owner/Manager:	UNKNOW	N				
Eumops peroti	s californi	cus			Element Code: AMA	CD02011
western mastiff b	bat					
Listing Status:	Federal:	None		CNDDB Element Rank	ks: Global: G5T4	
	State:	None			State: S3S4	

BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, WBWG_H-High Priority

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Other:



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Habitat:	General:	MANY OPEN, SEMI-ARID T SCRUB, GRASSLANDS, CI			DECIDUOUS WOODLANDS, (COASTAL
	Micro:	ROOSTS IN CREVICES IN	CLIFF FACES,	HIGH BUILDINGS, TREES AN	D TUNNELS.	
Occurrence No.	46	Map Index: 66289	EO Index:	66373	Element Last Seen:	1991-04-17
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1991-04-17
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown	Record Last Updated:	2006-11-01
Quad Summary:	Fresno No	rth (3611977)				
County Summary:	Fresno					
Lat/Long:	36.75822/	/ -119.85940		Accuracy:	1/5 mile	
UTM:	Zone-11 N	4071865 E244747		Elevation (ft):	310	
PLSS:	T13S, R19	9E, Sec. 36 (M)		Acres:	0.0	
Location:	FRESNO,	ABOUT 0.6 MI NNE OF INTE	RSECTION OF	BRAWLEY AVE. AND BELMO	NT AVE.	
Detailed Location:	GENERAL	LOCATION "FRESNO" AND	SPECIFIC LOC	ATION "1437 KNOLL, FRESN	O" INCLUDED HERE.	
Ecological:						
General:		EN COLLECTED ON 9 MAR , MVZ #182348.	1905, CAS #644	48. 1 FEMALE SPECIMEN COI	LECTED BY WILLIAM E. RAIN	NEY ON 17
Owner/Manager:	UNKNOW	Ν				
Occurrence No.	47	Map Index: 66290	EO Index:	66374	Element Last Seen:	1991-04-17
Occurrence No. Occ. Rank:	47 Unknown	Map Index: 66290	EO Index: Presence:	66374 Presumed Extant	Element Last Seen: Site Last Seen:	1991-04-17 1991-04-17
	Unknown	Map Index: 66290				
Occ. Rank:	Unknown Natural/Na		Presence: Trend:	Presumed Extant	Site Last Seen:	1991-04-17
Occ. Rank: Occ. Type:	Unknown Natural/Na Fresno So	tive occurrence	Presence: Trend:	Presumed Extant	Site Last Seen:	1991-04-17
Occ. Rank: Occ. Type: Quad Summary:	Unknown Natural/Na Fresno So Fresno	tive occurrence	Presence: Trend:	Presumed Extant	Site Last Seen:	1991-04-17
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Unknown Natural/Na Fresno So Fresno 36.74878 /	tive occurrence uth (3611967), Fresno North (Presence: Trend:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	1991-04-17
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Unknown Natural/Na Fresno So Fresno 36.74878 / Zone-11 N	tive occurrence uth (3611967), Fresno North (Presence: Trend:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated:	1991-04-17
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Unknown Natural/Na Fresno So Fresno 36.74878 / Zone-11 N	tive occurrence uth (3611967), Fresno North (-119.78150 4070613 E251672	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 1 mile	1991-04-17
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Na Fresno So Fresno 36.74878 / Zone-11 N T14S, R20 FRESNO.	tive occurrence uth (3611967), Fresno North (Presence: Trend: 3611977)	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 1 mile 0.0	1991-04-17
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Na Fresno So Fresno 36.74878 / Zone-11 N T14S, R20 FRESNO.	tive occurrence uth (3611967), Fresno North (Presence: Trend: 3611977)	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1 mile 0.0	1991-04-17
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Unknown Natural/Na Fresno So Fresno 36.74878 / Zone-11 N T14S, R20 FRESNO. INCLUDES SPECIMEI E. BOREL	tive occurrence uth (3611967), Fresno North (-119.78150 4070613 E251672 DE, Sec. 03 (M) S OBSERVATION FROM "FR	Presence: Trend: (3611977) ESNO, WASHIN	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1 mile 0.0	1991-04-17 2006-09-26



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California Natural Diversity Database



Occurrence No.	73	Map Index: 66317	EO Index:	66403		Element Last Seen:	1958-11-20
Occ. Rank:	Unknown		Presence:	Presumed Ext	tant	Site Last Seen:	1958-11-20
Осс. Туре:	Natural/Native	e occurrence	Trend:	Unknown		Record Last Updated:	2006-09-21
Quad Summary:	Fresno North	(3611977)					
County Summary:	Fresno						
Lat/Long:	36.79386 / -1	19.81289			Accuracy:	80 meters	
UTM:	Zone-11 N407	75697 E249017			Elevation (ft):	320	
PLSS:	T13S, R20E,	Sec. 20, NE (M)			Acres:	0.0	
Location:	FRESNO, AT	ASHLAND AND THORNE	AVENUES.				
Detailed Location:	BASE OF PO	WER POLE.					
Ecological:							
General:	1 MALE SPE	CIMEN COLLECTED BY R	. STOLZ ON 20	NOV 1958, CA	S #12237.		
Owner/Manager:	UNKNOWN						
Occurrence No.	108	Map Index: 66355	EO Index:	66452		Element Last Seen:	1994-10-07
Occ. Rank:	Unknown	·	Presence:	Presumed Ext	tant	Site Last Seen:	1994-10-07
Осс. Туре:	Natural/Native	e occurrence	Trend:	Unknown		Record Last Updated:	2006-09-25
Quad Summary:	Little Table M	tn. (3711917)					
County Summary:	Madera	. ,					
Lat/Long:	37.00892 / -1	19.76689			Accuracy:	1/10 mile	
UTM:	Zone-11 N409	99442 E253814			Elevation (ft):		
PLSS:	T11S, R20E,	Sec. 03, NE (M)			Acres:	0.0	
Location:	LITTLE TABL	E MOUNTAIN.					
Detailed Location:		CORDING TO LAT/LONG (L ELEVATIONS ON LITTL			ATION IN SOUR	CE IS 162 M, BUT THIS IS TO	O LOW FOR
Ecological:							
General:	1-3 ANIMALS	DETECTED 7 OCT 1994.					
-	1-3 ANIMALS UNKNOWN	DETECTED 7 OCT 1994.					
General:		DETECTED 7 OCT 1994. Map Index: 66420	EO Index:	66517		Element Last Seen:	1958-XX-XX
General: Owner/Manager:	UNKNOWN		EO Index: Presence:	66517 Presumed Ext	tant	Element Last Seen: Site Last Seen:	1958-XX-XX 1958-XX-XX
General: Owner/Manager: Occurrence No.	UNKNOWN	Map Index: 66420			tant		
General: Owner/Manager: Occurrence No. Occ. Rank:	UNKNOWN 161 Unknown	Map Index: 66420 e occurrence	Presence:	Presumed Ext	tant	Site Last Seen:	1958-XX-XX
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	UNKNOWN 161 Unknown Natural/Native	Map Index: 66420 e occurrence	Presence:	Presumed Ext	tant	Site Last Seen:	1958-XX-XX
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	UNKNOWN 161 Unknown Natural/Native Fresno South	Map Index: 66420 e occurrence (3611967)	Presence:	Presumed Ext Unknown	tant Accuracy:	Site Last Seen:	1958-XX-XX
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	UNKNOWN 161 Unknown Natural/Native Fresno South Fresno 36.65045 / -1	Map Index: 66420 e occurrence (3611967)	Presence:	Presumed Ext Unknown		Site Last Seen: Record Last Updated:	1958-XX-XX
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	UNKNOWN 161 Unknown Natural/Native Fresno South Fresno 36.65045 / -1	Map Index: 66420 e occurrence (3611967) 19.79075 59725 E250529	Presence:	Presumed Ext Unknown	Accuracy:	Site Last Seen: Record Last Updated:	1958-XX-XX
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	UNKNOWN 161 Unknown Natural/Native Fresno South Fresno 36.65045 / -1 Zone-11 N405	Map Index: 66420 e occurrence (3611967) 19.79075 59725 E250529	Presence:	Presumed Ext Unknown	Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 3/5 mile	1958-XX-XX
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	UNKNOWN 161 Unknown Natural/Native Fresno South Fresno 36.65045 / -1 Zone-11 N409 T15S, R20E, EASTON.	Map Index: 66420 e occurrence 1 (3611967) 19.79075 59725 E250529 Sec. 04 (M)	Presence: Trend:	Presumed Ext Unknown	Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 3/5 mile	1958-XX-XX 2006-09-26
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	UNKNOWN 161 Unknown Natural/Native Fresno South Fresno 36.65045 / -1 Zone-11 N409 T15S, R20E, EASTON.	Map Index: 66420 e occurrence 1 (3611967) 19.79075 59725 E250529 Sec. 04 (M)	Presence: Trend:	Presumed Ext Unknown	Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 3/5 mile 0.0	1958-XX-XX 2006-09-26
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	UNKNOWN 161 Unknown Natural/Native Fresno South Fresno 36.65045 / -1 Zone-11 N409 T15S, R20E, EASTON. EXACT LOCA	Map Index: 66420 e occurrence 1 (3611967) 19.79075 59725 E250529 Sec. 04 (M)	Presence: Trend:	Presumed Ext Unknown G TO LAT/LONG	Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 3/5 mile 0.0	1958-XX-XX 2006-09-26

Perognathus inornatus

Element Code: AMAFD01060

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San Joaquin Poc	ket Mouse						
Listing Status:	Federal:	None		CNDDB Element Ran	ks: Global:	G2G3	
	State:	None			State:	S2S3	
	Other:	BLM_S-Sensitive, IUCN_L	C-Least Concern				
Habitat:	General:			SCRUBLAND IN THE SOUTHER JACENT FOOTHILLS, SOUTH T			SALINAS
	Micro:	ASSOCIATED WITH FINE	-TEXTURED, SA	NDY, FRIABLE SOILS.			
Occurrence No.	14	Map Index: 14685	EO Index:	23938	Element	Last Seen:	1911-04-07
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last	Seen:	1911-04-07
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown	Record L	ast Updated:	1998-08-11
Quad Summary:	Fresno No	rth (3611977), Lanes Bridge	(3611987)				
County Summary:	Fresno, Ma	adera					
Lat/Long:	36.87661 /	-119.79181		Accuracy:	1/5 mile		
UTM:	Zone-11 N	4084824 E251167		Elevation (ft):			
PLSS:	T12S, R20	E, Sec. 21, NW (M)		Acres:	0.0		
Location:	LANES BR	RIDGE 10 MILES NORTH OF	F FRESNO.				
Location: Detailed Location:	LANES BR	RIDGE 10 MILES NORTH OF	F FRESNO.				
	LANES BR	RIDGE 10 MILES NORTH OF	F FRESNO.				
Detailed Location:	-	RIDGE 10 MILES NORTH OF					
Detailed Location: Ecological:	-	ENS COLLECTED MVZ #14					
Detailed Location: Ecological: General:	2 SPECIM	ENS COLLECTED MVZ #14		23951	Element	Last Seen:	1915-11-20
Detailed Location: Ecological: General: Owner/Manager:	2 SPECIM UNKNOWI	ENS COLLECTED MVZ #14 N	1488 & 14489.	23951 Presumed Extant	Element Site Last		1915-11-20 1915-11-20
Detailed Location: Ecological: General: Owner/Manager: Occurrence No.	2 SPECIM UNKNOWI 16 Unknown	ENS COLLECTED MVZ #14 N	1488 & 14489. EO Index:		Site Last		
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	2 SPECIM UNKNOWI 16 Unknown Natural/Na	ENS COLLECTED MVZ #14 N Map Index: 14563	EO Index: Presence: Trend:	Presumed Extant	Site Last	Seen:	1915-11-20
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	2 SPECIM UNKNOWI 16 Unknown Natural/Na	ENS COLLECTED MVZ #14 N Map Index: 14563 tive occurrence	EO Index: Presence: Trend:	Presumed Extant	Site Last	Seen:	1915-11-20
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	2 SPECIM UNKNOWI 16 Unknown Natural/Na Fresno Sou Fresno	ENS COLLECTED MVZ #14 N Map Index: 14563 tive occurrence	EO Index: Presence: Trend:	Presumed Extant	Site Last	Seen:	1915-11-20
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	2 SPECIM UNKNOWI 16 Unknown Natural/Na Fresno Sou Fresno 36.73689 /	ENS COLLECTED MVZ #14 N Map Index: 14563 tive occurrence uth (3611967), Fresno North	EO Index: Presence: Trend:	Presumed Extant Unknown	Site Last Record L	Seen:	1915-11-20
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	2 SPECIM UNKNOWI 16 Unknown Natural/Na Fresno Sou Fresno 36.73689 / Zone-11 N	ENS COLLECTED MVZ #14 N Map Index: 14563 tive occurrence uth (3611967), Fresno North	EO Index: Presence: Trend:	Presumed Extant Unknown Accuracy:	Site Last Record L	Seen:	1915-11-20
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	2 SPECIM UNKNOWI 16 Unknown Natural/Na Fresno Sou Fresno 36.73689 / Zone-11 N	ENS COLLECTED MVZ #14 N Map Index: 14563 tive occurrence uth (3611967), Fresno North 7-119.85793 4069494 E244808 IE, Sec. 01, SW (M)	EO Index: Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Record L 1 mile	Seen:	1915-11-20
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	2 SPECIM UNKNOWI 16 Unknown Natural/Na Fresno So Fresno 36.73689 / Zone-11 N T14S, R19	ENS COLLECTED MVZ #14 N Map Index: 14563 tive occurrence uth (3611967), Fresno North 7-119.85793 4069494 E244808 IE, Sec. 01, SW (M)	EO Index: Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Record L 1 mile	Seen:	1915-11-20
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	2 SPECIM UNKNOWI 16 Unknown Natural/Na Fresno So Fresno 36.73689 / Zone-11 N T14S, R19	ENS COLLECTED MVZ #14 N Map Index: 14563 tive occurrence uth (3611967), Fresno North 7-119.85793 4069494 E244808 IE, Sec. 01, SW (M)	EO Index: Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Record L 1 mile	Seen:	1915-11-20
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	2 SPECIM UNKNOWI 16 Unknown Natural/Na Fresno So Fresno 36.73689 / Zone-11 N T14S, R19	ENS COLLECTED MVZ #14 Map Index: 14563 tive occurrence uth (3611967), Fresno North -119.85793 4069494 E244808 E, Sec. 01, SW (M) ESNO.	EO Index: Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Record L 1 mile	Seen:	1915-11-20



Owner/Manager:

PVT

Multiple Occurrences per Page

California Department of Fish and Wildlife



Occurrence No.	17	Map Index: 14364	EO Index:	7329		Element Last Seen:	1924-04-13
Occ. Rank:	None		Presence:	Extirpated		Site Last Seen:	1986-04-2
Осс. Туре:	Natural/N	ative occurrence	Trend:	Unknown		Record Last Updated:	1993-09-2
Quad Summary:	Herndon	(3611978)					
County Summary:	Fresno						
Lat/Long:	36.80466	/ -119.97710			Accuracy:	1 mile	
UTM:	Zone-11	N4077339 E234399			Elevation (ft):	265	
PLSS:	T13S, R1	8E, Sec. 14 (M)			Acres:	0.0	
Location:	JUNCTIO	N OF GETTYSBURG & DOV	VER AVENUES.	4 MI SW HERN	NDON.		
Detailed Location:							
Ecological:	THE SITE	E HAS BEEN CONVERTED T	O VINEYARDS.				
General:	MVZ #336	646.					
Owner/Manager:	PVT						
						Element Code: AMA	
Dipodomys nit		XIIIS				Element Code: AMAI	-D03151
Fresno kangaroo		Endongorod		CNI	DDB Element Ran	ks: Global: G3TH	
Listing Status:		Endangered		CINL	DDB Element Ran	State: SH	
	State: Other:	Endangered					
Habitat:	General:	IUCN_VU-Vulnerable ALKALI SINK-OPEN GRA					
Habitat.	Micro:					TION, WITH MORE FRIABLE	SOIL
	Milero.	MOUNDS AROUND SHRU					
Occurrence No.	10	Map Index: 14436	EO Index:	23967		Element Last Seen:	1972-12-3
Occ. Rank:	None		Presence:	Extirpated		Site Last Seen:	1974-04-X
Осс. Туре:	Natural/N	ative occurrence	Trend:	Unknown		Record Last Updated:	2006-07-2
Quad Summary:	Raisin (36	611958), Kearney Park (3611	968)				
County Summary:	Fresno						
Lat/Long:	36.62577	/ -119.93542			Accuracy:	1 mile	
UTM:	Zone-11	N4057372 E237510			Elevation (ft):	225	
PLSS:	T15S, R1	9E, Sec. 18 (M)			Acres:	0.0	
Location:	APPROX	2.5 TO 6.0 MI NW OF RAISI	N CITY ALONG H	HENDERSON	RD.		
Detailed Location:	HISTORI	C RECORDS FROM T15S, R	18E, SEC 1,2,11	,12; K-RATS T	RAPPED 12/1972	IN EXTANT HABITAT IN T15	S, R19E, SI
Foologiast	17 & 18. \$	SDNHM #18692-3 COLLECT	ED 4 JUL & 15 A	UG 1942 BY A	E. CULBERTSOI	N FROM "6.5 MI S ROLINDA'	
Ecological:		74 THESE SECTIONS HAD					
General:	AS UF 19	14 I TESE SECTIONS HAD			JULIUKE.		



California Department of Fish and Wildlife



Occ. Rank: None Presence: Extipated Site Last Seen: 1974-XXX Occ. Type: NaturalNative occurrence Trend: Unknown Record Last Updated: 1984-08-10 Ouds Summary: Presso Fresso 155 Site Cart Seen: 155 155 Rife: Soc: 30, SV (M) Courary: 156 156 155	Occurrence No.	11	Map Index: 14406	EO Index:	23969		Element Last Seen:	1972-XX-XX
Qued Summary: Raisin (3811958) County Summary: Fresno LatU.org: 36.59216 / -119.95015 Accuracy: 1/5 mile LatU.org: 36.59216 / -119.95015 Accuracy: 1/5 mile UTM: Zone-11 M4053883 E238077 Elevation (th): 220 PLSS: T15S, R19E, Sec. 30, SW (M) Acres: 0.0 Location: APPROX 2.75 MI SW RAISIN CITY: 0.5 MI S MANNING AVE ON E SIDE OF WEST LAWN AVE. Detailed Location: K-RATS TRAPPED HERE DURING 1972 SURVEY BUT HABITAT CONVERTED TO AGRICULTURE IN 1974. Eoological: General: 0.0 Owner/Manager: PVT Occurrence No. 15 Map Index: 14593 E0 Index: 23963 Element Last Seen: 1898-04-23 Occ. Rank: None Presence: Extipated Site Last Seen: 1898-04-23 Occ. Rank: None Presence: Extipated Site Last Seen: 1898-04-23 Occurrence No. 05 Map Index: 14593 E0 Index: Z3963 Elewation (th): 200- Caunty Summary: Freson Article Seen: 1989-04-23 Occurance: 1 mile	Occ. Rank:	None		Presence:	Extirpated		Site Last Seen:	1974-XX-XX
County Summary: Fresno LatUong: 36,9216 / 119,95015 Acuracy: 1/5 mile UTM: Zone-11 M405388 E238077 Elevation (ft): 220 PLSS: T195, R195, Sec. 30, SW (M) Acuracy: 0.0 Location: APPROX 2.75 MI SW RAISIN CITY: 0.5 MI S MANNING AVE ON E SIDE OF WEST LAWN AVE. Detailed Location: KARTS TRAPPED HERE DURING 1972 SURVEY BUT HABITAT CONVERTED TO AGRICULTURE IN 1974. Cological: KARTS TRAPPED HERE DURING 1972 SURVEY BUT HABITAT CONVERTED TO AGRICULTURE IN 1974. Cological: KARTS TRAPPED HERE DURING 1972 SURVEY BUT HABITAT CONVERTED TO AGRICULTURE IN 1974. Concorreo No. 15 Map Index: 14593 Element Last Seen: 1988-04.23 Occ. Rank: None Presence: Estipated Site Last Seen: 1988-04.23 Occ. Rank: Natural/Native occurrence Trend: Linkown Record Last Updated: 2006-07-25 Quard Summary: Freeno Streno North (3611977) Recoracy: 1 mile 1 Courted Signal: Streno North (3611977) Recoracy: 1 mile 1 PLS TSS. N4 MLES NORTH OF RAILROAD STATION ALONG SOUTHERE N PACIFIC NORTHORAICHER EVENT I mile	Осс. Туре:	Natural/Native	occurrence	Trend:	Unknown		Record Last Updated:	1989-08-10
Lat/Long: 36.59216 / -119.95015 Accuracy: 1/5 mile UTM: Zone-11 NA053688 2280077 Elevation (ft): 220 PLSS: T15S, R19E, Sec. 30, SW (M) Acres: 0.0 Location: APPROX 25 MI SW RAISIN CITY: 0.5 MI S MANNING AVE OB EOF OF VEST LAWN AVE. Detailed Location: K-RATS TRAPPED HERE DURING 19/2 SURVEY BUT HABITAT CONVERTED TO AGRICULTURE IN 1974. Ecological: General: Ovmer/Manager: PVT Occurrace No. 15 Map Index: 14593 EO Index: 23963 Element Last Seen: 1898-04-23 Occ. Rank: None Presence: Exitipated Site Last Seen: 1898-04-23 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2066-07-25 Quad Summary: Fresno North (3611977) County Summary: Fresno North (3611977) County Summary: Fresno: 0.0 Leation: FRESNO: 11 M071412 E248138 Elevation (ft): PLSS: 1738, R19E, Sec. 25 (M) Accuracy:: 1 mile Eological: AREA COMPLETELY DEVELOPED. Fresno: 2.00 Aceastion: 1934-03-10 Occuracy:::::::::::::::::::::::::::::::::	Quad Summary:	Raisin (36119	58)					
UTM: Zone-11 M4053683 E236077 Elevation (th: 220 PLSS: T1SS, R19E, Sec. 30, SW (M) Acres: 0.0 Location: APPROX 2.75 MI SW RAISIN CITY: 0.5 MI S MANNING AVE ON E SIDE OF WEST LAWN AVE. Detailed Location: KRATS TRAPPED HERE DURING 1972 SURVEY BUT HABITAT CONVERTED TO AGRICULTURE IN 1974. Eoological: General: Were/Manager: PVT Cocurrence No. 15 Map Index: 14593 EO Index: Z3963 Element Last Seen: 1898-04-23 Occ. Rank: None Presence: Extinpated Site Last Seen: 1898-04-23 Occ. Rank: None Presence: Extinpated Site Last Seen: 1898-04-23 Occ. Rank: None Presence: Extinpated Site Last Seen: 1898-04-23 Occ. Rank: None Presence: Extinpated None 006-07-25 Quad Summary: Fresno Trend: Unknown Record Last Updated: 2006-07-25 Quad Summary: Tresno Acres: 0.0 Last Seen: 1981-02.5 Elevation (th:	County Summary:	Fresno						
PLSS: T1SS, R19E, Sec. 30, SW (M) Acres: 0.0 Location: APPROX 2.75 MI SW RAISIN CITY: 0.5 MI S MANNING AVE ON E SIDE OF WEST LAWN AVE. KARTS TRAPPED HERE DURING 1972 SURVEY BUT HABITAT CONVERTED TO AGRICULTURE IN 1974. Becilogical: "General: Ovner/Manager: PVT Occ. Type: None Map Index: 14593 EO Index: 23963 Element Last Seen: 1898-04-23 Occ. Type: None Presence: Extirpated Site Last Seen: 1898-04-23 Occ. Type: None Trend: Unknown Recoracy: 1 mile Quad Summary: Fresno North (3611977) Trend: Unknown Recoracy: 1 mile Courty Summary: Fresno Fresno Accuracy: 1 mile 1 PLSS: T13S, R19E, Sec. 25 (M) Accuracy: 1 mile 1 Location: FRESNO: 4 MILES NORTH OF RAILROAD STATION ALONG SOUTHERN PACIFIC RIGHT-OF-WAY. Detailed Location: 0.0 Eological: AREA COMPLETELY DEVELOPED. Stolue States S	Lat/Long:	36.59216 / -11	9.95015			Accuracy:	1/5 mile	
Location: APPROX 2.75 M ISW RAISIN CITY; 0.5 M IS MANNING AVE ON E SIDE OF WEST LAWN AVE. Detailed Location: K-RATS TRAPPED HERE DURING 1972 SURVEY BUT HABITAT CONVERTED TO AGRICULTURE IN 1974. Beological: General: Owner/Manager: PVT Occurrence No. 15 Map Index: 14593 EO Index: 23963 Element Last Seen: 1898-04-23 Occ. Rank: None Presence: Extirpated Site Last Seen: 1898-04-23 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2006-07-25 Quad Summary: Freson Oxfn (3611977) Cocurracy: 1 mile 2006-07-25 Quad Summary: Freson Oxfn (3611977) Cocurracy: 1 mile 2006-07-25 Lat/Long: 36.77910 / 119.84450 Accuracy: 1 mile 2006-07-25 Lat/Long: 36.77910 / 119.84450 Accuracy: 1 mile 2006-07-25 Detailed Location: Enson Oxfn (3611977) Cocurracy: 1 mile 2006-07-25 Betailed Location: Enson Oxfn (36108177) Accuracy: 1 mile 2006-07-25 Docation: FRESNO? 4 MILES NORTH OF RAILROAD STATI	UTM:	Zone-11 N405	3683 E236077			Elevation (ft):	220	
Detailed Location: K-RATS TRAPPED HERE DURING 1972 SURVEY BUT HABITAT CONVERTED TO AGRICULTURE IN 1974. Ecological: Sevent 1989-04-23 Occ. Rank: None Presence: Eximplete Site Last Seen: 1989-04-23 Occ. Gave Natural/Native occurrence Trend: Unknown Record Last Updated: 2006-07-25 Quad Summary: Fresno North (3611977) Trend: Unknown Record Last Updated: 2006-07-25 Quad Summary: Fresno Sterno North (3611977) Accuracy: 1 mile Trend: Unknown Record Last Updated: 2006-07-25 Quad Summary: Fresno Kersno North (3611977) Accuracy: 1 mile Trend: Unknown Record Last Updated: 2006-07-25 Quad Summary: Fresno Fresno Accuracy: 1 mile Trend: Lat/Long: 3, R19E, Sec. 25 (M) Zevents: Accuracy: 1 mile Zevents: <th< th=""><th>PLSS:</th><th>T15S, R19E, S</th><th>Sec. 30, SW (M)</th><th></th><th></th><th>Acres:</th><th>0.0</th><th></th></th<>	PLSS:	T15S, R19E, S	Sec. 30, SW (M)			Acres:	0.0	
Ecological: General: Owner/Manager: PVT Occ.rpne: No.ne Nap Index: 14593 EO Index: 23963 Element Last Seen:: 1898-04-23 Occ. Rank: No.ne Presence: Extirpated Site Last Seen:: 1898-04-23 Occ. Rank: No.ne Presence: Extirpated Record Last Updated: 2006-07-25 Quad Summary: Freeno Trend: Unknown Record Last Updated: 2006-07-25 Quad Summary: Freeson Freeson Lat/Long: 36.77910 / -119.84460 Accuracy:: 1 mile UTM: Zone-11 N4074142 E246138 Elevation (ft): PLS3: 1 mile Image: Sec. 25 (M) Acres: 0.0 Location: FRESNO: 4 MILES NORTH OF RAILROAD STATION ALONG SOUTHERN PACIFIC RIGHT-OF-WAY. Image: Sec. 25 (M) Acres: 10.9 General: TYPE LOCALITY. COLLECTED BY BAILEY 23 SEP 1891; U.S. BIOLOGICAL SURVEY COLLECTIONS (BSC) #348434/3823. ALSO COLLECTED FROM "FRESNO" BY C.P. STREATOR 22-23 APRIL 1898 (MVZ #19064-19067 COMPLETE SKULLS & STUDY SKINS). Occurrence No. 20 Map Index: 65385 EO Index: 65464 Element Last Seen:	Location:	APPROX 2.75	MI SW RAISIN CITY; 0.5	MI S MANNING	AVE ON E S	IDE OF WEST LA	WN AVE.	
General: Owner/Manage: PVT Occurrence No. Occ. Rank: None 15 Map Index: 14593 Map Index: 14593 EO Index: Extirpated 23963 Element Last Seen: Site Last Seen: 1898-04-23 1898-04-23 Occ. Rank: None None Presence: Extirpated Extirpated Record Last Updated: 2006-07-25 1898-04-23 Quad Summary: Fresno Fresno V Fresno V Record Last Updated: 2006-07-25 2006-07-25 Quad Summary: Fresno Fresno V Accuracy: 1 mile 1 mile 2006-07-25 Location: FRESNO?119.7119.84460 Accuracy: 1 mile 1 mile 1 UTM: Zone-11 N4074142 E246138 Elevation (ft): PLSS: 0.0 1 PLSS: T13S, R19E, Sec. 25 (M) Acres: 0.0 1 Detailed Location: FRESNO?4 MILES NORTH OF RAILEY 23 SEP 1891; U. S. BIOLOGICAL SURVEY COLLECTIONS (BSC) #34843/43923. ALSO COLLECTED FROM *FRESNO'BY C.P. STREAT VERSUR VELSO SURVEY COLLECTIONS (BSC) #34843/43923. ALSO COLLECTED FROM *FRESNO'BY C.P. STREAT VERSUR VELSO VELS	Detailed Location:	K-RATS TRAF	PPED HERE DURING 1972	2 SURVEY BUT	Г НАВІТАТ СС	ONVERTED TO AG	GRICULTURE IN 1974.	
Owner/Manager: PVT Occurrence No. 15 Map Index: 14593 E0 Index: 23963 Element Last Seen: 1898-04-23 Occ. Rank: None Presence: Extipated Site Last Seen: 1898-04-23 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2006-07-25 Quad Summary: Fresno Fresno Accuracy: 1 mile 1 Lat/Long: 36.77910 / -119.84460 Accuracy: 1 mile Imile Imile Lat/Long: 36.77910 / -119.84460 Accuracy: 1 mile Imile Imile Location: Fresno Accuracy: 1 mile Imile Imile Imile PLSS: T13S, R19E, Sec. 25 (M) Acres: 0.0 Imile Imile Imile Imile Detailed Location: FRESNO; 4 MILES NORTH OF RAILROAD STATION ALONG SOUTHERN PACIFIC RIGHT-OF-WAY. Imile	Ecological:							
Occurrence No. 15 Map Index: 14593 EO Index: 23963 Element Last Seen: 1898-04-23 Occ. Rank: None Presence: Extirpated Site Last Seen: 1898-04-23 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2006-07-25 Quad Summary: Fresno North (3611977) Trend: Unknown Record Last Updated: 2006-07-25 Quad Summary: Fresno Site Last Seen: 1 mile Image: Site Last Seen: 2006-07-25 Quad Summary: Fresno Site Last Seen: 1 mile Image: Site Last Seen: 2006-07-25 Quad Summary: Fresno Accuracy: 1 mile Image: Site Last Seen: 1 mile UTM: Zone-11 N4074142 E246138 Elevation (ft): PLSS: 0.0 Iccation: Decided Location: Eleotocation: FRESNO; 4 MILES NORTH OF RAILROAD STATION ALONG SOUTHERN PACIFIC RIGHT-OF-WAY. Decided Location: Stoutpace Study	General:							
Occ. Rank: None Presence: Extipated Site Last Seen: 1898-04-23 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2006-07-25 Quad Summary: Fresno Fresno Accuracy: 1 mile 2006-07-25 Quad Summary: Fresno Accuracy: 1 mile 2006-07-25 Quad Summary: Fresno Accuracy: 1 mile 2006-07-25 Quad Summary: Fresno Accuracy: 1 mile 2006-07-25 Quad Summary: Fresno Accuracy: 1 mile 2006-07-25 Lat/Long: 36,77910 / -119,8440 Accuracy: 1 mile 2006-07-25 UTM: Zone-11 N4074142 E246138 E16 Accuracy: 1 mile 2006-07-25 Location: FRESNO; 4 MILES NORTH OF RAILROAD STATION ALONG SOUTHERN PACIFIC RIGHT-OF-WAY. 2006-07-25 General: TYPE LOCALITY: COLLECTED BY BAILEY 23 SEP 1891; U. S. BIOLOGICAL SURVEY COLLECTIONS (BSC) #34843/43823. 34503-300 Occ.reank: <td< th=""><th>Owner/Manager:</th><th>PVT</th><th></th><th></th><th></th><th></th><th></th><th></th></td<>	Owner/Manager:	PVT						
Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2006-07-25 Quad Summary: Fresno Fresno Accuracy: 1 mile 2006-07-25 Lat/Long: 36.77910 / -119.84460 Accuracy: 1 mile 1 2006-07-25 Lat/Long: 36.77910 / -119.84460 Accuracy: 1 mile 2006-07-25 Lat/Long: 7195, R19E, Sec. 25 (M) Acres: 0.0 2006-07-25 Detailed Location: FRESNO; 4 MILES NORTH OF RAILROAD STATION ALONG SOUTHERN PACIFIC RIGHT-OF-WAY. Detailed Location: 2006-07-25 General: AREA COMPLETELY DEVELOPED. SIGOLOGICAL SURVEY COLLECTIONS (BSC) #34843/43823. 7498 (MVZ #19064-19067 COMPLETE SULLS & STUDY SKINS). Owner/Manager: PVT Elevation (MVZ #19064-19067 COMPLETE SULLS & STUDY SKINS). 7984 (MVZ #19064-19067 COMPLETE SULLS & STUDY SKINS).	Occurrence No.	15	Map Index: 14593	EO Index:	23963		Element Last Seen:	1898-04-23
Cound Summary: Fresno North (3611977) Cound Summary: Fresno Lat/Long: 36.77910 / -119.84460 Accuracy: 1 mile Lat/Long: 36.77910 / -119.84460 Accuracy: 1 mile UTM: Zone-11 N4074142 E246138 Elevation (ft): PLSS: T13S, R19E, Sec. 25 (M) Acres: 0.0 Location: FRESNO; 4 MILES NORTH OF RAILROAD STATION ALONG SOUTHERN PACIFIC RIGHT-OF-WAY. Detailed Location: Ecological: AREA COMPLETELY DEVELOPED. General: TYPE LOCALITY. COLLECTED BY BAILEY 23 SEP 1891; U. S. BIOLOGICAL SURVEY COLLECTIONS (BSC) #34843/43823. ALSO COLLECTED FROM "FRESNO" BY C.P. STREATOR 22-23 APRIL 1898 (MVZ #19064-19067 COMPLETE SKULLS & STUDY SKINS). Owner/Manager: PVT Occurrence No. 20 Map Index: 65385 EO Index: 65464 Element Last Seen: 1934-03-10 Occ. Rank: Unknown Presence: Presumed Extant Site Last Seen: 1934-03-10 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2006-07-25 Quad Summary: Fresno Lat/Long: 36.72527 / -120.08752 Accuracy: 1 mile UTM:	Occ. Rank:	None		Presence:	Extirpated		Site Last Seen:	1898-04-23
County Summary: Fresno Lat/Long: 36.77910 / -119.84460 Accuracy: 1 mile UTM: Zone-11 N4074142 E246138 Elevation (ft): PLSS: T13S, R19E, Sec. 25 (M) Acres: 0.0 Location: FRESNO; 4 MILES NORTH OF RAILROAD STATION ALONG SOUTHERN PACIFIC RIGHT-OF-WAY. Detailed Location: FRESNO; 4 MILES NORTH OF RAILROAD STATION ALONG SOUTHERN PACIFIC RIGHT-OF-WAY. Detailed Location: FRESNO; 4 MILES NORTH OF RAILROAD STATION ALONG SOUTHERN PACIFIC RIGHT-OF-WAY. Detailed Location: FRESNO; 4 MILES NORTH OF RAILROAD STATION ALONG SOUTHERN PACIFIC RIGHT-OF-WAY. Detailed Location: AREA COMPLETELY DEVELOPED. General: TYPE LOCALITY. COLLECTED BY BAILEY 23 SEP 1891; U. S. BIOLOGICAL SURVEY COLLECTIONS (BSC) #34843/43823. ALSO COLLECTED FROM 'FRESNO' BY C.P. STREATOR 22-23 APRIL 1898 (MVZ #19064-19067 COMPLETE SKULLS & STUDY SKINS). Owmer/Manager: PVT Occurrence No. 20 Map Index: 65385 EO Index: 65464 Element Last Seen: 1934-03-10 Occ. Rank: Unknown Presence: Presumed Extant Record Last Updated: 2006-07-25 Quad Summary: Kerman (3612061) County Summary: Fresno<	Осс. Туре:	Natural/Native	occurrence	Trend:	Unknown		Record Last Updated:	2006-07-25
Lat/Long: 36.77910 / -119.84460 Accuracy: 1 mile Lat/Long: 2one-11 N4074142 E246138 Elevation (ft): PLSS: T13S, R19E, Sec. 25 (M) Acres: 0.0 Location: FRESNO; 4 MILES NORTH OF RAILROAD STATION ALONG SOUTHERN PACIFIC RIGHT-OF-WAY. Detailed Location: FRESNO; 4 MILES NORTH OF RAILROAD STATION ALONG SOUTHERN PACIFIC RIGHT-OF-WAY. Detailed Location: FRESNO; 4 MILES NORTH OF RAILROAD STATION ALONG SOUTHERN PACIFIC RIGHT-OF-WAY. Detailed Location: FRESNO; 4 MILES NORTH OF RAILROAD STATION ALONG SOUTHERN PACIFIC RIGHT-OF-WAY. Detailed Location: FRESNO; 4 MILES NORTH OF RAILROAD STATION ALONG SOUTHERN PACIFIC RIGHT-OF-WAY. Detailed Location: AREA COMPLETELY DEVELOPED. General: ATSO COLLECTED BY BAILEY 23 SEP 1891; U. S. BIOLOGICAL SURVEY COLLECTIONS (BSC) #34843/43823. ALSO COLLECTED FROM "FRESNO" BY C.P. STREATOR 22-23 APRIL 1898 (MVZ #19064-19067 COMPLETE SKULLS & STUDY SKINS). Owner/Manager: PVT Occurrence No. 20 Map Index: 65385 EO Index: 65464 Element Last Seen: 1934-03-10 Occ. Rank: Unknown Presence: Presumed Extant Site Last Seen: 1934-03-10 Occ. Type: Natural/Native occurrence Tend:	Quad Summary:	Fresno North	(3611977)					
UTM: Zone-11 N4074142 E246138 Elevation (ft): PLSS: T13S, R19E, Sec. 25 (M) Acres: 0.0 Location: FRESN0; 4 MILES NORTH OF RAILROAD STATION ALONG SOUTHERN PACIFIC RIGHT-OF-WAY. Detailed Location: FRESN0; 4 MILES NORTH OF RAILROAD STATION ALONG SOUTHERN PACIFIC RIGHT-OF-WAY. Detailed Location: AREA COMPLETELY DEVELOPED. General: TYPE LOCALITY, COLLECTED BY BAILEY 23 SEP 1891; U. S. BIOLOGICAL SURVEY COLLECTIONS (BSC) #34843/43823. ALSO COLLECTED FROM "FRESNO" BY C.P. STREATOR 22-23 APRIL 1898 (MVZ #19064-19067 COMPLETE SKULLS & STUDY SKINS). Owner/Manager: PVT Occurrence No. 20 Map Index: 65385 EO Index: 65464 Element Last Seen: 1934-03-10 Occ. Rank: Unknown Presence: Presumed Extant Site Last Seen: 1934-03-10 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2006-07-25 Quad Summary: Kerman (3612061) Elevation (ft): 200 200 PISS: 1 mile UTM: Zone-10 N4068351 E760102 Elevation (ft): 200 200 PISS: 145, R17E, Sec. 11 (M) Acres: 0.0 Imile Imile<	County Summary:	Fresno						
PLSS: T13S, R19E, Sec. 25 (M) Acres: 0.0 Location: FRESNO; 4 MILES NORTH OF RAILROAD STATION ALONG SOUTHERN PACIFIC RIGHT-OF-WAY. Detailed Location: FRESNO; 4 MILES NORTH OF RAILROAD STATION ALONG SOUTHERN PACIFIC RIGHT-OF-WAY. Detailed Location: AREA COMPLETELY DEVELOPED. General: TYPE LOCALITY. COLLECTED BY BAILEY 23 SEP 1891; U. S. BIOLOGICAL SURVEY COLLECTIONS (BSC) #34843/43823. ALSO COLLECTED FROM "FRESNO" BY C.P. STREATOR 22-23 APRIL 1898 (MVZ #19064-19067 COMPLETE SKULLS & STUDY SKINS). Owner/Manager: PVT Element Last Seen: 1934-03-10 Occ. Rank: Unknown Presence: Presumed Extant Site Last Seen: 1934-03-10 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2006-07-25 Quad Summary: Kerman (3612061) Accuracy: 1 mile 1 County Summary: Fresno Accuracy: 1 mile I UTM: Zone-10 N4068351 E760102 Elevation (ft): 200 Elevation (ft): 200 I Location: 0.5 TO 1.5 MILES WEST OF KERMAN. Acres: 0.0 I I General: SDNHM #17703 COLLECTED 6 OCT 1933. #18683-18685 COLLECTED 6 OCT & 22 NUV 1933. #18689 COLL	Lat/Long:	36.77910 / -11	9.84460			Accuracy:	1 mile	
Location: FRESNO; 4 MILES NORTH OF RAILROAD STATION ALONG SOUTHERN PACIFIC RIGHT-OF-WAY. Detailed Location: Ecological: AREA COMPLETELY DEVELOPED. General: TYPE LOCALITY. COLLECTED BY BAILEY 23 SEP 1891; U. S. BIOLOGICAL SURVEY COLLECTIONS (BSC) #34843/43823. ALSO COLLECTED FROM "FRESNO" BY C.P. STREATOR 22-23 APRIL 1898 (MVZ #19064-19067 COMPLETE SKULLS & STUDY SKINS). Owner/Manager: PVT Occurrence No. 20 Map Index: 65385 EO Index: 65464 Element Last Seen: 1934-03-10 Occ. Rank: Unknown Presence: Presumed Extant Site Last Seen: 1934-03-10 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2006-07-25 Quad Summary: Kerman (3612061) County Summary: Fresno 200 PLSS: 1 mile UTM: Zone-10 N4068351 E760102 Elevation (ft): 200 200 PLSS: 1 mile UTM: Zone-10 N4068351 E760102 Elevation (ft): 200 200 Elevation (ft): 200 Location: 0.5 TO 1.5 MILES WEST OF KERMAN. Accuracy: 1 mile Elevation (ft): 200 Ecological: SDNHM #17703 COLLECTED 6 OCT 193	UTM:	Zone-11 N407	4142 E246138			Elevation (ft):		
Detailed Location: AREA COMPLETELY DEVELOPED. General: TYPE LOCALITY. COLLECTED BY BAILEY 23 SEP 1891; U. S. BIOLOGICAL SURVEY COLLECTIONS (BSC) #3484/343823. ALSO COLLECTED FROM "FRESNO" BY C.P. STREATOR 22-23 APRIL 1898 (MVZ #19064-19067 COMPLETE SKULLS & STUDY SKINS). Owner/Manager: PVT Occurrence No. 20 Map Index: 65385 EO Index: 65464 Element Last Seen: 1934-03-10 Occ. Rank: Unknown Presence: Presumed Extant Site Last Seen: 1934-03-10 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2006-07-25 Quad Summary: Fresno Kerman (3612061) 1 Presence: I mile T Lat/Long: 36.72527 / -120.08752 Accuracy: 1 mile 1 mile UTM: 20n-10 N4068351 E760102 Elevation (ft): 200 200 PLSS: T14S, R17E, Sec. 11 (M) Acres: 0.0 Elevation (ft): 200 Detailed Location: 5 SDNHM SPECIMENS (3 MALES & 2 FEMALES) COLLECTED FO 1.5 TO 1.5 MILES WEST OF KERMAN. Stel Last Seen CLECTED SE VEST OF KERMAN. Ecological: General: SDNHM #17703 COLLECTED 6 OCT 1933. #18683-18685 COLLECTED 6 OCT & 22 NU + 1933. #1868	PLSS:	T13S, R19E, S	Sec. 25 (M)			Acres:	0.0	
Ecological: AREA COMPLETELY DEVELOPED. General: TYPE LOCALITY. COLLECTED BY BAILEY 23 SEP 1891; U. S. BIOLOGICAL SURVEY COLLECTIONS (BSC) #34843/43823. ALSO COLLECTED FROM "FRESNO" BY C.P. STREATOR 22-23 APRIL 1898 (MVZ #19067 COMPLETE SKULLS & STUDY SKINS). Owner/Manager: PVT Occurrence No. 20 Map Index: 65385 EO Index: 65464 Element Last Seen: 1934-03-10 Occ. Rank: Unknown Presence: Presumed Extant Site Last Seen: 1934-03-10 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2006-07-25 Quad Summary: Kerman (3612061) Elevation (ft): 200 Elevation (ft): 200 County Summary: Fresno Elevation (ft): 200 Elevation (ft): 200 Lat/Long: 36.72527 / -120.08752 Accuracy: 1 mile Imile UTN: Zone-10 N4068351 E760102 Elevation (ft): 200 Elevation (ft): 200 PLSS: T14S, R17E, Sec. 11 (M) Acres: 0.0 Occures: 0.0 Imile Location: 5 SDNHM SPECIMENS (3 MALES & 2 FEMALES) COLLECTED FROM 0.5 TO 1.5 MILES WEST OF KERMAN. Ecological:	Location:	FRESNO; 4 M	IILES NORTH OF RAILRO	AD STATION A	LONG SOUT	HERN PACIFIC RI	GHT-OF-WAY.	
General: TYPE LOCALITY. COLLECTED BY BAILEY 23 SEP 1891; U. S. BIOLOGICAL SURVEY COLLECTIONS (BSC) #34843/43823. ALSO COLLECTED FROM "FRESNO" BY C.P. STREATOR 22-23 APRIL 1898 (MVZ #19064-19067 COMPLETE SKULLS & STUDY SKINS). Owner/Manager: PVT Occ. rank: Unknown Presence: Presumed Extant Site Last Seen: 1934-03-10 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2006-07-25 Quad Summary: Kerman (3612061) County Summary: Fresno Accuracy: 1 mile 1 mile UTM: Zone-10 N4068351 E760102 Accuracy: 1 mile 0.0 Acres: 0.0 Location: 0.5 TO 1.5 MILES WEST OF KERMAN. Acres: 0.0 Stor KERMAN. Ecological: General: SDNHM #17703 COLLECTED 6 OCT 1933. #18683-18685 COLLECTED F OM 0.5 TO 1.5 MILES WEST OF KERMAN. Event 1838 MALE COLLECTIONS BY A. E. CULBERTSON. UNKERTER VISION VIS	Detailed Location:							
ALSO COLLECTED FROM "FRESNO" BY C.P. STREATOR 22-23 APRIL 1898 (MVZ #19064-19067 COMPLETE SKULLS & STUDY SKINS). Owner/Manage: PVT Occurrence No. 20 Map Index: 65385 EO Index: 65464 Element Last Seen: 1934-03-10 Occ. Rank: Unknown Presence: Presumed Extant Site Last Seen: 1934-03-10 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2006-07-25 Quad Summary: Kerman (3612061) E E E E E E County Summary: Fresno Kerman (3612061) Accuracy: 1 mile 1 mile UTM: Zone-10 N4068351 E760102 E Elevation (ft): 200 Elevation (ft): 200 PLSS: T14S, R17E, Sec. 11 (M) Acres: 0.0 Elevation (ft): 200 Location: 0.5 TO 1.5 MILES WEST OF KERMAN. Record Last Updated SUB (S MALES & 2 FEMALES) COLLECTED FROM 0.5 TO 1.5 MILES WEST OF KERMAN. Ecological: General: SDNHM #17703 COLLECTED 6 OCT 1933. #18683-18685 COLLECTED 6 OCT & 22 NOV 1933. #18689 COLLECTED 20 MAR	Ecological:	AREA COMPL	_ETELY DEVELOPED.					
Occurrence No. 20 Map Index: 65385 EO Index: 65464 Element Last Seen: 1934-03-10 Occ. Rank: Unknown Presence: Presumed Extant Site Last Seen: 1934-03-10 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2006-07-25 Quad Summary: Kerman (3612061) Trend: Unknown Record Last Updated: 2006-07-25 County Summary: Fresno Fresno Accuracy:: 1 mile 1 Lat/Long: 36.72527 / -120.08752 Accuracy:: 1 mile 1 1 UTM: Zone-10 N4068351 E760102 Elevation (ft): 200 1 1 PLSS: T14S, R17E, Sec. 11 (M) Acres: 0.0 1 1 Location: 0.5 TO 1.5 MILES WEST OF KERMAN. Acres: 0.0 1 1 Ecological: 5 SDNHM SPECIMENS (3 MALES & 2 FEMALES) COLLECTED F ROM 0.5 TO 1.5 MILES WEST OF KERMAN. Ecological: 1 1 General: SDNHM #17703 COLLECTED 6 OCT 1933. #18683-18685 COLLECTED 6 OCT & 22 NOV 1933. #18689 COLLECTE	General:	ALSO COLLE						
Occ. Rank: Unknown Presence: Presumed Extant Site Last Seen: 1934-03-10 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2006-07-25 Quad Summary: Kerman (3612061) Fresno Image: Accuracy: 1 mile Image: Stele Last Seen: 1934-03-10 Lat/Long: Kerman (3612061) Kerman (3612061) Image: Accuracy: 1 mile Image: Stele Last Seen: 1934-03-10 Lat/Long: Kerman (3612061) Accuracy: 1 mile Image: Image: <thimage:< th=""> <thimage:< th=""> Image:</thimage:<></thimage:<>	Owner/Manager:	PVT						
Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2006-07-25 Quad Summary: Kerman (3612061)	Occurrence No.	20	Map Index: 65385	EO Index:	65464		Element Last Seen:	1934-03-10
Quad Summary: Kerman (3612061) County Summary: Fresno Lat/Long: 36.72527 / -120.08752 Accuracy: 1 mile UTM: Zone-10 N4068351 E760102 Elevation (ft): 200 PLSS: T14S, R17E, Sec. 11 (M) Acres: 0.0 Location: 0.5 TO 1.5 MILES WEST OF KERMAN. Detailed Location: 5 SDNHM SPECIMENS (3 MALES & 2 FEMALES) COLLECTED FROM 0.5 TO 1.5 MILES WEST OF KERMAN. Ecological: General: SDNHM #17703 COLLECTED 6 OCT 1933. #18683-18685 COLLECTED 6 OCT & 22 NOV 1933. #18689 COLLECTED 20 MAR 1934. ALL COLLECTIONS BY A. E. CULBERTSON.	Occ. Rank:	Unknown		Presence:	Presumed E	Extant	Site Last Seen:	1934-03-10
County Summary: Fresno Lat/Long: 36.72527 / 120.08752 Accuracy: 1 mile UTM: Zone-10 N4068351 E760102 Elevation (ft): 200 PLSS: T14S, R17E, Sec. 11 (M) Acres: 0.0 Location: 0.5 TO 1.5 MILES WEST OF KERMAN. Detailed Location: 5 SDNHM SPECIMENS (3 MALES & 2 FEMALES) COLLECTED FROM 0.5 TO 1.5 MILES WEST OF KERMAN. Ecological: General: SDNHM #17703 COLLECTED 6 OCT 1933. #18683-18685 COLLECTED 6 OCT & 22 NUV 1933. #18689 COLLECTED 20 MAR	Осс. Туре:	Natural/Native	occurrence	Trend:	Unknown		Record Last Updated:	2006-07-25
Lat/Long: 36.72527 / -120.08752 Accuracy: 1 mile UTM: Zone-10 N4068351 E760102 Elevation (ft): 200 PLSS: T14S, R17E, Sec. 11 (M) Acres: 0.0 Location: 0.5 TO 1.5 MILES WEST OF KERMAN. Detailed Location: 5 SDNHM SPECIMENS (3 MALES & 2 FEMALES) COLLECTED FROM 0.5 TO 1.5 MILES WEST OF KERMAN. Ecological: General: SDNHM #17703 COLLECTED 6 OCT 1933. #18683-18685 COLLECTED 6 OCT & 22 NOV 1933. #18689 COLLECTED 20 MAR	Quad Summary:	Kerman (3612	061)					
UTM: Zone-10 N4068351 E760102 Elevation (ft): 200 PLSS: T14S, R17E, Sec. 11 (M) Acres: 0.0 Location: 0.5 TO 1.5 MILES WEST OF KERMAN. O.5 SDNHM SPECIMENS (3 MALES & 2 FEMALES) COLLECTED FROM 0.5 TO 1.5 MILES WEST OF KERMAN. Ecological: SDNHM #17703 COLLECTED 6 OCT 1933. #18683-18685 COLLECTED 6 OCT & 22 NOV 1933. #18689 COLLECTED 20 MAR 1934. ALL COLLECTIONS BY A. E. CULBERTSON.	County Summary:	Fresno						
PLSS:T14S, R17E, Sec. 11 (M)Acres:0.0Location:0.5 TO 1.5 MILES WEST OF KERMAN.Detailed Location:5 SDNHM SPECIMENS (3 MALES & 2 FEMALES) COLLECTED FROM 0.5 TO 1.5 MILES WEST OF KERMAN.Ecological:General:SDNHM #17703 COLLECTED 6 OCT 1933. #18683-18685 COLLECTED 6 OCT & 22 NOV 1933. #18689 COLLECTED 20 MAR 1934. ALL COLLECTIONS BY A. E. CULBERTSON.	Lat/Long:	36.72527 / -12	20.08752			Accuracy:	1 mile	
Location: 0.5 TO 1.5 MILES WEST OF KERMAN. Detailed Location: 5 SDNHM SPECIMENS (3 MALES & 2 FEMALES) COLLECTED FROM 0.5 TO 1.5 MILES WEST OF KERMAN. Ecological: General: SDNHM #17703 COLLECTED 6 OCT 1933. #18683-18685 COLLECTED 6 OCT & 22 NOV 1933. #18689 COLLECTED 20 MAR 1934. ALL COLLECTIONS BY A. E. CULBERTSON.	UTM:	Zone-10 N406	8351 E760102			Elevation (ft):	200	
Detailed Location: 5 SDNHM SPECIMENS (3 MALES & 2 FEMALES) COLLECTED FROM 0.5 TO 1.5 MILES WEST OF KERMAN. Ecological: General: SDNHM #17703 COLLECTED 6 OCT 1933. #18683-18685 COLLECTED 6 OCT & 22 NOV 1933. #18689 COLLECTED 20 MAR 1934. ALL COLLECTIONS BY A. E. CULBERTSON.	PLSS:	T14S, R17E, S	Sec. 11 (M)			Acres:	0.0	
Ecological:General:SDNHM #17703 COLLECTED 6 OCT 1933. #18683-18685 COLLECTED 6 OCT & 22 NOV 1933. #18689 COLLECTED 20 MAR 1934. ALL COLLECTIONS BY A. E. CULBERTSON.	Location:	0.5 TO 1.5 MI	LES WEST OF KERMAN.					
General:SDNHM #17703 COLLECTED 6 OCT 1933. #18683-18685 COLLECTED 6 OCT & 22 NOV 1933. #18689 COLLECTED 20 MAR 1934. ALL COLLECTIONS BY A. E. CULBERTSON.	Detailed Location:	5 SDNHM SPI	ECIMENS (3 MALES & 2 F	EMALES) COL	LECTED FRC	0M 0.5 TO 1.5 MILE	ES WEST OF KERMAN.	
1934. ALL COLLECTIONS BY A. E. CULBERTSON.	Ecological:							
	General:				685 COLLECT	ED 6 OCT & 22 N	OV 1933. #18689 COLLECTE	D 20 MAR
-	Owner/Manager:							



California Department of Fish and Wildlife



Occurrence No.	21	Map Index: 65399	EO Index:	65478	Element Last Seen:	1934-06-25
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1934-06-25
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown	Record Last Updated:	2006-07-26
Quad Summary:	Kerman (3	612061), Jamesan (3612062))			
County Summary:	Fresno					
.at/Long:	36.72730 /	-120.14334		Accuracy:	1 mile	
JTM:	Zone-10 N	4068427 E755108		Elevation (f): 200	
PLSS:	T14S, R17	E, Sec. 08 (M)		Acres:	0.0	
ocation:	5 MILES W	/EST OF KERMAN.				
Detailed Location:						
Ecological:						
General:	SDNHM #1	18686 COLLECTED 17 FEB	1934 & #18690 (COLLECTED 25 JUN 1934. E	OTH COLLECTIONS BY A. E. C	ULBERTSON
Owner/Manager:	UNKNOWI	N				
/ulpes macroti	s mutica				Element Code: AMA	JA03041
-	Smallou					
San Joaquin kit fo						
San Joaquin kit fo	х	Endangered		CNDDB Element I	Ranks: Global: G4T2	
	х	Endangered Threatened		CNDDB Element I	Ranks: Global: G4T2 State: S2	
	Federal:	•		CNDDB Element I		
	Federal: State:	Threatened	R GRASSY OPE			
Listing Status:	ox Federal: State: Other:	Threatened ANNUAL GRASSLANDS O			State: S2 RED SHRUBBY VEGETATION.	
Listing Status: Habitat:	ox Federal: State: Other: General:	Threatened ANNUAL GRASSLANDS O		EN STAGES WITH SCATTER	State: S2 RED SHRUBBY VEGETATION.	1993-05-05
Listing Status: Habitat:	Federal: State: Other: General: Micro:	Threatened ANNUAL GRASSLANDS O NEED LOOSE-TEXTURED	SANDY SOILS	EN STAGES WITH SCATTER FOR BURROWING, AND SU	State: S2 RED SHRUBBY VEGETATION. JITABLE PREY BASE.	1993-05-05 1993-05-05
Listing Status: Habitat: Decurrence No. Dec. Rank:	Federal: State: Other: General: Micro: 89 Unknown	Threatened ANNUAL GRASSLANDS O NEED LOOSE-TEXTURED	SANDY SOILS EO Index:	EN STAGES WITH SCATTER FOR BURROWING, AND SU 53873	State: S2 RED SHRUBBY VEGETATION. JITABLE PREY BASE. Element Last Seen:	
Listing Status: Habitat: Dccurrence No. Dcc. Rank: Dcc. Type:	Federal: State: Other: General: Micro: 89 Unknown	Threatened ANNUAL GRASSLANDS O NEED LOOSE-TEXTURED Map Index: 53873 tive occurrence	EO Index: Presence:	EN STAGES WITH SCATTER FOR BURROWING, AND SU 53873 Presumed Extant	State: S2 RED SHRUBBY VEGETATION. UITABLE PREY BASE. Element Last Seen: Site Last Seen:	1993-05-05
Listing Status: Habitat: Deccurrence No. Decc. Rank: Decc. Type: Quad Summary:	Federal: State: Other: General: Micro: 89 Unknown Natural/Na	Threatened ANNUAL GRASSLANDS O NEED LOOSE-TEXTURED Map Index: 53873 tive occurrence	EO Index: Presence:	EN STAGES WITH SCATTER FOR BURROWING, AND SU 53873 Presumed Extant	State: S2 RED SHRUBBY VEGETATION. UITABLE PREY BASE. Element Last Seen: Site Last Seen:	1993-05-05
Listing Status: Habitat: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary:	DX Federal: State: Other: General: Micro: 89 Unknown Natural/Na Herndon (3 Fresno	Threatened ANNUAL GRASSLANDS O NEED LOOSE-TEXTURED Map Index: 53873 tive occurrence	EO Index: Presence:	EN STAGES WITH SCATTER FOR BURROWING, AND SU 53873 Presumed Extant	State: S2 RED SHRUBBY VEGETATION. UITABLE PREY BASE. Element Last Seen: Site Last Seen:	1993-05-05
Listing Status: Habitat: Deccurrence No. Decc. Rank: Decc. Type: Quad Summary: County Summary: at/Long:	DX Federal: State: Other: General: Micro: 89 Unknown Natural/Na Herndon (3 Fresno 36.82028 /	Threatened ANNUAL GRASSLANDS O NEED LOOSE-TEXTURED Map Index: 53873 tive occurrence 3611978)	EO Index: Presence:	EN STAGES WITH SCATTER FOR BURROWING, AND SU 53873 Presumed Extant Unknown	State: S2 RED SHRUBBY VEGETATION. UTABLE PREY BASE. Element Last Seen: Site Last Seen: Record Last Updated: nonspecific area	1993-05-05
Listing Status: Habitat: Deccurrence No. Decc. Rank: Decc. Type: Quad Summary: County Summary: at/Long: JTM:	DX Federal: State: Other: General: Micro: 89 Unknown Natural/Na Herndon (3 Fresno 36.82028 / Zone-11 N	Threatened ANNUAL GRASSLANDS O NEED LOOSE-TEXTURED Map Index: 53873 tive occurrence 3611978) -119.90199	EO Index: Presence:	EN STAGES WITH SCATTER FOR BURROWING, AND SU 53873 Presumed Extant Unknown Accuracy:	State: S2 RED SHRUBBY VEGETATION. UTABLE PREY BASE. Element Last Seen: Site Last Seen: Record Last Updated: nonspecific area	1993-05-05
Listing Status: Habitat: Deccurrence No. Decc. Rank: Decc. Type: Duad Summary: County Summary: County Summary: Dat/Long: DTM: PLSS:	DX Federal: State: Other: General: Micro: 89 Unknown Natural/Na Herndon (3 Fresno 36.82028 / Zone-11 N T13S, R19	Threatened ANNUAL GRASSLANDS O NEED LOOSE-TEXTURED Map Index: 53873 tive occurrence 3611978) -119.90199 4078866 E241153 E, Sec. 09, NE (M)	EO Index: Presence: Trend:	EN STAGES WITH SCATTER FOR BURROWING, AND SU 53873 Presumed Extant Unknown Accuracy: Elevation (ff Acres:	State: S2 RED SHRUBBY VEGETATION. UTABLE PREY BASE. Element Last Seen: Site Last Seen: Record Last Updated: nonspecific area): 302	1993-05-05 2004-01-09
Listing Status: Habitat: Deccurrence No. Dec. Rank: Decc. Type: Quad Summary: County Summary: County Summary: Det S: Deccion:	DX Federal: State: Other: General: Micro: 89 Unknown Natural/Na Herndon (3 Fresno 36.82028 / Zone-11 N T13S, R19	Threatened ANNUAL GRASSLANDS O NEED LOOSE-TEXTURED Map Index: 53873 tive occurrence 3611978) -119.90199 4078866 E241153 E, Sec. 09, NE (M)	EO Index: Presence: Trend:	EN STAGES WITH SCATTER FOR BURROWING, AND SU 53873 Presumed Extant Unknown Accuracy: Elevation (ff Acres:	State: S2 RED SHRUBBY VEGETATION. UTABLE PREY BASE. Element Last Seen: Site Last Seen: Record Last Updated: nonspecific area): 302 29.5	1993-05-05 2004-01-09
Listing Status: Habitat: Doccurrence No. Doc. Rank: Docc. Type: Quad Summary: County Summary: County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location:	DX Federal: State: Other: General: Micro: 89 Unknown Natural/Na Herndon (3 Fresno 36.82028 / Zone-11 N T13S, R19 HERNDON	Threatened ANNUAL GRASSLANDS O NEED LOOSE-TEXTURED Map Index: 53873 tive occurrence 3611978) -119.90199 4078866 E241153 E, Sec. 09, NE (M) I, ABOUT 1 MI SE OF GRAN	EO Index: Presence: Trend:	EN STAGES WITH SCATTER FOR BURROWING, AND SU 53873 Presumed Extant Unknown Accuracy: Elevation (ff Acres: IT ON HIGHWAY 99 (EAST VAY; LIGHT INDUSTRIAL DE	State: S2 RED SHRUBBY VEGETATION. UTABLE PREY BASE. Element Last Seen: Site Last Seen: Record Last Updated: nonspecific area): 302 29.5	1993-05-05 2004-01-09
Listing Status:	DX Federal: State: Other: General: Micro: 89 Unknown Natural/Na Herndon (3 Fresno 36.82028 / Zone-11 N T13S, R19 HERNDON FALLOW L HIGHWAY	Threatened ANNUAL GRASSLANDS O NEED LOOSE-TEXTURED Map Index: 53873 tive occurrence 3611978) -119.90199 4078866 E241153 E, Sec. 09, NE (M) I, ABOUT 1 MI SE OF GRAN AND ADJACENT TO EAST 3	EO Index: Presence: Trend: ITLAND AVE EX	EN STAGES WITH SCATTER FOR BURROWING, AND SU 53873 Presumed Extant Unknown Accuracy: Elevation (ff Acres: IT ON HIGHWAY 99 (EAST VAY; LIGHT INDUSTRIAL DE	State: S2 RED SHRUBBY VEGETATION. DITABLE PREY BASE. Element Last Seen: Site Last Seen: Record Last Updated: nonspecific area): 302 29.5 EDGE OF NORTHBOUND LANE	1993-05-05 2004-01-09



California Department of Fish and Wildlife

California Natural Diversity Database



VERSIT							_
Occurrence No.	1077	Map Index: 68295	EO Index:	68450		Element Last Seen:	1975-07-XX
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	1975-07-XX
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2007-02-28
Quad Summary:	Raisin (3611	958)					
County Summary:	Fresno						
Lat/Long:	36.54786 / -1	19.99348			Accuracy:	2/5 mile	
UTM:	Zone-11 N40	048888 E232047			Elevation (ft):	200	
PLSS:	T16S, R18E,	Sec. 10 (M)			Acres:	0.0	
Location:	ABOUT 6.4 M & KAMM AV		. Along Jame	ESAN AVE, AB	OUT 1 MILE N OF	THE INTERSECTION OF JA	MESAN AVE
Detailed Location:							
Ecological:							
General:	DEN OBSER	RVED SOMETIME FROM 19	72 THROUGH	JUL 1975.			
Owner/Manager:	UNKNOWN						
Occurrence No.	1113	Map Index: 64361	EO Index:	70600		Element Last Seen:	199X-XX-XX
Occ. Rank:	Unknown	•	Presence:	Presumed E	xtant	Site Last Seen:	199X-XX-XX
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2007-08-22
Quad Summary:	Friant (36119	986)					
County Summary:	Fresno, Mad						
Lat/Long:	36.98663 / -1	19 70939			Accuracy:	2/5 mile	
UTM:		96821 E258861			Elevation (ft):	410	
PLSS:	T11S, R21E,				Acres:	0.0	
Location:	VICINITY OF	FRIANT.					
Detailed Location:		GIVEN ONLY AS "FRIANT"					
Ecological:							
General:	ONE KIT FO	X SIGHTED SOMETIME IN	THE EARLY 1	990'S BY DALE	E MITCHELL (DFG	a).	
Owner/Manager:	UNKNOWN						
Occurrence No.	1115	Map Index: 69792	EO Index:	70606		Element Last Seen:	198X-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	198X-XX-XX
Occ. Type:		e occurrence	Trend:	Unknown		Record Last Updated:	2007-08-23
Quad Summary:	Sanger (361	1965)				•	
adda o'dinniar yr		1000)					
County Summary:	Fresno						
	•	19.55857			Accuracy:	1 mile	
County Summary: Lat/Long: UTM:	Fresno 36.70281 / -1	19.55857)64956 E271443			Accuracy: Elevation (ft):	1 mile 365	
Lat/Long:	Fresno 36.70281 / -1	064956 E271443			Accuracy: Elevation (ft): Acres:		
Lat/Long: UTM:	Fresno 36.70281 / -1 Zone-11 N40	064956 E271443			Elevation (ft):	365	
Lat/Long: UTM: PLSS:	Fresno 36.70281 / -1 Zone-11 N40 T14S, R22E, SANGER.	064956 E271443	и		Elevation (ft):	365	
Lat/Long: UTM: PLSS: Location:	Fresno 36.70281 / -1 Zone-11 N40 T14S, R22E, SANGER.	064956 E271443 Sec. 22 (M)	n		Elevation (ft):	365	
Lat/Long: UTM: PLSS: Location: Detailed Location:	Fresno 36.70281 / -1 Zone-11 N40 T14S, R22E, SANGER. LOCATION (064956 E271443 Sec. 22 (M)			Elevation (ft):	365	

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Commercial Version -- Dated September, 1 2019 -- Biogeographic Data Branch Report Printed on Wednesday, September 11, 2019





American badge	r					
Listing Status:	Federal:	None		CNDDB Element Rar	nks: Global: G5	
	State:	None			State: S3	
	Other:	CDFW_SSC-Species of Spe	ecial Concern, IL	JCN_LC-Least Concern		
Habitat:	General:	MOST ABUNDANT IN DRIE FRIABLE SOILS.	R OPEN STAG	ES OF MOST SHRUB, FORES	T, AND HERBACEOUS HABIT	ATS, WITH
	Micro:	NEEDS SUFFICIENT FOOD RODENTS. DIGS BURROW		LS AND OPEN, UNCULTIVATE	ED GROUND. PREYS ON BU	RROWING
Occurrence No.	79	Map Index: 56599	EO Index:	56615	Element Last Seen:	1988-04-12
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1988-04-12
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2004-09-07
Quad Summary:	Herndon (3611978)				
County Summary:	Fresno					
Lat/Long:	36.83704 /	/ -119.89058		Accuracy:	nonspecific area	
UTM:	Zone-11 N	14080696 E242228		Elevation (ft):	315	
PLSS:	T13S, R19	9E, Sec. 03, SW (M)		Acres:	19.6	
Location:	JUST WE	ST OF THE INTERSECTION	OF HERNDON /	AVE & THE SANTA FE RAILRC	AD TRACKS, FRESNO.	
Detailed Location:	SW 1/4 OF	F SW 1/4 SECTION 34; MAPP	ED ALONG RO	AD.		
Ecological:	FIG ORCH	HARD TO SOUTH AND PERM	IANENT PASTU	IRE, SMALL MARSH TO THE N	IORTH.	
General:	1 ADULT (OBSERVED (ROADKILL) ON	11, 12 APR 198	8.		
Owner/Manager:	UNKNOW	N				
Occurrence No.	80	Map Index: 56600	EO Index:	56616	Element Last Seen:	1987-08-27
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1987-08-27
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2004 00 02
Qued Summeru						2004-09-02
Quad Summary:	Clovis (36	11976)				2004-09-02
County Summary:	Clovis (36 [.] Fresno	11976)				2004-09-02
-	Fresno	11976) / -119.69158		Accuracy:	1/5 mile	2004-09-02
County Summary:	Fresno 36.78938 /			Accuracy: Elevation (ft):	1/5 mile 250	2004-09-02
County Summary: Lat/Long:	Fresno 36.78938 / Zone-11 N	/ -119.69158		•		2004-09-02
County Summary: Lat/Long: UTM:	Fresno 36.78938 / Zone-11 N T13S, R21	/ -119.69158 14074888 E259829	SOUTH CLOVIS	Elevation (ft): Acres:	250	2004-09-02
County Summary: Lat/Long: UTM: PLSS:	Fresno 36.78938 / Zone-11 N T13S, R21 SUNNYSII	/ -119.69158 4074888 E259829 E, Sec. 21 (M) DE AVE, TARPEY VILLAGE, S		Elevation (ft): Acres:	250 0.0	
County Summary: Lat/Long: UTM: PLSS: Location:	Fresno 36.78938 / Zone-11 N T13S, R21 SUNNYSII	/ -119.69158 4074888 E259829 E, Sec. 21 (M) DE AVE, TARPEY VILLAGE, S		Elevation (ft): Acres:	250 0.0	
County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Fresno 36.78938 / Zone-11 N T13S, R21 SUNNYSII DENNING	/ -119.69158 4074888 E259829 E, Sec. 21 (M) DE AVE, TARPEY VILLAGE, S		Elevation (ft): Acres:	250 0.0	



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California Natural Diversity Database



Occurrence No.	96	Map Index: 56645	EO Index:	56661	Element Last Seen:	1966-10-18
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1966-10-18
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2004-09-08
Quad Summary:	Little Table	Mtn. (3711917), Daulton (37	711918)			
County Summary:	Madera					
Lat/Long:	37.10452 / -	119.88432		Accuracy:	nonspecific area	
UTM:	Zone-11 N4	110361 E243686		Elevation (ft):	400	
PLSS:	T09S, R19E	, Sec. 34 (M)		Acres:	632.7	
Location:	NEAR FRES	SNO RIVER, SOUTH OF M	ENSLEY LAKE.			
Detailed Location:		GIVEN AS MENSLEY BRID D SECTION GIVEN.	DGE AT FRESNO	D RIVER - T9S R19E SECTION	I 34 - MAPPED ACCORDING	TO TOWNSHIP
Ecological:		ONSISTS OF NATIVE GRA	SSLAND NEAR	THE FRESNO RIVER.		
General:		ED DUSTING IN THE MIDD				
Owner/Manager:	UNKNOWN					
	222	Mon Index: 20000	EQ Indexe	57767	Element Lest Coort	
Occurrence No.	332 Unknown	Map Index: 32802	EO Index:	57767 Presumed Extant	Element Last Seen: Site Last Seen:	XXXX-XX-XX
Occ. Rank: Occ. Type:		ve occurrence	Presence: Trend:		Record Last Updated:	XXXX-XX-XX 2004-10-27
					•	2004-10-27
Quad Summary:		ke West (3711916), Little Ta	able Mtn. (37119	17), O'Neals (3711926), Knowle	es (3711927)	
County Summary:	Madera					
Lat/Long:	37.10284 / -			Accuracy:	nonspecific area	
UTM:		109788 E256732		Elevation (ft):	1200	
PLSS:	T09S, R20E			Acres:	4550.6	
Location:	SAN JOAQL	JIN EXPERIMENTAL RANG	GE; NORTHWES	T OF MILLERTON LAKE.		
Detailed Location:						
Ecological:						
General:		ND DUNCAN, 1973.				
Owner/Manager:	03F3-3AN	JOAQUIN EXP RANGE				
Occurrence No.	542	Map Index: A5148	EO Index:	106852	Element Last Seen:	2017-04-11
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2017-04-11
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2017-07-11
Quad Summary:	Lanes Bridg	e (3611987)				
County Summary:	Madera					
Lat/Long:	36.98141 / -	119.86631		Accuracy:	1/5 mile	
UTM:	Zone-11 N4	096650 E244875		Elevation (ft):	374	
PLSS:	T11S, R19E	, Sec. 14 (M)		Acres:	70.0	
Location:	NORTH OF	AVE 16 AND EAST OF AN	ACONDA RD, E	AST OF MADERA.		
Detailed Location:				Y SMITH RANCH TO THE NOI //ARKS) DETECTED NEAR -11		ARD.
Ecological:		ERRAIN WITH VERNAL PO		WARD DE LOTED NEAR -I	0.071012, 00.070004.	
General:	POSSIBLE I	BADGER SIGN (INACTIVE	BURROW WITH	I SCRATCH MARKS) OBSER	ED ON 2 MAY 2012. BADGEF	OBSERVED
Owner/Manager:	PVT	OGRAPHED ON 11 APR 20	J17.			
S mienmanayer.	1 V I					

Commercial Version -- Dated September, 1 2019 -- Biogeographic Data Branch

Report Printed on Wednesday, September 11, 2019





Emys marmora	ata				Elem	ent Code: ARA	AD02030
western pond tur	tle						
Listing Status:	Federal:	None		CNDDB Elem	ent Ranks: Globa	l: G3G4	
	State:	None			State:	S3	
	Other:	BLM_S-Sensitive, CDFW_S	SSC-Species of S	Special Concern, IUCN_	VU-Vulnerable, USFS	S_S-Sensitive	
Habitat:	General:	A THOROUGHLY AQUATION USUALLY WITH AQUATIC				D IRRIGATION D	DITCHES,
	Micro:	NEEDS BASKING SITES A KM FROM WATER FOR E		SANDY BANKS OR GR	ASSY OPEN FIELDS	6) UPLAND HAB	TAT UP TO 0.5
Occurrence No.	46	Map Index: 99147	EO Index:	2066	Elemer	nt Last Seen:	2015-07-09
Occ. Rank:	Poor		Presence:	Presumed Extant	Site La	st Seen:	2015-07-09
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Decreasing	Record	Last Updated:	2017-01-03
Quad Summary:	Millerton L	ake West (3711916)					
County Summary:	Madera						
Lat/Long:	37.09188	/ -119.72344		Accurac	cy: specific a	rea	
UTM:	Zone-11 N	V4108536 E257945		Elevatio	on (ft): 1200		
PLSS:	T10S, R21	1E, Sec. 06, N (M)		Acres:	32.0		
Location:		OF FOREST SERVICE HEAL ENTAL RANGE.	DQUARTERS AT	THE JUNCTION OF O	NEAL RD AND RD 8	063, SAN JOAQ	UIN
Detailed Location:		CIMEN LOCALITIES GIVEN . N. MAPPED TO LOCATIONS					ONS
Ecological:	~37.0918	E WOODLAND. SPECIES INT -119.7236, TOTALLY DRY JU IT PROPERTY (OCC#1265)					
General:	2013 (17 /	CTED, 1952. 2 OBSERVED, 1 ADULTS & 5 JUVS TOTAL, 2 APT/REL 9 JUL 2015.					
Owner/Manager:	USFS-SAI	N JOAQUIN EXP RANGE					
Occurrence No.	47	Map Index: 32803	EO Index:	4535	Elemer	t Last Seen:	XXXX-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site La	st Seen:	XXXX-XX-XX
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record	Last Updated:	1996-02-23
Quad Summary:	Millerton L	.ake West (3711916)					
County Summary:	Madera						
Lat/Long:	37.10093	/ -119.68211		Accurac	cy: specific a	rea	
UTM:		V4109435 E261647		Elevatio			
PLSS:	T09S, R21	1E (M)		Acres:	230.9		
Location:	WILLOW	CREEK AT ROAD 210, NOR		ON LAKE.			
Detailed Location:	WILLOW	CREEK CROSSES ROAD 21 WO POINTS.			N INCLUDES ALL OF	WILLOW CREE	K BETWEEN
Ecological:		-					
General:	COLLECT	TION BY R.W. HANSEN, DAT	E AND NUMBER	OF SPECIMENS UNK	NOWN.		



California Department of Fish and Wildlife



Occurrence No.	48	Map Index: 32804	EO Index:	5153		Element Last Seen:	XXXX-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	xxxx-xx-xx
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	1996-02-23
Quad Summary:	Millerton Lak	e West (3711916)					
County Summary:	Madera						
Lat/Long:	37.10694 / -1	19.64930			Accuracy:	specific area	
UTM:	Zone-11 N41	10020 E264583			Elevation (ft):	1000	
PLSS:	T09S, R21E,	Sec. 35 (M)			Acres:	114.4	
Location:	FINE GOLD	CREEK AT ROAD 210, NOR	TH OF MILLE	RTON LAKE.			
Detailed Location:		CREEK CROSSES ROAD 2 WEEN THOSE TWO POINT		TIONS, THE F	POLYGON INCLUE	DES THAT PORTION OF FIN	E GOLD
Ecological:							
General:	COLLECTED	D BY R.W. HANSEN, DATE A	AND NUMBER	S OF SPECIM	IENS UNKNOWN.		
Owner/Manager:	UNKNOWN						
Occurrence No.	366	Map Index: 72057	EO Index:	72980		Element Last Seen:	2004-03-10
Occ. Rank:	Unknown	····· P	Presence:	Presumed E	xtant	Site Last Seen:	2004-03-10
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2008-08-25
Quad Summary:	Friant (36119	986)					
County Summary:	Fresno	,					
Lat/Long:	36.93364 / -1	19.67403			Accuracy:	specific area	
UTM:	Zone-11 N40	90851 E261844			Elevation (ft):	470	
PLSS:	T11S, R21E,	Sec. 33 (M)			Acres:	10.0	
Location:	FRIANT-KEP	RN CANAL, APPROX 0.6 MII	E SOUTH OF	AUBERRY RI	D (AUBERRY CRE	EK), CLOVIS.	
Detailed Location:	NORTH POO	OL AT MILEPOST 006.06 (PO	OOL ID FKC-R	-006.06.1) AN	D SOUTH POOL A	T 006.17 (FKC-R-006.17.1).	
Ecological:						IGHTLY TURBID. S POOL: L US, & DELPHINIUM. POOL (
General:		N 1 TURTLE IN NORTH POC LES "ABUNDANT" ON 9 MA		PTURED & ME	ASURED (16X140	CM) ON 10 MAR 2004, AND I	N SOUTH
Owner/Manager:	USBOR, PV	Г					



California Department of Fish and Wildlife



Occurrence No.	1220	Map Index: 78740	EO Index:	79681		Element Last Seen:	2010-03-25
Occ. Rank:	Excellent		Presence:	Presumed E	xtant	Site Last Seen:	2010-03-25
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2010-04-28
Quad Summary:	Little Table N	<i>I</i> tn. (3711917)					
County Summary:	Madera						
Lat/Long:	37.08281 / -1	119.79505			Accuracy:	80 meters	
UTM:	Zone-11 N41	107715 E251550			Elevation (ft):	660	
PLSS:	T10S, R20E,	, Sec. 09, NW (M)			Acres:	0.0	
Location:	ON ROAD 20	09 ABOUT 0.5 MI SOUTH O	F INTERSECT	ION WITH RO	AD 406, MADERA.		
Detailed Location:							
Ecological:	GRAZED OA	AK SAVANNA WITH STOCK	PONDS/VERM	NAL POOLS IN	VICINITY.		
General:		S COMING FROM HIGHER	GROUND, IT	CROSSED TH	E ROAD AND WEI	NT INTO HILDRETH CREEK	AND BEGAN
Owner/Manager:	PVT	WNOTREAM.					
Occurrence No.	1265	Map Index: 99149	EO Index:	100671		Element Last Seen:	2015-04-06
Occ. Rank:	Poor		Presence:	Presumed E	xtant	Site Last Seen:	2015-04-06
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2016-02-09
Quad Summary:	Millerton Lak	e West (3711916)					
County Summary:	Madera						
Lat/Long:	37.11200 / -1	119.70660			Accuracy:	80 meters	
UTM:	Zone-11 N41	10726 E259506			Elevation (ft):	1230	
PLSS:	T09S, R21E,	, Sec. 32, NW (M)			Acres:	0.0	
Location:	JAMISON R/ FORK RD.	ANCH; ALONG O'NEAL RD	ABOUT 0.6 MI	LE SW OF TH	E HILDRETH RD J	UNCTION AND 1.9 MI SE O	F HWY 41 AT N
Detailed Location:	MAPPED TC	LOCATIONS GIVEN FOR I	DETECTIONS	FROM 2009-2	015 STUDY.		
Ecological:	POPULATIO		GRATED HER	E IN 2014 AFT		AL RANGE. A TURTLE FRO RIED UP. DESPITE WATEF	
General:	YOUNG FEN 2015.	ALE CAUGHT AND RELEA	SED 5 AUG 20	014. 3 ADULTS	S AND 1 JUVENILE	E CAUGHT AND RELEASED	ON 6 APR
Owner/Manager:	PVT						



California Department of Fish and Wildlife



Occurrence No.	1355	Map Index: A4512	EO Index:	106203	Element Last Seen:	2016-11-14
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2016-11-14
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2017-05-02
Quad Summary:	Clovis (36	11976)				
County Summary:	Fresno					
Lat/Long:	36.85801	/ -119.67324		Accuracy:	80 meters	
JTM:	Zone-11 N	4082457 E261680		Elevation (ft):	388	
PLSS:	T12S, R21	1E, Sec. 27, SW (M)		Acres:	5.0	
ocation:	ENTERPR AVE, CLO		TEMPERANCE	AVE AT HERITAGE AVE & 0.5	MINNE OF NEES AVE AT N	ARMSTRON
Detailed Location:	MAPPED	TO PROVIDED COORDINAT	ES.			
Ecological:				WITH FLOOD CONTROL BAS		NTIAL TO
General:	1 ADULT (OBSERVED ON 14 NOV 201	6.			
Owner/Manager:	UNKNOW	'N				
Habitat:	Federal: State: Other: General:	None None CDFW_SSC-Species of Sp SANDY OR LOOSE LOAM	Y SOILS UNDEF	R SPARSE VEGETATION.	State: S3	
-	State: Other:	None CDFW_SSC-Species of Sp SANDY OR LOOSE LOAM	Y SOILS UNDEF	SFS_S-Sensitive	State: S3	
Habitat:	State: Other: General:	None CDFW_SSC-Species of Sp SANDY OR LOOSE LOAM	Y SOILS UNDEF	SFS_S-Sensitive R SPARSE VEGETATION.	State: S3	188X-XX-X
Habitat: Dccurrence No. Dcc. Rank:	State: Other: General: Micro: 116 Unknown	None CDFW_SSC-Species of Sp SANDY OR LOOSE LOAM SOIL MOISTURE IS ESSE Map Index: 46277	Y SOILS UNDEF NTIAL. THEY PF EO Index: Presence:	SFS_S-Sensitive R SPARSE VEGETATION. REFER SOILS WITH A HIGH MO 107017 Presumed Extant	State: S3 DISTURE CONTENT. Element Last Seen: Site Last Seen:	188X-XX-X
Habitat: Dccurrence No. Dcc. Rank:	State: Other: General: Micro: 116 Unknown	None CDFW_SSC-Species of Sp SANDY OR LOOSE LOAM SOIL MOISTURE IS ESSE	Y SOILS UNDER NTIAL. THEY PR EO Index:	SFS_S-Sensitive & SPARSE VEGETATION. REFER SOILS WITH A HIGH MO 107017	State: S3 DISTURE CONTENT. Element Last Seen:	188X-XX-XX 188X-XX-XX 2017-07-12
Habitat: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary:	State: Other: General: Micro: 116 Unknown Natural/Na	None CDFW_SSC-Species of Sp SANDY OR LOOSE LOAM SOIL MOISTURE IS ESSE Map Index: 46277	Y SOILS UNDEF NTIAL. THEY PF EO Index: Presence: Trend:	SFS_S-Sensitive R SPARSE VEGETATION. REFER SOILS WITH A HIGH MO 107017 Presumed Extant	State: S3 DISTURE CONTENT. Element Last Seen: Site Last Seen:	188X-XX-X
Habitat: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary:	State: Other: General: Micro: 116 Unknown Natural/Na Malaga (30 Fresno	None CDFW_SSC-Species of Sp SANDY OR LOOSE LOAM SOIL MOISTURE IS ESSE Map Index: 46277	Y SOILS UNDEF NTIAL. THEY PF EO Index: Presence: Trend:	SFS_S-Sensitive R SPARSE VEGETATION. REFER SOILS WITH A HIGH MO 107017 Presumed Extant Unknown	State: S3 DISTURE CONTENT. Element Last Seen: Site Last Seen:	188X-XX-X
Habitat: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long:	State: Other: General: Micro: 116 Unknown Natural/Na Malaga (30 Fresno 36.77388	None CDFW_SSC-Species of Sp SANDY OR LOOSE LOAM SOIL MOISTURE IS ESSE Map Index: 46277 ative occurrence 611966), Fresno South (3611	Y SOILS UNDEF NTIAL. THEY PF EO Index: Presence: Trend:	SFS_S-Sensitive R SPARSE VEGETATION. REFER SOILS WITH A HIGH MO 107017 Presumed Extant Unknown 1976), Fresno North (3611977)	State: S3 DISTURE CONTENT. Element Last Seen: Site Last Seen: Record Last Updated:	188X-XX-X
Habitat: Decurrence No. Dec. Rank: Dec. Type: Quad Summary: County Summary: Lat/Long: JTM:	State: Other: General: Micro: 116 Unknown Natural/Na Malaga (30 Fresno 36.77388 / Zone-11 N	None CDFW_SSC-Species of Sp SANDY OR LOOSE LOAM SOIL MOISTURE IS ESSE Map Index: 46277 ative occurrence 611966), Fresno South (3611	Y SOILS UNDEF NTIAL. THEY PF EO Index: Presence: Trend:	SFS_S-Sensitive R SPARSE VEGETATION. REFER SOILS WITH A HIGH MO 107017 Presumed Extant Unknown 1976), Fresno North (3611977) Accuracy:	State: S3 DISTURE CONTENT. Element Last Seen: Site Last Seen: Record Last Updated: 5 miles	188X-XX-X
Habitat: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS:	State: Other: General: Micro: 116 Unknown Natural/Na Malaga (30 Fresno 36.77388 / Zone-11 N	None CDFW_SSC-Species of Sp SANDY OR LOOSE LOAM SOIL MOISTURE IS ESSE Map Index: 46277 ative occurrence 611966), Fresno South (3611 / -119.77951 14073392 E251931 DE, Sec. 27 (M)	Y SOILS UNDEF NTIAL. THEY PF EO Index: Presence: Trend:	SFS_S-Sensitive R SPARSE VEGETATION. REFER SOILS WITH A HIGH MO 107017 Presumed Extant Unknown 1976), Fresno North (3611977) Accuracy: Elevation (ft):	State: S3 DISTURE CONTENT. Element Last Seen: Site Last Seen: Record Last Updated: 5 miles 300	188X-XX-X
Habitat: Decurrence No. Dec. Rank: Dec. Type: Quad Summary: County Summary: County Summary: Lat/Long: JTM: PLSS: Location:	State: Other: General: Micro: 116 Unknown Natural/Na Malaga (30 Fresno 36.77388 / Zone-11 N T13S, R20	None CDFW_SSC-Species of Sp SANDY OR LOOSE LOAM SOIL MOISTURE IS ESSE Map Index: 46277 ative occurrence 611966), Fresno South (3611 / -119.77951 14073392 E251931 DE, Sec. 27 (M)	Y SOILS UNDEF NTIAL. THEY PF EO Index: Presence: Trend: 967), Clovis (361	SFS_S-Sensitive R SPARSE VEGETATION. REFER SOILS WITH A HIGH MO 107017 Presumed Extant Unknown 1976), Fresno North (3611977) Accuracy: Elevation (ft): Acres:	State: S3 DISTURE CONTENT. Element Last Seen: Site Last Seen: Record Last Updated: 5 miles 300	188X-XX-X
Habitat: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location:	State: Other: General: Micro: 116 Unknown Natural/Na Malaga (30 Fresno 36.77388 / Zone-11 N T13S, R20	None CDFW_SSC-Species of Sp SANDY OR LOOSE LOAM SOIL MOISTURE IS ESSE Map Index: 46277 ative occurrence 611966), Fresno South (3611 / -119.77951 14073392 E251931 DE, Sec. 27 (M)	Y SOILS UNDEF NTIAL. THEY PF EO Index: Presence: Trend: 967), Clovis (361	SFS_S-Sensitive R SPARSE VEGETATION. REFER SOILS WITH A HIGH MO 107017 Presumed Extant Unknown 1976), Fresno North (3611977) Accuracy: Elevation (ft): Acres:	State: S3 DISTURE CONTENT. Element Last Seen: Site Last Seen: Record Last Updated: 5 miles 300	188X-XX-X
-	State: Other: General: Micro: 116 Unknown Natural/Na Malaga (30 Fresno 36.77388 Zone-11 N T13S, R20 FRESNO. HISTORIC	None CDFW_SSC-Species of Sp SANDY OR LOOSE LOAM SOIL MOISTURE IS ESSE Map Index: 46277 ative occurrence 611966), Fresno South (3611 / -119.77951 14073392 E251931 DE, Sec. 27 (M) COLLECTION NEEDING M LLECTED IN THE LATE 1800	Y SOILS UNDEF NTIAL. THEY PF EO Index: Presence: Trend: 967), Clovis (361 967), Clovis (361 0RE REFINED F S, MOST LIKELY	SFS_S-Sensitive R SPARSE VEGETATION. REFER SOILS WITH A HIGH MO 107017 Presumed Extant Unknown 1976), Fresno North (3611977) Accuracy: Elevation (ft): Acres:	State: S3 DISTURE CONTENT. Element Last Seen: Site Last Seen: Record Last Updated: 5 miles 300 0.0	188X-XX-X 2017-07-12





Gambelia sila					Eleme	nt Code: ARAC	CF07010
blunt-nosed leopa	rd lizard						
Listing Status:	Federal:	Endangered		CNDDB Element Ranks	: Global:	G1	
	State:	Endangered			State:	S1	
	Other:	CDFW_FP-Fully Protected, I	UCN_EN-Enda	ngered			
Habitat:	General:	RESIDENT OF SPARSELY TOPOGRAPHIC RELIEF.	VEGETATED A	LKALI AND DESERT SCRUB HAE	BITATS, IN A	REAS OF LOV	V
	Micro:	SEEKS COVER IN MAMMAI NOT EXCAVATE THEIR OW		JNDER SHRUBS OR STRUCTUR	ES SUCH A	S FENCE POS	TS; THEY DO
Occurrence No.	107	Map Index: 14160	EO Index:	27810	Element	Last Seen:	1916-06-XX
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last	Seen:	1916-06-XX
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown	Record L	ast Updated:	1989-08-10
Quad Summary:	Madera (36	612081), Bonita Ranch (36120	82)				
County Summary:	Madera						
Lat/Long:	36.90299 /	-120.11127		Accuracy:	1 mile		
UTM:	Zone-10 N	4088008 E757384		Elevation (ft):	232		
PLSS:	T12S, R17	E, Sec. 09, NE (M)		Acres:	0.0		
Location:	5 MI SW M	IADERA.					
Detailed Location:							
Ecological:							
General:	CAS SPEC	CIMEN.					
Owner/Manager:	UNKNOW	N					



California Natural Diversity Database



Element Code: ARACF12100

Phrynosoma blainvillii

coast horned liza	rd					
Listing Status:	Federal:	None		CNDDB Element Ran	ks: Global: G3G4	
	State:	None			State: S3S4	
	Other:	BLM_S-Sensitive, CDFW_S	SC-Species of S	Special Concern, IUCN_LC-Leas	t Concern	
Habitat:	General:	FREQUENTS A WIDE VAR SCATTERED LOW BUSHE		ATS, MOST COMMON IN LOWI	ANDS ALONG SANDY WAS	HES WITH
	Micro:	OPEN AREAS FOR SUNN SUPPLY OF ANTS AND O		OR COVER, PATCHES OF LOC	SE SOIL FOR BURIAL, AND	ABUNDANT
Occurrence No.	863	Map Index: 46277	EO Index:	103150	Element Last Seen:	1893-07-07
Occ. Rank:	None		Presence:	Possibly Extirpated	Site Last Seen:	1893-07-07
Occ. Type:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2016-08-23
Quad Summary:	Malaga (3	611966), Fresno South (3611	967), Clovis (361	1976), Fresno North (3611977)		
County Summary:	Fresno					
Lat/Long:	36.77388	/ -119.77951		Accuracy:	5 miles	
UTM:	Zone-11 N	V4073392 E251931		Elevation (ft):	300	
PLSS:	T13S, R2	0E, Sec. 27 (M)		Acres:	0.0	
Location:	FRESNO.					
Detailed Location:	COLLECT	TION LOCALITIES GIVEN ON	LY AS "FRESNO)."		
Ecological:						
General:				US COLLECTORS. 4 COLLECT ON UNKNOWN DATE PRIOR TO		ON 23 SEP
Owner/Manager:	UNKNOW	/N				





Arizona elegar California glossy		alis			Element Code: ARAI	DB01017
Listing Status:	Federal:	None		CNDDB Element Ra	nks: Global: G5T2	
	State:	None			State: S2	
	Other:	CDFW_SSC-Species of Sp	ecial Concern			
Habitat:	General:			STERN PORTION OF SAN FRA E, AND PENINSULAR RANGES		
	Micro:	·	-	E OF SCRUB AND GRASSLAN		
Occurrence No.	1	Map Index: 46277	EO Index:	104841	Element Last Seen:	1893-07-04
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1893-07-04
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown	Record Last Updated:	2017-03-02
Quad Summary: County Summary:	Malaga (36 Fresno	611966), Fresno South (3611	967), Clovis (361	11976), Fresno North (3611977)		
Lat/Long:	36.77388 /	-119.77951		Accuracy:	5 miles	
UTM:	Zone-11 N	4073392 E251931		Elevation (ft):	300	
DI 00				Acres:	0.0	
PLSS:	113S, R20	E, Sec. 27 (M)		Acres:	010	
Location:	FRESNO.					
Location: Detailed Location:	FRESNO.	E, Sec. 27 (M) DCATION UNKNOWN, MAPF	PED TO CENTER			
Location: Detailed Location: Ecological:	FRESNO. EXACT LC	OCATION UNKNOWN, MAPF		R OF FRESNO.		
Location: Detailed Location: Ecological: General:	FRESNO. EXACT LC 1 MALE (A	CATION UNKNOWN, MAPF		R OF FRESNO.		
Location: Detailed Location: Ecological:	FRESNO. EXACT LC	CATION UNKNOWN, MAPF		R OF FRESNO.		
Location: Detailed Location: Ecological: General:	FRESNO. EXACT LC 1 MALE (A	CATION UNKNOWN, MAPF		R OF FRESNO.	Element Last Seen:	1939-05-16
Location: Detailed Location: Ecological: General: Owner/Manager:	FRESNO. EXACT LC 1 MALE (A UNKNOW	DCATION UNKNOWN, MAPF PARATYPE) WAS COLLEC	TED IN THIS VI	R OF FRESNO. CINITY ON 4 JUL 1893.		1939-05-16 1939-05-16
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No.	FRESNO. EXACT LC 1 MALE (A UNKNOW 25 Unknown	DCATION UNKNOWN, MAPF PARATYPE) WAS COLLEC	ETED IN THIS VI	R OF FRESNO. CINITY ON 4 JUL 1893. 104892	Element Last Seen:	
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	FRESNO. EXACT LC 1 MALE (A UNKNOW) 25 Unknown Natural/Na	DCATION UNKNOWN, MAPF PARATYPE) WAS COLLEC N Map Index: A3262	ETED IN THIS VI EO Index: Presence: Trend:	R OF FRESNO. CINITY ON 4 JUL 1893. 104892 Presumed Extant	Element Last Seen: Site Last Seen:	1939-05-16
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	FRESNO. EXACT LC 1 MALE (A UNKNOW) 25 Unknown Natural/Na	DCATION UNKNOWN, MAPF PARATYPE) WAS COLLEC N Map Index: A3262 tive occurrence	ETED IN THIS VI EO Index: Presence: Trend:	R OF FRESNO. CINITY ON 4 JUL 1893. 104892 Presumed Extant	Element Last Seen: Site Last Seen:	1939-05-16
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	FRESNO. EXACT LC 1 MALE (A UNKNOW 25 Unknown Natural/Na Riverdale (Fresno	DCATION UNKNOWN, MAPF PARATYPE) WAS COLLEC N Map Index: A3262 tive occurrence	ETED IN THIS VI EO Index: Presence: Trend:	R OF FRESNO. CINITY ON 4 JUL 1893. 104892 Presumed Extant	Element Last Seen: Site Last Seen:	1939-05-16
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Rank: Occ. Type: Quad Summary: County Summary:	FRESNO. EXACT LC 1 MALE (A UNKNOW) 25 Unknown Natural/Na Riverdale (Fresno 36.51422 /	DCATION UNKNOWN, MAPF PARATYPE) WAS COLLEC N Map Index: A3262 tive occurrence (3611947), Caruthers (36119	ETED IN THIS VI EO Index: Presence: Trend:	R OF FRESNO. CINITY ON 4 JUL 1893. 104892 Presumed Extant Unknown	Element Last Seen: Site Last Seen: Record Last Updated:	1939-05-16
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	FRESNO. EXACT LC 1 MALE (A UNKNOW 25 Unknown Natural/Na Riverdale (Fresno 36.51422 / Zone-11 N	DCATION UNKNOWN, MAPF PARATYPE) WAS COLLEC N Map Index: A3262 tive occurrence 3611947), Caruthers (36119 -119.77305	ETED IN THIS VI EO Index: Presence: Trend:	R OF FRESNO. CINITY ON 4 JUL 1893. 104892 Presumed Extant Unknown Accuracy:	Element Last Seen: Site Last Seen: Record Last Updated: 1 mile	1939-05-16
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	FRESNO. EXACT LC 1 MALE (A UNKNOW) 25 Unknown Natural/Na Riverdale (Fresno 36.51422 / Zone-11 N T16S, R20	DCATION UNKNOWN, MAPP PARATYPE) WAS COLLEC N Map Index: A3262 tive occurrence 3611947), Caruthers (36119 -119.77305 4044563 E251676	ETED IN THIS VI EO Index: Presence: Trend: 57)	R OF FRESNO. CINITY ON 4 JUL 1893. 104892 Presumed Extant Unknown Accuracy: Elevation (ft):	Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 250	1939-05-16
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	FRESNO. EXACT LC 1 MALE (A UNKNOWN 25 Unknown Natural/Na Riverdale (Fresno 36.51422 / Zone-11 N T16S, R20 3 MILES V	DCATION UNKNOWN, MAPF PARATYPE) WAS COLLEC M Map Index: A3262 tive occurrence 3611947), Caruthers (36119 -119.77305 4044563 E251676 E, Sec. 26 (M)	ETED IN THIS VI EO Index: Presence: Trend: 57)	R OF FRESNO. CINITY ON 4 JUL 1893. 104892 Presumed Extant Unknown Accuracy: Elevation (ft):	Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 250	1939-05-16
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	FRESNO. EXACT LC 1 MALE (A UNKNOWN 25 Unknown Natural/Na Riverdale (Fresno 36.51422 / Zone-11 N T16S, R20 3 MILES V	DCATION UNKNOWN, MAPF PARATYPE) WAS COLLEC M Map Index: A3262 tive occurrence 3611947), Caruthers (36119 -119.77305 4044563 E251676 E, Sec. 26 (M)	ETED IN THIS VI EO Index: Presence: Trend: 57)	R OF FRESNO. CINITY ON 4 JUL 1893. 104892 Presumed Extant Unknown Accuracy: Elevation (ft):	Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 250	1939-05-16
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	FRESNO. EXACT LC 1 MALE (A UNKNOW) 25 Unknown Natural/Na Riverdale (Fresno 36.51422 / Zone-11 N T16S, R20 3 MILES V	DCATION UNKNOWN, MAPF PARATYPE) WAS COLLEC M Map Index: A3262 tive occurrence 3611947), Caruthers (36119 -119.77305 4044563 E251676 E, Sec. 26 (M)	EO Index: Presence: Trend: 57) OF FRESNO.	R OF FRESNO. CINITY ON 4 JUL 1893. 104892 Presumed Extant Unknown Accuracy: Elevation (ft):	Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 250	1939-05-16



California Department of Fish and Wildlife



Quad Summary: Burrel (3611948), Raisin (3611958), Five Points (3612041), Helm (3612051) County Summary: Fresno Lat/Long: 36.48700 / -120.00757 Accuracy: 1 mile UTM: Zone-10 N4042131 E768068 Elevation (ft): 195 PLSS: T17S, R18E, Sec. 03 (M) Acres: 0.0 Location: FRESNO SLOUGH, ABOUT 1.2 MILES W OF BURRELL, 6 MILES SE OF HELM. Detailed Location: MAPPED TO PROVIDED 1976 DETECTION LOCATION OF "FRESNO SLOUGH, 1 MILE W BURRELL, N. SIDE ELKHORN AVE." EXACT LOCATION OF 1992 HABITAT ASSESSMENT NOT KNOWN; DESCRIBED AS GENERAL AREA AT BURRELL-LANARE. Ecological: General: AT LEAST 1 DETECTED ON 9 JUN 1976; G. HANSEN FIELD #247. 0 DETECTED DURING 1986-87 SURVEYS; LEVEL OF EFFORT UNKNOWN. OBSERVATIONS OF HABITAT DETERIORATION IN 1992 ATTRIBUTED TO THE POSSIBLE EXTIRPATION AT THIS LOCATION.							
Listing Status: Federal: Threatened CNDDB Element Ranks: Global: G2 State: Threatened State: S2 Habitat: General: PREFERS FRESHWATER MARSH AND LOW GRADIENT STREAMS. HAS ADAPTED TO DRAINAGE CANALS AND IRRIGATION DITCHES. Micro: THIS IS THE MOST AQUATIC OF THE GARTERSNAKES IN CALIFORNIA. Occurrence No. 8 Map Index: 14315 EO Index: 27607 Element Last Seen: 1976-06-09 Occ. Rank: None Presence: Possibly Extirpated Site Last Seen: 1992-XX-XX Ocuty Summary: Burrel (3611948), Raisin (3611958), Five Points (3612041), Helm (3612051) Record Last Updated: 2014-11-13 Quad Summary: Fresno Fresno Imile 200- Elevation (ft): 195 Location: FRESNO SLOUGH, ABOUT 1.2 MILES W OF BURRELL, 6 MILES SE OF HELM. Acres: 0.0 Elevation (ft): 195 PLSS: T17S, R18E, Sec. 03 (M) Acres: 0.0 Elevation (ft): 195 PLSS: T12S, R18E, Sec. 03 (M) Acres: 0.0 Elevation (ft): 195 PLSS: T17S, R18E, Sec. 03 (M) Acres: 0.0 El		-				Element Code: ARADB36150	1
State: Threatened State: S2 Other: IUCN_VU-Vulnerable IUCN_VU-Vulnerable IUCN_VU-Vulnerable Beneral: PREFERS FRESHWATER MARSH AND LOW GRADIENT STREAMS. HAS ADAPTED TO DRAINAGE CANALS AND IRRIGATION DITCHES. IURNERATION DITCHES. Occurrence No. 8 Map Index: 14315 EO Index: 27607 Element Last Seen: 1976-06-09 Occ. Rank: None Presence: Possibly Extirpated Ste Last Seen: 1992-XX-XX Occ. Type: Natural/Native occurrence Tred: Unknown Record Last Updated: 201411-13 Quad Summary: Burrel (3611948), Raisin (3611958), Five Points (3612041), Helm (3612041). Record Last Updated: 2014-114-13 Quad Summary: Burrel (3611948), Raisin (3611958), Five Points (3612041), Helm (3612041). 1mile 1mile 2014-114-13 Quad Summary: Burrel (3611948), Raisin (3611958), Five Points (3612041). Helm (3612041). 1mile 2014114-13 Quad Summary: Burrel (3611948), Raisin (3611958), Five Points (3612041). Helm (3612041). 1mile 201414-13 Quad Summary: Burrel (3611948), Raisin (3611958), Five Points (3612041). Accers: 0.0 0.0 201414-143 <tr< th=""><th></th><th></th><th>Threatened</th><th></th><th>CNDDB Element Ban</th><th>oks: Global: G2</th><th></th></tr<>			Threatened		CNDDB Element Ban	oks: Global: G2	
Other: IUCN_VU-Vulnerable General: PREFERS FRESHWATER MARSH AND LOW GRADIENT STREAMS. HAS ADAPTED TO DRAINAGE CANALS AND IRRIGATION DITCHES. Micro: THIS IS THE MOST AQUATIC OF THE GARTERSNAKES IN CALIFORNIA. Occurrence No. 8 Map Index: 14315 EO Index: 27607 Element Last Seen: 1976-06-09 Occ. Rank: None Presence: Possibly Extirpated Site Last Seen: 1992-XX-XX Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2014-11-13 Quad Summary: Fresno - Yeson Accuracy: 1 mile 2014-11-13 Quad Summary: Fresno - - Accuracy: 1 mile 2014-11-13 Quad Summary: Fresno - - - - - - Lat/Long: 36.48700 / -120.00757 Accuracy: 1 mile -	Listing Status.						
Habitat: General: PREFERS FRESHWATER MARSH AND LOW GRADIENT STREAMS. HAS ADAPTED TO DRAINAGE CANALS AND IRRIGATION DITCHES. Micro: THIS IS THE MOST AQUATIC OF THE GARTERSNAKES IN CALIFORNIA. Image: Contract of the contract of						State. 52	
IRRIGATION DITCHES. Micro: THIS IS THE MOST AQUATIC OF THE GARTERSNAKES IN CALIFORNIA. Occurrence No. 8 Map Index: 14315 EO Index: 27607 Element Last Seen: 1976-06-09 Occ. Rank: None Presence: Possibly Extirpated Site Last Seen: 1992-XX-XX Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2014-11-13 Quad Summary: Burrel (3611948), Raisin (3611958), Five Points (3612041), Helm (3612051) County Summary: 1 mile 2014-11-13 Quad Summary: Fresno	Ushitat.		—				
Occurrence No. 8 Map Index: 14315 EO Index: 27607 Element Last Seen: 1976-06-09 Occ. Rank: None Presence: Possibly Extirpated Site Last Seen: 1992-XX-XX Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2014-11-13 Quad Summary: Burrel (3611948), Raisin (3611958), Five Points (3612041), Helm (3612051) County Summary: Fresno Lat/Long: 36.48700 / -120.00757 Accuracy: 1 mile UTM: Zone-10 N4042131 E768068 Elevation (ft): 195 PLSS: T17S, R18E, Sec. 03 (M) Acres: 0.0 Location: FRESNO SLOUGH, ABOUT 1.2 MILES W OF BURRELL, 6 MILES SE OF HELM. Detailed Location: MAPPED TO PROVIDED 1976 DETECTION LOCATION OF "FRESNO SLOUGH, 1 MILE W BURRELL, N. SIDE ELKHORN AVE." EXACT LOCATION OF 1992 HABITAT ASSESSMENT NOT KNOWN; DESCRIBED AS GENERAL AREA AT BURRELL-LANARE. Ecological: General: AT LEAST 1 DETECTED ON 9 JUN 1976; G. HANSEN FIELD #247. 0 DETECTED DURING 1986-87 SURVEYS; LEVEL OF EFFORT UNKNOWN. OBSERVATIONS OF HABITAT DETERIORATION IN 1992 ATTRIBUTED TO THE POSSIBLE EXTIRPATION AT THIS LOCATION. Element Code: CTT44110CA Northern Hardpan Vernal Pool Listing Status: Federal: None State: S3.1 Utknowin CNDDB Element Ranks: G	Habitat:	General:		MARSH AND LU	JW GRADIENT STREAMS. HAS	S ADAPTED TO DRAINAGE CANALS	AND
Occ. Rank: None Presence: Possibly Extirpated Site Last Seen: 1992-XX-XX Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2014-11-13 Quad Summary: Burrel (3611948), Raisin (3611958), Five Points (3612041), Helm (3612051) County Summary: Image: County Summary: Presence: Accuracy: 1 mile 2014-11-13 Quad Summary: Site Last Seen: 36.48700 / -120.00757 Accuracy: 1 mile 2014-11-13 Quad Summary: Site County Summary: Site County Summary: Presence: Accuracy: 1 mile 2014-11-13 Quad Summary: Site Sec. 03 (M) Accuracy: 1 mile 2014-11-13 UTM: Zone-10 N4042131 E768068 Elevation (ft): 195 195 Location: FRESNO SLOUGH, ABOUT 1.2 MILES W OF BURRELL, 6 MILES SE OF HELM. Detailed Location: MAPPED TO PROVIDED 1976 DETECTION LOCATION OF 'FRESNO SLOUGH, 1 MILE W BURRELL, N. SIDE ELKHORN AVE." Ecological: General: AT LEAST 1 DETECTED ON 9 JUN 1976; G. HANSEN FIELD #247. 0 DETECTED DURING 1986-87 SURVEYS; LEVEL OF EFFORT UNKNOWN. OBSERVATIONS OF HABITAT DETERIORATION IN 1992 ATTRIBUTED TO THE POSSIBLE EXTIRPATION AT THIS LOCATION. Northern Hardpar Vernal Pool		Micro:	THIS IS THE MOST AQUA	TIC OF THE GA	RTERSNAKES IN CALIFORNIA		
Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2014-11-13 Quad Summary: Burrel (3611948), Raisin (3611958), Five Points (3612041), Helm (3612051) Record Last Updated: 2014-11-13 County Summary: Fresno Accuracy: 1 mile 1 Lat/Long: 36.48700 / -120.00757 Accuracy: 1 mile 1 UTM: Zone-10 N4042131 E768068 Elevation (ft): 195 PLSS: T17S, R18E, Sec. 03 (M) Acres: 0.0 Location: FRESNO SLOUGH, ABOUT 1.2 MILES W OF BURRELL, 6 MILES SE OF HELM. BurrelL, N. SIDE ELKHORN AVE.* Detailed Location: MAPPED TO PROVIDED 1976 DETECTION LOCATION OF "RESNO SLOUGH, 1 MILE W BURRELL, N. SIDE ELKHORN AVE.* Exact LocAtiON OF 1992 HABITAT ASSESSMENT NOT KNOWN; DESCRIBED AS GENERAL AREA AT BURRELL-LANARE. Ecological: General: AT LEAST 1 DETECTED ON 9 JUN 1976; G. HANSEN FIELD #247. 0 DETECTED DURING 1986-87 SURVEYS; LEVEL OF EFFORT UNKNOWN. OBSERVATIONS OF HABITAT DETERIORATION IN 1992 ATTRIBUTED TO THE POSSIBLE EXTIRPATION AT THIS LOCATION. Element Code: CTT44110CA Northern Hardpan Vernal Pool Element Code: CTT44110CA State:	Occurrence No.	8	Map Index: 14315	EO Index:	27607	Element Last Seen: 1976-0	6-09
Quad summary: Burrel (3611948), Raisin (3611958), Five Points (3612041), Helm (3612051) County Summary: Fresno Lat/Long: 36.48700 / -120.00757 Accuracy: 1 mile UTM: Zone-10 N4042131 E768068 Elevation (ft): 195 PLSS: T17S, R18E, Sec. 03 (M) Acres: 0.0 Location: FRESNO SLOUGH, ABOUT 1.2 MILES W OF BURRELL, 6 MILES SE OF HELM. Detailed Location: MAPPED TO PROVIDED 1976 DETECTION LOCATION OF "FRESNO SLOUGH, 1 MILE W BURRELL, N. SIDE ELKHORN AVE." EXACT LOCATION OF 1992 HABITAT ASSESSMENT NOT KNOWN; DESCRIBED AS GENERAL AREA AT BURRELL-LANARE. Ecological: General: AT LEAST 1 DETECTED ON 9 JUN 1976; G. HANSEN FIELD #247. 0 DETECTED DURING 1986-87 SURVEYS; LEVEL OF EFFORT UNKNOWN, OBSERVATIONS OF HABITAT DETERIORATION IN 1992 ATTRIBUTED TO THE POSSIBLE EXTIRPATION AT THIS LOCATION. Owner/Manager: UNKNOWN Northern Hardpan Vernal Pool Element Code: CTT44110CA Northern Hardpan Vernal Pool State: None Listing Status: Federal: None State: S3.1 Other: Habitat: General: © State: S3.1	Occ. Rank:	None		Presence:	Possibly Extirpated	Site Last Seen: 1992-X	X-XX
County Summary: Fresno Lat/Long: 36.48700 / -120.00757 Accuracy: 1 mile UTM: Zone-10 N4042131 E768068 Elevation (ft): 195 PLSS: T17S, R18E, Sec. 03 (M) Acres: 0.0 Location: FRESNO SLOUGH, ABOUT 1.2 MILES W OF BURRELL, 6 MILES SE OF HELM. Detailed Location: FRESNO SLOUGH, ABOUT 1.2 MILES W OF BURRELL, 6 MILES SE OF HELM. Detailed Location: MAPPED TO PROVIDED 1976 DETECTION LOCATION OF "FRESNO SLOUGH, 1 MILE W BURRELL, N. SIDE ELKHORN AVE." EXACT LOCATION OF 1992 HABITAT ASSESSMENT NOT KNOWN; DESCRIBED AS GENERAL AREA AT BURRELL-LANARE. Ecological: General: AT LEAST 1 DETECTED ON 9 JUN 1976; G. HANSEN FIELD #247. 0 DETECTED DURING 1986-87 SURVEYS; LEVEL OF EFFORT UNKNOWN. OBSERVATIONS OF HABITAT DETERIORATION IN 1992 ATTRIBUTED TO THE POSSIBLE EXTIRPATION AT THIS LOCATION. Owner/Manager: UNKNOWN Northern Hardpan Vernal Pool Element Code: CTT44110CA Northern Hardpan Vernal Pool CNDDB Element Ranks: Global: G3 State: None State: S3.1 Other: Habitat: General: □	Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated: 2014-1	1-13
County Summary: Fresno Lat/Long: 36.48700 / -120.00757 Accuracy: 1 mile UTM: Zone-10 N4042131 E768068 Elevation (ft): 195 PLSS: T17S, R18E, Sec. 03 (M) Acres: 0.0 Location: FRESNO SLOUGH, ABOUT 1.2 MILES W OF BURRELL, 6 MILES SE OF HELM. Detailed Location: FRESNO SLOUGH, ABOUT 1.2 MILES W OF BURRELL, 6 MILES SE OF HELM. Detailed Location: MAPPED TO PROVIDED 1976 DETECTION LOCATION OF "FRESNO SLOUGH, 1 MILE W BURRELL, N. SIDE ELKHORN AVE." EXACT LOCATION OF 1992 HABITAT ASSESSMENT NOT KNOWN; DESCRIBED AS GENERAL AREA AT BURRELL-LANARE. Ecological: General: AT LEAST 1 DETECTED ON 9 JUN 1976; G. HANSEN FIELD #247. 0 DETECTED DURING 1986-87 SURVEYS; LEVEL OF EFFORT UNKNOWN. OBSERVATIONS OF HABITAT DETERIORATION IN 1992 ATTRIBUTED TO THE POSSIBLE EXTIRPATION AT THIS LOCATION. Owner/Manager: UNKNOWN Northern Hardpan Vernal Pool Element Code: CTT44110CA Northern Hardpan Vernal Pool CNDDB Element Ranks: Global: G3 State: None State: S3.1 Other: Habitat: General: □	Quad Summary:	Burrel (36	11948), Raisin (3611958). Fiv	re Points (361204	41), Helm (3612051)		
UTM: Zone-10 N4042131 E768068 Elevation (ft): 195 PLSS: T17S, R18E, Sec. 03 (M) Acres: 0.0 Location: FRESNO SLOUGH, ABOUT 1.2 MILES W OF BURRELL, 6 MILES SE OF HELM. MAPPED TO PROVIDED 1976 DETECTION LOCATION OF "FRESNO SLOUGH, 1 MILE W BURRELL, N. SIDE ELKHORN AVE." EXACT LOCATION OF 1992 HABITAT ASSESSMENT NOT KNOWN; DESCRIBED AS GENERAL ARE A TI BURRELL-LANARE. Ecological: MAPPED TO PROVIDED 1976; G. HANSEN FIELD #247.0 DETECTED DURING 1986-87 SURVEYS; LEVEL OF EFFORT UNKNOWN. OBSERVATIONS OF HABITAT DETERIORATION IN 1992 ATTRIBUED TO THE POSSIBLE EXTIRPATION AT THIS LOCATION. Owner/Manager: UNKNOWN Element Code: CTT44110CA Northern Hardpan None CNDDB Element Ranks: Global: G3 State: None State: S3.1 Other: Tother: Tother State: S3.1	•	,		, ,			
PLSS: T17S, R18E, Sec. 03 (M) Acres: 0.0 Location: FRESNO SLOUGH, ABOUT 1.2 MILES W OF BURRELL, 6 MILES SE OF HELM. Detailed Location: MAPPED TO PROVIDED 1976 DETECTION LOCATION OF "FRESNO SLOUGH, 1 MILE W BURRELL, N. SIDE ELKHORN AVE." EXACT LOCATION OF 1992 HABITAT ASSESSMENT NOT KNOWN; DESCRIBED AS GENERAL AREA AT BURRELL-LANARE. Ecological: At LEAST 1 DETECTED ON 9 JUN 1976; G. HANSEN FIELD #247. 0 DETECTED DURING 1986-87 SURVEYS; LEVEL OF EFFORT UNKNOWN. OBSERVATIONS OF HABITAT DETERIORATION IN 1992 ATTRIBUTED TO THE POSSIBLE EXTIRPATION AT THIS LOCATION. Owner/Manager: UNKNOWN Element Code: CTT44110CA Northern Hardpan Vernal Pool Element Code: CTT44110CA State: None State: S3.1 Habitat: General: I None CNDDB Element Ranks: Global: G3	Lat/Long:	36.48700	/ -120.00757		Accuracy:	1 mile	
Location: FRESNO SLOUGH, ABOUT 1.2 MILES W OF BURRELL, 6 MILES SE OF HELM. Detailed Location: MAPPED TO PROVIDED 1976 DETECTION LOCATION OF "FRESNO SLOUGH, 1 MILE W BURRELL, N. SIDE ELKHORN AVE." EXACT LOCATION OF 1992 HABITAT ASSESSMENT NOT KNOWN; DESCRIBED AS GENERAL AREA AT BURRELL-LANARE. Ecological: General: AT LEAST 1 DETECTED ON 9 JUN 1976; G. HANSEN FIELD #247. 0 DETECTED DURING 1986-87 SURVEYS; LEVEL OF EFFORT UNKNOWN. OBSERVATIONS OF HABITAT DETERIORATION IN 1992 ATTRIBUTED TO THE POSSIBLE EXTIRPATION AT THIS LOCATION. Owner/Manager: UNKNOWN Northern Hardpan Vernal Pool Element Code: CTT44110CA Northern Hardpan Vernal Pool Element Ranks: Global: G3 State: None State: S3.1 Other: Habitat: General:	UTM:	Zone-10 N	V4042131 E768068		Elevation (ft):	195	
Detailed Location: MAPPED TO PROVIDED 1976 DETECTION LOCATION OF "FRESNO SLOUGH, 1 MILE W BURRELL, N. SIDE ELKHORN AVE." EXACT LOCATION OF 1992 HABITAT ASSESSMENT NOT KNOWN; DESCRIBED AS GENERAL AREA AT BURRELL-LANARE. Ecological: General: AT LEAST 1 DETECTED ON 9 JUN 1976; G. HANSEN FIELD #247. 0 DETECTED DURING 1986-87 SURVEYS; LEVEL OF EFFORT UNKNOWN. OBSERVATIONS OF HABITAT DETERIORATION IN 1992 ATTRIBUTED TO THE POSSIBLE EXTIRPATION AT THIS LOCATION. Owner/Manager: UNKNOWN Northern Hardpan Vernal Pool Element Code: CTT44110CA Northern Hardpan Vernal Pool State: None CNDDB Element Ranks: Global: G3 State: None State: S3.1 Other: Habitat: General: 0	PLSS:	T17S, R18	8E, Sec. 03 (M)		Acres:	0.0	
EXACT LOCATION OF 1992 HABITAT ASSESSMENT NOT KNOWN; DESCRIBED AS GENERAL AREA AT BURRELL-LANARE. Ecological: General: AT LEAST 1 DETECTED ON 9 JUN 1976; G. HANSEN FIELD #247. 0 DETECTED DURING 1986-87 SURVEYS; LEVEL OF EFFORT UNKNOWN. OBSERVATIONS OF HABITAT DETERIORATION IN 1992 ATTRIBUTED TO THE POSSIBLE EXTIRPATION AT THIS LOCATION. Owner/Manager: UNKNOWN NORSERVATIONS OF HABITAT DETERIORATION IN 1992 ATTRIBUTED TO THE POSSIBLE EXTIRPATION AT THIS LOCATION. Owner/Manager: UNKNOWN Listing Status: Federal: None Listing Status: Federal: None CNDDB Element Ranks: Global: G3 State: None Other: Habitat: General: □	Location:	FRESNO	SLOUGH, ABOUT 1.2 MILES	W OF BURREL	L, 6 MILES SE OF HELM.		
General: AT LEAST 1 DETECTED ON 9 JUN 1976; G. HANSEN FIELD #247. 0 DETECTED DURING 1986-87 SURVEYS; LEVEL OF EFFORT UNKNOWN. OBSERVATIONS OF HABITAT DETERIORATION IN 1992 ATTRIBUTED TO THE POSSIBLE EXTIRPATION AT THIS LOCATION. Owner/Manager: UNKNOWN Northern Hardpan Vernal Pool Element Code: CTT44110CA Northern Hardpan Vernal Pool CNDDB Element Ranks: Global: G3 State: None State: S3.1 Other: Unter: Element: State: S3.1	Detailed Location:						
EFFORT UNKNOWN. OBSERVATIONS OF HABITAT DETERIORATION IN 1992 ATTRIBUTED TO THE POSSIBLE EXTIRPATION AT THIS LOCATION. Owner/Manager: UNKNOWN Northern Hardpan Vernal Pool Element Code: CTT44110CA Northern Hardpan Vernal Pool Element Ranks: Global: G3 State: None State: None Other: General: Image: Image: Image: Image: Image: Image: Image: Image: None State: State: Image: Image:	Ecological:						
Northern Hardpar Vernal Pool Element Code: CTT44110CA Northern Hardpar Vernal Pool CNDDB Element Ranks: Global: G3 Listing Status: Federal: None CNDDB Element Ranks: Global: G3 State: None Ctop State: S3.1 Other: General: I I	General:	EFFORT	UNKNOWN. OBSERVATION				ATION
Northern Hardpan Vernal Pool Listing Status: Federal: None CNDDB Element Ranks: Global: G3 State: None State: S3.1 Other: Image: Comparison of the state: S3.1 Habitat: General: Image: Comparison of the state: S3.1	Owner/Manager:	UNKNOW	/N				
Northern Hardpan Vernal Pool Kone CNDDB Element Ranks: Global: G3 Listing Status: Federal: None State: S3.1 Other: Other: State: S3.1	Northern Hard	oan Verna	l Pool			Element Code: CTT44110CA	
State: None State: S3.1 Other: General: I	•						
Other: Habitat: General: □	Listing Status:	Federal:	None		CNDDB Element Ran	iks: Global: G3	
Habitat: General:		State:	None			State: S3.1	
		Other:					
Micro:	Habitat:	General:					
		Micro:					



California Department of Fish and Wildlife



Occurrence No.	5	Map Index: 14693	EO Index:	744		Element Last Seen:	1983-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed Extant	t	Site Last Seen:	1983-XX-XX
Осс. Туре:	Natural/Native	occurrence	Trend:	Decreasing		Record Last Updated:	1998-07-15
Quad Summary:	Lanes Bridge (3611987)					
County Summary:	Madera						
Lat/Long:	36.94715 / -119	9.78987		Aco	curacy:	1 mile	
UTM:	Zone-11 N4092	2647 E251569		Ele	evation (ft):	395	
PLSS:	T11S, R20E, S	ec. 28, E (M)		Acr	res:	0.0	
Location:	EAST SIDE OF	HWY 41 ABOUT 1.5 MIL	ES NORTH OF	AVENUE 12, NEA	AR LITTLE TAE	BLE MOUNTAIN.	
Detailed Location:	POOLS NOT C	ONTINUOUS BUT IN UN	PLOWED ARE	AS; SOME DENSE	POOLS ARE	AS.	
Ecological:		SLAND W/VERNAL STRI TO FLORISTIC CLASSIF			MOCKY. RELA	TIVELY UNDISTURBED IN 1	1982. UNABLE
General:		G.CA.GOV/BIOGEODATA		ATURAL_COMM_E	BACKGROUN	D.ASP TO INTERPRET AND	ADDRESS
Owner/Manager:	UNKNOWN						
Occurrence No.	13	Map Index: 15260	EO Index:	28123		Element Last Seen:	1980-04-27
	15	Map mack. 10200	LO INGEA.	20.20		Liement Last Seen.	1900-04-27
Occ. Rank:	Unknown		Presence:	Presumed Extant	t	Site Last Seen:	1980-04-27 1980-04-27
	-				t		
Occ. Rank:	Unknown Natural/Native		Presence: Trend:	Presumed Extant	t	Site Last Seen:	1980-04-27
Occ. Rank: Occ. Type:	Unknown Natural/Native	occurrence	Presence: Trend:	Presumed Extant	t	Site Last Seen:	1980-04-27
Occ. Rank: Occ. Type: Quad Summary:	Unknown Natural/Native Piedra (361197	occurrence 74), Round Mountain (3611	Presence: Trend:	Presumed Extant Decreasing	curacy:	Site Last Seen:	1980-04-27
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Unknown Natural/Native Piedra (361197 Fresno	occurrence 74), Round Mountain (3611 9.49986	Presence: Trend:	Presumed Extant Decreasing Acc		Site Last Seen: Record Last Updated:	1980-04-27
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Unknown Natural/Native Piedra (361197 Fresno 36.79605 / -115	occurrence 74), Round Mountain (3611 9.49986 5163 E276959	Presence: Trend:	Presumed Extant Decreasing Acc Ele	curacy:	Site Last Seen: Record Last Updated: 1/5 mile	1980-04-27
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Unknown Natural/Native Piedra (361197 Fresno 36.79605 / -119 Zone-11 N4075 T13S, R23E, S	occurrence 74), Round Mountain (3611 9.49986 5163 E276959 ec. 17, SW (M)	Presence: Trend: 1975)	Presumed Extant Decreasing Acc Ele Acr	curacy: evation (ft): res:	Site Last Seen: Record Last Updated: 1/5 mile 450	1980-04-27 1998-07-15
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Native Piedra (361197 Fresno 36.79605 / -119 Zone-11 N4075 T13S, R23E, S WATTS VALLE SANGER.	occurrence 74), Round Mountain (3611 9.49986 5163 E276959 ec. 17, SW (M)	Presence: Trend: 1975) AN BECOMES	Presumed Extant Decreasing Acc Ele Acr	curacy: evation (ft): res:	Site Last Seen: Record Last Updated: 1/5 mile 450 0.0	1980-04-27 1998-07-15
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Native Piedra (361197 Fresno 36.79605 / -119 Zone-11 N4075 T13S, R23E, S WATTS VALLE SANGER. ABOUT 150 AC	occurrence 74), Round Mountain (3611 9.49986 5163 E276959 ec. 17, SW (M) EY ROAD, WHERE ASHL/ CRES. ALSO IN SECTION ENICULATUM, ERYNGIU	Presence: Trend: 1975) AN BECOMES	Presumed Extant Decreasing Acc Ele Acr WATTS VALLEY R	curacy: evation (ft): res: ROAD. EAST C	Site Last Seen: Record Last Updated: 1/5 mile 450 0.0	1980-04-27 1998-07-15 TY OF
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Unknown Natural/Native Piedra (361197 Fresno 36.79605 / -119 Zone-11 N4075 T13S, R23E, S WATTS VALLE SANGER. ABOUT 150 AC HORDEUM GE LACKS SPP. IN SEE WWW.DF	occurrence 74), Round Mountain (3611 9.49986 5163 E276959 ec. 17, SW (M) EY ROAD, WHERE ASHLA CRES. ALSO IN SECTION ENICULATUM, ERYNGIUM	Presence: Trend: 1975) AN BECOMES I 18. M, LASTHENIA A/VEGCAMP/N	Presumed Extant Decreasing Acc Ele Acr WATTS VALLEY Re FREMONTII. UNAR	evation (ft): res: ROAD. EAST C BLE TO CONV	Site Last Seen: Record Last Updated: 1/5 mile 450 0.0 F ACADEMY ROAD, VICINI	1980-04-27 1998-07-15 TY OF



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Occurrence No.	22	Map Index: 14877	EO Index:	28005		Element Last Seen:	1983-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed Ext	ant	Site Last Seen:	1983-XX-XX
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Decreasing		Record Last Updated:	1998-07-15
Quad Summary:	Friant (36119	986)					
County Summary:	Fresno						
Lat/Long:	36.90355 / -1	19.68653			Accuracy:	1 mile	
UTM:	Zone-11 N40	87544 E260636			Elevation (ft):	380	
PLSS:	T12S, R21E,	Sec. 09, W (M)			Acres:	0.0	
Location:	COPPER HIL	L VERNAL POOL, NW OF	JUNCTION OF	COPPER & AR	MSTRONG AVE	NUES, VICINITY OF CLOVIS	5.
Detailed Location:							
Ecological:	UNABLE TO	CONVERT TO FLORISTIC	CLASSIFICAT	ION, LACKS SP	P. INFO.		
General:	WWW.DFG.0	NGER FIT EO CRITERIA. S CA.GOV/BIOGEODATA/VE OF RARE COMMUNITIES.		RAL_COMM_BA	CKGROUND.AS	SP TO INTERPRET AND ADD	RESS THE
Owner/Manager:	UNKNOWN						
Occurrence No.	35	Map Index: 14549	EO Index:	27457		Element Last Seen:	1980-04-29
Occurrence No. Occ. Rank:	35 Unknown	Map Index: 14549	EO Index: Presence:	27457 Presumed Ext	ant	Element Last Seen: Site Last Seen:	1980-04-29 1980-04-29
	Unknown	Map Index: 14549 e occurrence			ant		
Occ. Rank:	Unknown Natural/Nativ	·	Presence: Trend:	Presumed Ext	ant	Site Last Seen:	1980-04-29
Occ. Rank: Occ. Type:	Unknown Natural/Nativ	e occurrence	Presence: Trend:	Presumed Ext	ant	Site Last Seen:	1980-04-29
Occ. Rank: Occ. Type: Quad Summary:	Unknown Natural/Nativ Lanes Bridge	e occurrence 9 (3611987), Gregg (361198	Presence: Trend:	Presumed Ext	ant Accuracy:	Site Last Seen:	1980-04-29
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Unknown Natural/Nativ Lanes Bridge Madera 36.96160 / -1	e occurrence 9 (3611987), Gregg (361198	Presence: Trend:	Presumed Ext		Site Last Seen: Record Last Updated:	1980-04-29
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Unknown Natural/Nativ Lanes Bridge Madera 36.96160 / -1 Zone-11 N40	e occurrence e (3611987), Gregg (361198 19.86737	Presence: Trend:	Presumed Ext	Accuracy:	Site Last Seen: Record Last Updated: 1 mile	1980-04-29
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Unknown Natural/Nativ Lanes Bridge Madera 36.96160 / -1 Zone-11 N40 T11S, R19E,	e occurrence (3611987), Gregg (361198 19.86737 194455 E244714	Presence: Trend: 8)	Presumed Ext	Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1 mile 350 0.0	1980-04-29
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Nativ Lanes Bridge Madera 36.96160 / -1 Zone-11 N40 T11S, R19E, HWY 41 NOF	e occurrence (3611987), Gregg (361198 19.86737 94455 E244714 Sec. 23, N (M) RTH FROM FRESNO TO A EANDERS OF EPHEMERA	Presence: Trend: 8) /ENUE 15 THE	Presumed Ext Unknown	Accuracy: Elevation (ft): Acres: ST. AREA INCLU	Site Last Seen: Record Last Updated: 1 mile 350 0.0	1980-04-29 1998-07-15
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Nativ Lanes Bridge Madera 36.96160 / -1 Zone-11 N40 T11S, R19E, HWY 41 NOF POOLS IN M GRASSLAND	e occurrence (3611987), Gregg (361198 19.86737 94455 E244714 Sec. 23, N (M) RTH FROM FRESNO TO AN EANDERS OF EPHEMERA D.	Presence: Trend: 8) /ENUE 15 THE	Presumed Ext Unknown EN 3 MILES WES DOLS VERY DEI	Accuracy: Elevation (ft): Acres: ST. AREA INCLL NSE IN SOME A	Site Last Seen: Record Last Updated: 1 mile 350 0.0 UDES 3 SECTIONS.	1980-04-29 1998-07-15
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Unknown Natural/Nativ Lanes Bridge Madera 36.96160 / -1 Zone-11 N40 T11S, R19E, HWY 41 NOF POOLS IN M GRASSLAND ROLLING PL SEE WWW.E	e occurrence (3611987), Gregg (361198 19.86737 194455 E244714 Sec. 23, N (M) RTH FROM FRESNO TO AV EANDERS OF EPHEMERA D.	Presence: Trend: 8) VENUE 15 THE L CREEKS. PC INABLE TO CC	Presumed Ext Unknown EN 3 MILES WES DOLS VERY DEI	Accuracy: Elevation (ft): Acres: ST. AREA INCLL NSE IN SOME A DRISTIC CLASSI	Site Last Seen: Record Last Updated: 1 mile 350 0.0 UDES 3 SECTIONS. REAS OF 1-5 ACRES. W/IN	1980-04-29 1998-07-15 ANNUAL O.



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Occurrence No.	36	Map Index: 14580	EO Index:	27313	Element Last Seen:	1980-04-28
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1980-04-28
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown	Record Last Updated:	1998-07-15
Quad Summary:	Lanes Bridg	je (3611987), Little Table M	tn. (3711917)			
County Summary:	Madera					
Lat/Long:	37.00272 / -	119.85487		Accuracy:	1 mile	
UTM:	Zone-11 N4	098985 E245964		Elevation (ft):	400	
PLSS:	T11S, R19E	, Sec. 01, W (M)		Acres:	0.0	
Location:	10 MILES E	AST OF MADERA ON AVE	NUE 15. AREA	INCLUDES SECTIONS 1 & 2. (A	CTUALLY EAST ON HWY 14	5).
Detailed Location:		RM IN MEANDERS OF EPI V/IN ANNUAL GRASSLANI		EKS. SOME AREAS OF 1-5 ACR	ES W/ VERY DENSE VERNA	AL POOL
Ecological:	ROLLING P	LAIN BUT FAIRLY LEVEL.	UNABLE TO CO	INVERT TO FLORISTIC CLASS	IFICATION, LACKS SPP. INF	0.
General:		.DFG.CA.GOV/BIOGEODA ENCE OF RARE COMMUN		ATURAL_COMM_BACKGROUN	ND.ASP TO INTERPRET AND	ADDRESS
Owner/Manager:	UNKNOWN					
Owner/Manager.	UNINOVIA					
Occurrence No.	122	Map Index: 20262	EO Index:	14614	Element Last Seen:	1991-04-XX
			EO Index: Presence:	14614 Presumed Extant	Element Last Seen: Site Last Seen:	1991-04-XX 1991-04-XX
Occurrence No.	122 Excellent					
Occurrence No. Occ. Rank:	122 Excellent	Map Index: 20262	Presence:	Presumed Extant	Site Last Seen:	1991-04-XX
Occurrence No. Occ. Rank: Occ. Type:	122 Excellent Natural/Nati	Map Index: 20262	Presence:	Presumed Extant	Site Last Seen:	1991-04-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	122 Excellent Natural/Nati	Map Index: 20262 ve occurrence 986)	Presence:	Presumed Extant	Site Last Seen:	1991-04-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	122 Excellent Natural/Nati Friant (3611 Fresno 36.95532 / -	Map Index: 20262 ve occurrence 986)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	1991-04-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	122 Excellent Natural/Nati Friant (3611 Fresno 36.95532 / - Zone-11 N4	Map Index: 20262 ve occurrence 986) -119.71101	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: nonspecific area	1991-04-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	122 Excellent Natural/Nati Friant (3611 Fresno 36.95532 / - Zone-11 N4 T11S, R21E	Map Index: 20262 ve occurrence 986) -119.71101 093350 E258618 E, Sec. 20 (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: nonspecific area 400 295.3	1991-04-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	122 Excellent Natural/Nati Friant (3611 Fresno 36.95532 / - Zone-11 N4 T11S, R21E ABOUT TW	Map Index: 20262 ve occurrence 986) 119.71101 093350 E258618 E, Sec. 20 (M) O AIR MILES SOUTH OF F S VERNAL POOLS DISTRI	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: nonspecific area 400 295.3 KE RECREATION AREA.	1991-04-XX 1998-07-15
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	122 Excellent Natural/Nati Friant (3611 Fresno 36.95532 / - Zone-11 N4 T11S, R21E ABOUT TW NUMEROU SECTIONS CONTAINS	Map Index: 20262 ve occurrence 986) 119.71101 093350 E258618 E, Sec. 20 (M) O AIR MILES SOUTH OF F S VERNAL POOLS DISTRI 19 AND 20. AT LEAST ONE LISTED S	Presence: Trend: RIANT, AND ON BUTED OVER T	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: JE AIR MILE EAST OF LOST LA	Site Last Seen: Record Last Updated: nonspecific area 400 295.3 KE RECREATION AREA. JLK LYING ON THE BORDER	1991-04-XX 1998-07-15 R BETWEEN
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	122 Excellent Natural/Nati Friant (3611 Fresno 36.95532 / - Zone-11 N4 T11S, R21E ABOUT TW NUMEROU SECTIONS CONTAINS SALAMANE BEST AND WWW.DFG	Map Index: 20262 ve occurrence 986) 119.71101 093350 E258618 5, Sec. 20 (M) O AIR MILES SOUTH OF F S VERNAL POOLS DISTRI 19 AND 20. AT LEAST ONE LISTED S DERS. SPECIES LIST NOT LARGEST EXAMPLE OF V	Presence: Trend: RIANT, AND ON BUTED OVER T PECIES (ORTHO AVAILABLE. UN (ERNAL POOLS EGCAMP/NATU	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: JE AIR MILE EAST OF LOST LA HREE SECTIONS WITH THE BI DCARPUS CAMPESTRIS SUCC	Site Last Seen: Record Last Updated: nonspecific area 400 295.3 KE RECREATION AREA. JLK LYING ON THE BORDER ULENTIS) AND POSSIBLY T STIC CLASSIFICATION, LAC	1991-04-XX 1998-07-15 R BETWEEN IGER KS SPP. INFO



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Occurrence No.	123	Map Index: 14504	EO Index:	6673	Element Last Seen:	1986-05-21
Occ. Rank:	Poor	Map Index. 14504	Presence:	Presumed Extant	Site Last Seen:	1986-05-21
Occ. Type:		ative occurrence	Trend:	Decreasing	Record Last Updated:	1998-07-15
				Decreasing		1000 01 10
Quad Summary:	Gregg (36	11988)				
County Summary:	Madera					
Lat/Long:		/ -119.89480		Accuracy:	specific area	
UTM:		4086051 E242014		Elevation (f		
PLSS:	T12S, R19	9E, Sec. 16, SE (M)		Acres:	7.3	
Location:	1/2 MILE N	NW OF THE INTERSECTIO	N OF AVENUE	9 AND ROAD 36.		
Detailed Location:						
Ecological:	AND ORC		DUCED SPECIE		BROMUS MOLLIS, AGOSERIS, HE ORCUTTIA. UNABLE TO CC	
General:	WWW.DF	FROM DISKING PROBABLY G.CA.GOV/BIOGEODATA/VE CE OF RARE COMMUNITIES	EGCAMP/NATU		D.ASP TO INTERPRET AND ADI	DRESS THE
Owner/Manager:	PVT					
Occurrence No.	125	Map Index: 25121	EO Index:	14557	Element Last Seen:	1986-05-21
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	1986-05-21
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	1998-07-15
Occ. Type: Quad Summary:			Trend:	Unknown	Record Last Updated:	1998-07-15
		tive occurrence Ige (3611987)	Trend:	Unknown	Record Last Updated:	1998-07-15
Quad Summary:	Lanes Bric Madera		Trend:	Unknown Accuracy:	Record Last Updated:	1998-07-15
Quad Summary: County Summary:	Lanes Brid Madera 36.96801 /	lge (3611987)	Trend:		specific area	1998-07-15
Quad Summary: County Summary: Lat/Long:	Lanes Brid Madera 36.96801 / Zone-11 N	lge (3611987) / -119.83676	Trend:	Accuracy:	specific area	1998-07-15
Quad Summary: County Summary: Lat/Long: UTM:	Lanes Brid Madera 36.96801 / Zone-11 N T11S, R20	lge (3611987) / -119.83676 4095085 E247461		Accuracy: Elevation (fi Acres:	specific area): 365	1998-07-15
Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Lanes Brid Madera 36.96801 / Zone-11 N T11S, R20	lge (3611987) / -119.83676 4095085 E247461)E, Sec. 18, SW (M)		Accuracy: Elevation (fi Acres:	specific area): 365	1998-07-15
Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Lanes Brid Madera 36.96801 / Zone-11 N T11S, R20 JUST NOF VERNAL F INAEQUA	lige (3611987) / -119.83676 4095085 E247461)E, Sec. 18, SW (M) RTH OF AVENUE 15, 1/2 MIL POOLS IN CISMONTANE VA	E WEST OF RC	Accuracy: Elevation (f Acres: NAD 39 1/2.	specific area): 365	JTTIA
Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Lanes Brid Madera 36.96801 / Zone-11 N T11S, R20 JUST NOF VERNAL F INAEQUA PLAGIOBO UNABLE T WWW.DFO	Ige (3611987) / -119.83676 4095085 E247461)E, Sec. 18, SW (M) RTH OF AVENUE 15, 1/2 MIL POOLS IN CISMONTANE VA LIS IN ASSOCIATION WITH DTHRYS AND VULPIA MYUF FO CONVERT TO FLORISTIC	E WEST OF RC LLEY GRASSLA ORTHOCARPUS ROS. C CLASSIFICAT EGCAMP/NATUF	Accuracy: Elevation (f Acres: AD 39 1/2. ND. CRACKED CLAY SOILS S CAMPESTRIS SUCCULEN ION, LACKS SPP. INFO. SE	specific area): 365 9.4 S IN CENTER OF POOLS. ORCU ITIS, PSILOCARPHUS, DOWNIN	JTTIA NGIA,



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Occurrence No.	126	Map Index: 14573	EO Index:	9519	Element Last Seen:	1986-05-21
Occ. Rank:	Poor		Presence:	Presumed Extant	Site Last Seen:	1986-05-21
Осс. Туре:	Natural/Nati	ive occurrence	Trend:	Decreasing	Record Last Updated:	1998-07-15
Quad Summary:	Lanes Bridg	ge (3611987)				
County Summary:	Madera					
Lat/Long:	36.93331 / -	-119.85505		Accuracy:	specific area	
UTM:	Zone-11 N4	4091283 E245717		Elevation (ft):	325	
PLSS:	T11S, R19E	E, Sec. 36, NW (M)		Acres:	5.5	
Location:	JUST EAST	F OF ROAD 38, AND JUST N	ORTH OF THE	SE ARM OF THE MADERA CA	NAL.	
Detailed Location:	UNDER PG	&E POWER LINES.				
Ecological:	INCLUDE E			DISKED CAUSING IRREVERSI CARPHUS AND BROMUS RUBE		
General:		DFG.CA.GOV/BIOGEODAT		ATURAL_COMM_BACKGROUN	ID.ASP TO INTERPRET AND	ADDRESS
Owner/Manager:	PVT					
Occurrence No.	129	Map Index: 14334	EO Index:	26027	Element Last Seen:	1986-05-21
Occ. Rank:	Fair		Presence:	Presumed Extant	Site Last Seen:	1986-05-21
Осс. Туре:	Natural/Nati	ive occurrence	Trend:	Decreasing	Record Last Updated:	1998-07-15
Quad Summary:	Madara (26	(12081)				
County Summary:	Madera (36	12001)				
	Madera (50	12001)				
Lat/Long:	,			Accuracy:	specific area	
Lat/Long: UTM:	Madera 36.96793 / -			Accuracy: Elevation (ft):	specific area 290	
•	Madera 36.96793 / - Zone-10 N4	-120.00583		•		
UTM:	Madera 36.96793 / Zone-10 N4 T11S, R18E	-120.00583 4095505 E766555 E, Sec. 16, SE (M)	'ENUE 15, 1/2 M	Elevation (ft):	290 14.6	
UTM: PLSS:	Madera 36.96793 / Zone-10 N4 T11S, R18E	-120.00583 4095505 E766555 E, Sec. 16, SE (M)	'ENUE 15, 1/2 M	Elevation (ft): Acres:	290 14.6	
UTM: PLSS: Location:	Madera 36.96793 / - Zone-10 N4 T11S, R18E ON NORTH REMNANT ORCUTTIA	-120.00583 4095505 E766555 E, Sec. 16, SE (M) HAND SOUTH SIDES OF AV	GRASSLAND	Elevation (ft): Acres:	290 14.6 ANTA FE RAILWAY.	
UTM: PLSS: Location: Detailed Location:	Madera 36.96793 / - Zone-10 N4 T11S, R18E ON NORTH REMNANT ORCUTTIA CLASSIFIC FEWER OR WWW.DFG	-120.00583 4095505 E766555 E, Sec. 16, SE (M) HAND SOUTH SIDES OF AV VERNAL POOLS IN VALLEY PILOSA, PHALARIS, ERYN ATION, LACKS SPP. INFO. RCUTTIA PLANTS IN '86 THA	Y GRASSLAND GIUM, LYTHRL AN IN '83. HYDI	Elevation (ft): Acres: MILE EAST OF TOPEKA AND SA	290 14.6 ANTA FE RAILWAY. ROAD ARE IN DISKED WHEA BLE TO CONVERT TO FLOP ALTERED BY DISKING. SEE	RISTIC



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Northern Clayp Northern Claypar		Pool			Element Code: CTT	44120CA
Listing Status:	Federal:	None		CNDDB Element Ran	ks: Global: G1	
	State:	None			State: S1.1	
	Other:					
Habitat:	General:					
	Micro:					
Occurrence No.	6	Map Index: 14687	EO Index:	26474	Element Last Seen:	1980-01-XX
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1980-01-XX
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	1998-07-15
Quad Summary:	Fresno No	orth (3611977), Lanes Bridge	(3611987)			
County Summary:	Fresno, M	adera				
Lat/Long:	36.86226	/ -119.79161		Accuracy:	1 mile	
UTM:	Zone-11 N	4083231 E251138		Elevation (ft):	350	
PLSS:	T12S, R20	DE, Sec. 28, SW (M)		Acres:	0.0	
Location:	NORTH O	F PINEDALE. EAST SIDE BO	OUNDED BY FR	IANT ROAD. WEST SIDE BOUN	IDED BY RIVER BLUFF.	
Detailed Location:	ABOUT 70	00 ACRES.				
Ecological:		OF MIMA MOUNDS W/INTER NICA VAR. INAEQUALIS HE		LS. ENDANGERED ORTHOCAF D W/ HIGH % EXOTICS.	RPUS SUCCULENTUS, ORC	UTTIA
General:	WWW.DF		EGCAMP/NATU	ION, LACKS SPP. INFO. SEE RAL_COMM_BACKGROUND.AS	SP TO INTERPRET AND AD	DRESS THE
Owner/Manager:	UNKNOW	N				



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Great Valley Mi	ixed Ripar	ian Forest			Elemer	nt Code: CTT6	1420CA
Great Valley Mixe	ed Riparian Fo	orest					
Listing Status:	Federal:	None		CNDDB Element Ranl	ks: Global:	G2	
	State:	None			State:	S2.2	
	Other:						
Habitat:	General:						
	Micro:						
Occurrence No.	36	Map Index: 14761	EO Index:	15633	Element	Last Seen:	1983-10-27
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last	Seen:	1983-10-27
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record L	ast Updated:	1998-07-21
Quad Summary:	Friant (36	11986), Lanes Bridge (36119	87)				
County Summary:	Fresno, M	adera					
Lat/Long:	36.93375	/ -119.75252		Accuracy:	specific are	a	
UTM:	Zone-11 N	V4091063 E254853		Elevation (ft):	280		
PLSS:	T11S, R20	0E, Sec. 35, E (M)		Acres:	103.6		
Location:	BALL RAN	NCH ROOKERY VICINITY, A	LONG SAN JOA	QUIN RIVER, SOUTH OF LEDGI	ER ISLAND.		
Detailed Location:	MAP GEN	IERALIZED FROM 1983 USA	GE AERIAL PHO	DTOS.			
Ecological:		ASSOC W/POPULUS FREM AND W/VALLEY OAKS.	MONTII, SALIX S	PP, ALNUS RHOMBIFOLIA & PI	_ATANUS RAG	CEMOSA. ADJ	то
General:		N.DFG.CA.GOV/BIOGEODA SENCE OF RARE COMMUN		ATURAL_COMM_BACKGROUN	ID.ASP TO IN	TERPRET AND	ADDRESS



California Department of Fish and Wildlife



Sycamore Allu	vial Wood	land			Element Code: CTT6	2100CA
Sycamore Alluvia	al Woodland					
Listing Status:	Federal:	None		CNDDB Element Ra	nks: Global: G1	
	State:	None			State: S1.1	
	Other:					
Habitat:	General:					
	Micro:					
Occurrence No.	9	Map Index: 22658	EO Index:	17208	Element Last Seen:	1992-09-28
Occ. Rank:	Fair		Presence:	Presumed Extant	Site Last Seen:	1992-09-28
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	1998-07-21
Quad Summary:	Friant (36	11986)				
County Summary:	Fresno					
Lat/Long:	36.94031	/ -119.68562		Accuracy:	specific area	
UTM:	Zone-11 N	N4091621 E260832		Elevation (ft):	360	
PLSS:	T11S, R2	1E, Sec. 28, SW (M)		Acres:	28.5	
Location:	LITTLE D COUNTY	RY CREEK; NORTH OF ADJA	CENT AUBERF	RY ROAD AND JUST EAST OF	THE FRIANT-KERN CANAL I	N FRESNO
Detailed Location:		OLYGONS ALONG LITTLE DR SECTION 29 AND THE NE PA			ERN PART OF SECTION 28 IN	TO THE SE
Ecological:	SYCAMO	CLOSED WOODLAND ON A I RES WITH A DENSE, GRASS A GRASS AND SCATTERED N	Y UNDERSTOP	RY. THIS AREA IS WELL WAT		
General:		W.DFG.CA.GOV/BIOGEODATA SENCE OF RARE COMMUNIT		ATURAL_COMM_BACKGROU	IND.ASP TO INTERPRET AND	ADDRESS
Owner/Manager:	PVT					
Branchinecta I	ynchi				Element Code: ICBR	A03030
vernal pool fairy						
Listing Status:		Threatened		CNDDB Element Ra	nks: Global: G3	
-	State:	None			State: S3	
	Other:	IUCN_VU-Vulnerable				
Habitat:	General:	ENDEMIC TO THE GRASSL COAST MOUNTAINS, IN AS		E CENTRAL VALLEY, CENTRA ILLED POOLS.	L COAST MOUNTAINS, AND	SOUTH
	Micro:		ATER SANDST	TONE-DEPRESSION POOLS A	AND GRASSED SWALE, EART	H SLUMP, OR



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Occurrence No.	2	Map Index: A2375	EO Index:	8053		Element Last Seen:	2016-02-16
Occ. Rank:	Fair		Presence:	Presumed Ex	ktant	Site Last Seen:	1992-03-19
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2016-10-27
Quad Summary:	Lanes Bridge	e (3611987)					
County Summary:	Madera						
Lat/Long:	36.91581 / -1	19.78969			Accuracy:	nonspecific area	
UTM:	Zone-11 N40)89169 E251484			Elevation (ft):	365	
PLSS:	T12S, R20E,	Sec. 4, SE (M)			Acres:	84.0	
Location:	VICINITY OF FRIANT.	ROOT CREEK, EAST OF S	STATE ROUTE	41 & ABOUT (0.6 MILE SOUTH	OF AVENUE 12, 9 MILES WE	EST OF
Detailed Location:	TO 1/2 MILE					TED "BETWEEN STATE RO E MAPPED TO COORDINAT	
Ecological:	SPADEFOO					ATUM & ERYNGIUM VASEY ED BY GRAZED GRASSLAN	
General:		SERVED IN 1 (POSSIBLY 2 DN 16 FEB 2016.) POOLS ON 1	8 MAR 1992. F	FOUND IN 4 POO	_S ON 19 MAR 1992. 1 ADUI	T OBSERVED
Owner/Manager:	PVT						
Occurrence No.	_						
	5	Map Index: 24599	EO Index:	6578		Element Last Seen:	2004-03-16
Occ. Rank:	5 Good	Map Index: 24599	EO Index: Presence:	6578 Presumed Ex	ktant	Site Last Seen:	2004-03-16 2004-03-16
Occ. Rank: Occ. Type:	Good	Map Index: 24599			ktant		
	Good Natural/Nativ	·	Presence: Trend:	Presumed Ex	ktant	Site Last Seen:	2004-03-16
Осс. Туре:	Good Natural/Nativ	e occurrence	Presence: Trend:	Presumed Ex	xtant	Site Last Seen:	2004-03-16
Occ. Type: Quad Summary:	Good Natural/Nativ Friant (36119	re occurrence 986), Lanes Bridge (3611987	Presence: Trend:	Presumed Ex	Accuracy:	Site Last Seen:	2004-03-16
Occ. Type: Quad Summary: County Summary:	Good Natural/Nativ Friant (36119 Madera 36.97667 / -1	re occurrence 986), Lanes Bridge (3611987	Presence: Trend:	Presumed Ex		Site Last Seen: Record Last Updated:	2004-03-16
Occ. Type: Quad Summary: County Summary: Lat/Long:	Good Natural/Nativ Friant (36119 Madera 36.97667 / -1 Zone-11 N40	e occurrence 986), Lanes Bridge (3611987 119.75240	Presence: Trend:	Presumed Ex	Accuracy:	Site Last Seen: Record Last Updated: specific area	2004-03-16
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Good Natural/Nativ Friant (36119 Madera 36.97667 / -1 Zone-11 N40 T11S, R20E,	ve occurrence 986), Lanes Bridge (3611987 119.75240 995826 E255000 Sec. 14, NE (M)	Presence: Trend:	Presumed E	Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 435	2004-03-16 2008-09-02
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Good Natural/Nativ Friant (36119 Madera 36.97667 / -1 Zone-11 N40 T11S, R20E, IN THE AREA	ve occurrence 986), Lanes Bridge (3611987 119.75240 995826 E255000 Sec. 14, NE (M)	Presence: Trend:) ADERA CANA	Presumed Ex Unknown	Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 435 18.0 SIDE OF LITTLE TABLE MOU	2004-03-16 2008-09-02
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Good Natural/Nativ Friant (36119 Madera 36.97667 / -1 Zone-11 N40 T11S, R20E, IN THE ARE, NE OF THE , "TYPICAL VE	re occurrence 286), Lanes Bridge (3611987 119.75240 295826 E255000 Sec. 14, NE (M) A OF THE JUNCTION OF M JUNCTION IN 1993. POOL I	Presence: Trend:) ADERA CANA D MAC-L-004. DEPRESSION,	Presumed E: Unknown L & ROAD 204 20.1 IN 2004 A CLEAR WATE	Accuracy: Elevation (ft): Acres: , ON THE EAST S T MADERA CANA R. ERYNGIUM EN	Site Last Seen: Record Last Updated: specific area 435 18.0 SIDE OF LITTLE TABLE MOU	2004-03-16 2008-09-02
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Good Natural/Nativ Friant (36119 Madera 36.97667 / -1 Zone-11 N40 T11S, R20E, IN THE ARE, NE OF THE A "TYPICAL VE SONCHUS, F	re occurrence 286), Lanes Bridge (3611987 119.75240 295826 E255000 Sec. 14, NE (M) A OF THE JUNCTION OF M JUNCTION IN 1993. POOL I ERNAL POOL, CIRCULAR D BROMUS DIANDRUS, TRIF	Presence: Trend:) ADERA CANA D MAC-L-004. DEPRESSION, OLIUM, ALEPO	Presumed E Unknown L & ROAD 204 20.1 IN 2004 A CLEAR WATE CURUS, AND (Accuracy: Elevation (ft): Acres: , ON THE EAST S T MADERA CANA R. ERYNGIUM EN CASTILLEA."	Site Last Seen: Record Last Updated: specific area 435 18.0 SIDE OF LITTLE TABLE MOU	2004-03-16 2008-09-02 UNTAIN.



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California Natural Diversity Database



Occurrence No.	12	Map Index: 33079	EO Index:	21302		Element Last Seen:	1994-03-25
Occ. Rank:	Unknown		Presence:	Presumed Extar	nt	Site Last Seen:	1994-03-25
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown		Record Last Updated:	1995-03-23
Quad Summary:	Gregg (36119	988)					
County Summary:	Madera						
Lat/Long:	36.93727 / -1	19.98413		А	ccuracy:	80 meters	
UTM:	Zone-11 N40	92075 E234232		E	levation (ft):	285	
PLSS:	T11S, R18E,	Sec. 34, NE (M)		А	cres:	0.0	
Location:	SOUTH SIDE	E OF AVENUE 13, 0.1 MILI	E EAST OF THE	E RAILROAD TRA	CKS, 5 MILES	ENE OF MADERA.	
Detailed Location:							
Ecological:							
General:	COLLECTIO	N #RS-94-01 (ALSO INCLU	JDES LINDERIE	ELLA OCCIDENTA	ALIS), DEPOSIT	TED AT DFG-IFD.	
Owner/Manager:	UNKNOWN						
Occurrence No.	101	Map Index: 32551	EO Index:	1757		Element Last Seen:	1992-XX-XX
Occ. Rank:	None		Presence:	Possibly Extirpa	ited	Site Last Seen:	1992-XX-XX
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown		Record Last Updated:	2009-06-17
Quad Summary:	Friant (36119	986)					
County Summary:	Fresno						
Lat/Long:	36.91077 / -1	19.73529		A	ccuracy:	specific area	
UTM:	Zone-11 N40	88468 E256314		E	levation (ft):	360	
PLSS:	T12S, R20E,	Sec. 01, SE (M)		А	cres:	5.6	
Location:	1.2 KM SOU	TH OF THE INTERSECTIO	N BETWEEN V	VILLOW AVENUE	AND FRIANT F	ROAD; 10 KM SSW OF FRIA	NT.
Detailed Location:	3 CLOSELY	SITUATED POOLS: 1 LAR	GE POOL IN N	ORTHERN AREA	AND 2 SMALLE	ER POOLS IN SOUTHERN A	REA.
Ecological:		OOLS IN NON- NATIVE G			HILL TOPOGR	APHY. 2009 AERIAL PHOTO	SHOWS SITE
General:	"MANY" INDI PRESENT.	IVIDUALS OBSERVED IN	3 POOLS; WES	TERN SPADEFO	OT TOAD AND	CALIFORNIA TIGER SALAM	IANDER ALSO
Owner/Manager:	PVT						
Occurrence No.	125	Map Index: 34786	EO Index:	18853		Element Last Seen:	1993-02-17
Occ. Rank:	Good		Presence:	Presumed Extar	nt	Site Last Seen:	1993-02-17
Осс. Туре:	Natural/Nativ	re occurrence	Trend:	Unknown		Record Last Updated:	1996-06-07
Quad Summary:	Little Table N	1tn. (3711917)					
County Summary:	Madera						
Lat/Long:	37.00472 / -1	19.83704		A	ccuracy:	1/5 mile	
UTM:	Zone-11 N40	99159 E247557		E	levation (ft):	418	
PLSS:	T11S, R20E,	Sec. 06, NW (M)		А	cres:	0.0	
Location:	SOUTH OF N	MADERA CANAL, APPRO	K. 0.6 KM SOUT	H OF INTERSEC	TION OF HIGH	WAY 145 AND ROAD 208.	
Detailed Location:	MANY POOL	S PRESENT AT SITE, BU	T ONLY 4 SAMI	PLED.			
Ecological:	CLAYPAN VI	ERNAL POOLS AND SWA	LES IN NON-NA	ATIVE GRASSLAN	ND.		
General:		CTA LYNCHI COLLECTEI APHIOPUS HAMMONDII P				CCIDENTALIS CO-EXISITE	D IN SAME 3
Owner/Manager:	UNKNOWN			ANGLOI FUULO.			

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Report Printed on Wednesday, September 11, 2019



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Occurrence No.	127	Map Index: 33338	EO Index:	21886		Element Last Seen:	1993-02-17
Occ. Rank:	Good		Presence:	Presumed Ex	tant	Site Last Seen:	1993-02-17
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown		Record Last Updated:	1996-06-07
Quad Summary:	Lanes Bridge	(3611987)					
County Summary:	Madera						
Lat/Long:	36.96913 / -1	19.82762			Accuracy:	80 meters	
UTM:	Zone-11 N40	95185 E248279			Elevation (ft):	370	
PLSS:	T11S, R20E,	Sec. 18, SE (M)			Acres:	0.0	
Location:	0.25 MILE EA	AST OF ROAD 39-1/2 ALIGN	IMENT AND 0	.2 MILE NORTH	H OF AVENUE 15,	, WEST OF LITTLE TABLE N	IOUNTAIN.
Detailed Location:	4 POOLS SA	MPLED IN A SERIES.					
Ecological:		ERNAL POOLS AND SWALE ALSO PRESENT.	ES IN NON-NA	ATIVE GRASSL	AND. LINDERIELI	LA OCCIDENTALIS AND SC	APHIOPUS
General:	G. KIRKPATI	RICK COLLECTED SHRIMP	IN ALL 4 SAM	IPLED POOLS	ON 17 FEBRUAR	Y 1993.	
Owner/Manager:	PVT						
Occurrence No.	129	Map Index: 14592	EO Index:	25271		Element Last Seen:	1993-02-17
Occ. Rank:	Good		Presence:	Presumed Ex	dant	Site Last Seen:	1993-02-17
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown		Record Last Updated:	1998-08-06
Quad Summary:	Lanes Bridge	(3611987)					
County Summary:	Madera						
Lat/Long:	36.96855 / -1	19.84268			Accuracy:	nonspecific area	
UTM:	Zone-11 N40	95160 E246936			Elevation (ft):	375	
PLSS:	T11S, R19E,	Sec. 13, SW (M)			Acres:	127.6	
Location:	NW OF INTE LITTLE TABL		AND AVE 39	1/2, NORTH O	F LITTLE DRY CR	EEK, APPROX. 4.5 AIR MIL	ES W OF
Detailed Location:	SAMPLED 2	POOLS IN A SERIES.					
Ecological:	CLAYPAN VI	ERNAL POOLS AND SWALE	ES IN NON-NA	ATIVE GRASSL	AND.		
General:	OCCIDENTA					DEMY OF SCIENCE; LINDE CAPHIOPUS HAMMONDII OI	
Owner/Manager:	PVT						



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Occurrence No.	148	Map Index: 33666	EO Index:	30639	Element Last Seen:	1993-03-12
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1993-03-12
Occ. Type:	Natural/Nati	ive occurrence	Trend:	Unknown	Record Last Updated:	1997-03-17
Quad Summary:	Round Mou	ntain (3611975), Clovis (361	1976)			
County Summary:	Fresno		,			
Lat/Long:	36.81407 / -	-119.63591		Accuracy:	3/5 mile	
UTM:	Zone-11 N4	077489 E264873		Elevation (ft)	385	
PLSS:	T13S, R21E	E, Sec. 12 (M)		Acres:	0.0	
Location:	EAST OF D	E WOLF AVE AND SOUTH	OF BULLARD A	VE, EAST OF CLOVIS.		
Detailed Location:	1 FEATURE OBSERVED		E IN SECTION	12. BRANCHINECTA LYNCH	OBSERVED. NO LEPIDURUS	PACKARDI
Ecological:	NATURAL	VERNAL POOL.				
General:	SUGNET R	ECORD NUMBER 98.				
Owner/Manager:	UNKNOWN					
Occurrence No.	189	Map Index: 36859	EO Index:	31856	Element Last Seen:	2007-03-14
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2007-03-14
Осс. Туре:	Natural/Nati	ive occurrence	Trend:	Unknown	Record Last Updated:	2014-10-21
Quad Summary:	Friant (3611	986)				
County Summary:	Fresno					
Lat/Long:	00 00070 /					
	36.966737-	-119.70002		Accuracy:	80 meters	
UTM:		-119.70002 094589 E259633		Accuracy: Elevation (ft)		
UTM: PLSS:	Zone-11 N4			•		
-	Zone-11 N4 T11S, R21E	094589 E259633 E, Sec. 20, N (M) MILES SE OF N FRIANT RE	O AT E BELCHE	Elevation (ft) Acres:	460	ILLERTON RD
PLSS: Location:	Zone-11 N4 T11S, R21E ABOUT 1.4 SE OF FRIA 1993 COLLI MILLERTOI	094589 E259633 E, Sec. 20, N (M) MILES SE OF N FRIANT RE ANT. ECTION LOCATION GIVEN	AS "VERNAL P	Elevation (ft) Acres: R AVE & 1.8 MILES S OF TH OOL 16 MILES N OF FRESN	460 0.0	LAKE
PLSS:	Zone-11 N4 T11S, R21E ABOUT 1.4 SE OF FRIA 1993 COLLI MILLERTON WELLINGTO 1993: VERM	IO94589 E259633 E, Sec. 20, N (M) MILES SE OF N FRIANT RE ANT. ECTION LOCATION GIVEN N T11S R21E S17," EXACT I ON RANCH PROPERTY. NAL POOL, LIKELY IN AREA	AS "VERNAL P LOCATION UNI	Elevation (ft) Acres: R AVE & 1.8 MILES S OF TH OOL 16 MILES N OF FRESN NOWN. MAPPED TO COOR	E FRIANT KERN CANAL AT M C; 1 MILE S OF FRIANT DAM, I DINATES GIVEN FOR 2007 DE D7: POOLS IN GRAZED, NON-1	LAKE TECTION ON
PLSS: Location: Detailed Location:	Zone-11 N4 T11S, R21E ABOUT 1.4 SE OF FRI/ 1993 COLLI MILLERTOI WELLINGTO 1993: VERN GRASSLAN COLLECTE	IO94589 E259633 E, Sec. 20, N (M) MILES SE OF N FRIANT RE ANT. ECTION LOCATION GIVEN N T11S R21E S17," EXACT I ON RANCH PROPERTY. NAL POOL, LIKELY IN AREA ND WITH MODERATE UNDU	AS "VERNAL P LOCATION UNI JUST NORTH JLATING TOPO IPRIL 1993; SEI	Elevation (ft) Acres: R AVE & 1.8 MILES S OF TH OOL 16 MILES N OF FRESN (NOWN. MAPPED TO COOR OF THIS OCCURRENCE. 20 GRAPHY; LINDERIELLA OCC NT TO DENTON BELK FOR I	E FRIANT KERN CANAL AT M C; 1 MILE S OF FRIANT DAM, I DINATES GIVEN FOR 2007 DE D7: POOLS IN GRAZED, NON-1	LAKE TECTION ON NATIVE



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Occurrence No.	198	Map Index: 40245	EO Index:	35247	Element Last Seen:	1998-02-14
Occ. Rank:	Fair		Presence:	Presumed Extant	Site Last Seen:	1998-02-14
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2014-12-18
Quad Summary:	Friant (3611	986)				
County Summary:	Fresno					
Lat/Long:	36.97622 / -	119.66868		Accuracy:	nonspecific area	
UTM:	Zone-11 N4	095563 E262453		Elevation (ft):	600	
PLSS:	T11S, R21E	, Sec. 15 (M)		Acres:	937.4	
Location:		NEW TOWN PROPERTY, I BERRY ROAD.	MMEDIATELY	SOUTH OF MILLERTON ROAD	, EAST OF FRIANT-KERN C	ANAL, AND
Detailed Location:	MAPPED TO	D BOUNDARIES OF AREA S	URVEYED IN	1998; EXACT DETECTION AND	COLLECTION LOCATIONS	UNKNOWN.
Ecological:				ATIVE ANNUAL GRASSLAND W QUALITY, THE REST OF THE S		
General:		9 COLLECTED (CASIZ #115		Z #115427, 115428). ONES TO H BRANCHINECTA CYSTS FOUN		
Owner/Manager:	PVT					
-						
Occurrence No.	214	Map Index: 41666	EO Index:	41666	Element Last Seen:	1999-03-13
Occurrence No. Occ. Rank:		Map Index: 41666	EO Index: Presence:	41666 Presumed Extant	Element Last Seen: Site Last Seen:	1999-03-13 1999-03-13
	214 Fair	Map Index: 41666				
Occ. Rank:	214 Fair	ve occurrence	Presence:	Presumed Extant	Site Last Seen:	1999-03-13
Occ. Rank: Occ. Type:	214 Fair Natural/Nativ	ve occurrence	Presence:	Presumed Extant	Site Last Seen:	1999-03-13
Occ. Rank: Occ. Type: Quad Summary:	214 Fair Natural/Nativ Lanes Bridg	ve occurrence e (3611987)	Presence:	Presumed Extant	Site Last Seen:	1999-03-13
Occ. Rank: Occ. Type: Quad Summary: County Summary:	214 Fair Natural/Nativ Lanes Bridg Madera 36.94479 / -	ve occurrence e (3611987)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	1999-03-13
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	214 Fair Natural/Nativ Lanes Bridg Madera 36.94479 / - Zone-11 N44	ve occurrence e (3611987) 119.76380	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: 80 meters	1999-03-13
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	214 Fair Natural/Nation Lanes Bridg Madera 36.94479 / - Zone-11 N40 T11S, R20E	ve occurrence e (3611987) 119.76380 092317 E253883 , Sec. 26, SW (M) :REEK THAT DRAINS LITTLI	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 80 meters 390 0.0	1999-03-13 2014-10-17
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	214 Fair Natural/Nativ Lanes Bridg Madera 36.94479 / - Zone-11 N44 T11S, R20E WEST OF C & HIGHWAY	ve occurrence e (3611987) 119.76380 092317 E253883 , Sec. 26, SW (M) :REEK THAT DRAINS LITTLI (41.	Presence: Trend: E TABLE MTN	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 80 meters 390 0.0 IGHWAY 41, 2.2 MILES NE 0	1999-03-13 2014-10-17 DF AVENUE 12
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	214 Fair Natural/Natin Lanes Bridg Madera 36.94479 / - Zone-11 N44 T11S, R20E WEST OF C & HIGHWAN VERNAL PC VERNAL PC	ve occurrence e (3611987) 119.76380 092317 E253883 , Sec. 26, SW (M) REEK THAT DRAINS LITTLI (41. DOL 1 MILE NORTHWEST O	Presence: Trend: E TABLE MTN F, AND ADJAC	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: , 2 MILES SE OF ROAD 204 & H	Site Last Seen: Record Last Updated: 80 meters 390 0.0 IGHWAY 41, 2.2 MILES NE C	1999-03-13 2014-10-17 DF AVENUE 12 R MILE 261.
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	214 Fair Natural/Nativ Lanes Bridg Madera 36.94479 / - Zone-11 N44 T11S, R20E WEST OF C & HIGHWAN VERNAL PC CURRENT D	ve occurrence e (3611987) 119.76380 092317 E253883 , Sec. 26, SW (M) REEK THAT DRAINS LITTLI (41. DOL 1 MILE NORTHWEST O DOL IN NON-NATIVE GRASS JSE IS CATTLE GRAZING.	Presence: Trend: E TABLE MTN F, AND ADJAC SLAND. SURRO	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: , 2 MILES SE OF ROAD 204 & H CENT TO CREEK THAT DRAINS	Site Last Seen: Record Last Updated: 80 meters 390 0.0 IGHWAY 41, 2.2 MILES NE 0 INTO, SAN JOAQUIN RIVER ULTURE, HOUSING DEVELO	1999-03-13 2014-10-17 DF AVENUE 12 R MILE 261. DPMENT.



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Occurrence No.	220	Map Index: 41787	EO Index:	41787		Element Last Seen:	1999-03-13
Occ. Rank:	Fair		Presence:	Presumed E	xtant	Site Last Seen:	1999-03-13
Осс. Туре:	Natural/Nati	ive occurrence	Trend:	Unknown		Record Last Updated:	2014-10-17
Quad Summary:	Lanes Bridg	je (3611987)					
County Summary:	Madera						
Lat/Long:	36.93993 / -	-119.76693			Accuracy:	80 meters	
UTM:	Zone-11 N4	091786 E253589			Elevation (ft):	440	
PLSS:	T11S, R20E	E, Sec. 27, NE (M)			Acres:	0.0	
Location:	UPPER RO AVENUE 12	OT CREEK DRAINAGE, 1.7 2.	MILES SE OF I	HIGHWAY 41 /	AND ROAD 204, 2	.2 MILES NE OF HIGHWAY	41 AND
Detailed Location:							
Ecological:		OOL IN NON-NATIVE GRASS DEVELOPMENT.	SLAND GRAZE	D BY CATTLE	. SURROUNDING	LAND USES WERE AGRIC	JLTURE AND
General:		S OBSERVED, 40 FOR THE (CASIZ #122194, 122195, 12			RRENCES 214, 22	20 AND 221) COLLECTED AI	ND SENT TO
Owner/Manager:	PVT						
Occurrence No.	221	Map Index: 41788	EO Index:	41788		Element Last Seen:	1999-03-13
Occ. Rank:	Fair		Presence:	Presumed E	xtant	Site Last Seen:	1999-03-13
Осс. Туре:	Natural/Nati	ive occurrence	Trend:	Unknown		Record Last Updated:	2014-10-17
Quad Summary:	Lanes Bridg	je (3611987)					
County Summary:	Madera						
Lat/Long:	36.94793 / -	-119.76777			Accuracy:	80 meters	
UTM:	Zone-11 N4	092675 E253540			Elevation (ft):	390	
PLSS:	T11S, R20E	E, Sec. 27, SE (M)			Acres:	0.0	
Location:	UPPER RO 12.	OT CREEK DRAINAGE, 2 M	ILES SE OF HI	GHWAY 41 AN	ND ROAD 204, 1.9	MILES NE OF HIGHWAY 41	AND AVENUE
Detailed Location:							
Ecological:	VERNAL PO	OOL IN NON-NATIVE GRAS	SLAND. SURR	OUNDING LAN	ID GRAZED BY C	ATTLE.	
General:		S OBSERVED, APPROXIMA D AND SENT TO CAS, 1999					21)
Owner/Manager:	PVT						



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Occurrence No.	295 Map Index: 45617	EO Index:	45617	Element Last Seen:	2004-03-18
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:	2004-03-18
Осс. Туре:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:	2014-10-14
Quad Summary:	Little Table Mtn. (3711917)				
County Summary:	Madera				
Lat/Long:	37.01099 / -119.82051		Accuracy:	specific area	
UTM:	Zone-11 N4099812 E249049		Elevation (ft):	450	
PLSS:	T10S, R20E, Sec. 32 (M)		Acres:	23.0	
Location:	NORTH AND SOUTH OF HIGHWA	AY 145, 0.6-1 MILES	EAST OF ROAD 208, 7 MILES V	VEST OF MILLERTON LAKE	
Detailed Location:	2001: IN RIGHT-OF-WAY N OF H PROVIDED MAPS & COORDINAT R-011, PER PROVIDED SHAPEFI	TES GIVEN WITH MU			
Ecological:	2001: TWO DISTURBED POOLS I 2004: VERY LARGE, LINEAR, CLI			WAY 145 AND GRAZED GRA	ASSLAND.
General:	A TOTAL OF 17 ADULTS OBSER ONE B. LYNCHI OBSERVED ON			2001 (CASIZ #154887, 15488	9). AT LEAST
Owner/Manager:	CALTRANS				
Occurrence No.	300 Map Index: 45644	EO Index:	45644	Element Last Seen:	2001-03-14
Occurrence No. Occ. Rank:	300 Map Index: 45644 Good	EO Index: Presence:	45644 Presumed Extant	Element Last Seen: Site Last Seen:	2001-03-14 2001-03-14
	•				
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:	2001-03-14
Occ. Rank: Occ. Type:	Good Natural/Native occurrence	Presence:	Presumed Extant	Site Last Seen:	2001-03-14
Occ. Rank: Occ. Type: Quad Summary:	Good Natural/Native occurrence Gregg (3611988)	Presence:	Presumed Extant	Site Last Seen:	2001-03-14
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Good Natural/Native occurrence Gregg (3611988) Madera	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2001-03-14
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Good Natural/Native occurrence Gregg (3611988) Madera 36.99813 / -119.98208	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: 80 meters	2001-03-14
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Good Natural/Native occurrence Gregg (3611988) Madera 36.99813 / -119.98208 Zone-11 N4098823 E234626	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 80 meters 342 0.0	2001-03-14
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Good Natural/Native occurrence Gregg (3611988) Madera 36.99813 / -119.98208 Zone-11 N4098823 E234626 T11S, R18E, Sec. 02, SW (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: DRADO DRIVE, SOUTH OF MAD	Site Last Seen: Record Last Updated: 80 meters 342 0.0	2001-03-14
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Good Natural/Native occurrence Gregg (3611988) Madera 36.99813 / -119.98208 Zone-11 N4098823 E234626 T11S, R18E, Sec. 02, SW (M) NORTH SIDE OF HIGHWAY 145 /	Presence: Trend: AND EAST OF EL DO	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: DRADO DRIVE, SOUTH OF MAD	Site Last Seen: Record Last Updated: 80 meters 342 0.0 DERA LAKE.	2001-03-14
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Good Natural/Native occurrence Gregg (3611988) Madera 36.99813 / -119.98208 Zone-11 N4098823 E234626 T11S, R18E, Sec. 02, SW (M) NORTH SIDE OF HIGHWAY 145 / POOL IS LOCATED NORTH OF H	Presence: Trend: AND EAST OF EL DO IIGHWAY 145, AT MI GE CULVERT POOL	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: DRADO DRIVE, SOUTH OF MAE ILEPOST 14.8. ; SURROUNDED BY RESIDENT	Site Last Seen: Record Last Updated: 80 meters 342 0.0 DERA LAKE. IAL OPEN SPACE.	2001-03-14



California Department of Fish and Wildlife



Occurrence No.	301 Map Index: 94	151 EO Index:	45645	Element Last Seen:	2007-03-12
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:	2007-03-12
Осс. Туре:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:	2014-10-14
Quad Summary:	Little Table Mtn. (3711917)				
County Summary:	Madera				
Lat/Long:	37.00990 / -119.83972		Accuracy:	specific area	
UTM:	Zone-11 N4099742 E247336		Elevation (ft):	424	
PLSS:	T11S, R19E, Sec. 01 (M)		Acres:	32.0	
Location:	NE CORNER OF HWY 145 AN LITTLE TABLE MOUNTAIN.	D RD 208 AND NE SIDE	OF MADERA CANAL N AND S	OF THE HWY 145 CROSSIN	IG, W OF
Detailed Location:			F CANAL, PER PROVIDED SH ER OF HWY 145 & RD 208.	APEFILE. 2007: MAPPED TO	
Ecological:		AL POOLS IN GRAZED I	ND DITCH IN GRAZED ANNUAL NON-NATIVE GRASSLAND WIT FOUND.		
General:			BSERVED ON 18 MAR 2004. 1 (S FOUND IN 1 OUT OF 3 POOL		
Owner/Manager:	USBOR, CALTRANS, PVT				
Occurrence No.	302 Map Index: 450	646 EO Index:	45646	Element Last Seen:	2007-03-12
Occurrence No. Occ. Rank:	302 Map Index: 450 Good	646 EO Index: Presence:	45646 Presumed Extant	Element Last Seen: Site Last Seen:	2007-03-12 2007-03-12
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:	2007-03-12
Occ. Rank: Occ. Type:	Good Natural/Native occurrence	Presence:	Presumed Extant	Site Last Seen:	2007-03-12
Occ. Rank: Occ. Type: Quad Summary:	Good Natural/Native occurrence Little Table Mtn. (3711917)	Presence:	Presumed Extant	Site Last Seen:	2007-03-12
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Good Natural/Native occurrence Little Table Mtn. (3711917) Madera	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2007-03-12
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Good Natural/Native occurrence Little Table Mtn. (3711917) Madera 37.01216 / -119.85158	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: specific area	2007-03-12
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Good Natural/Native occurrence Little Table Mtn. (3711917) Madera 37.01216 / -119.85158 Zone-11 N4100024 E246288 T10S, R19E, Sec. 36, NW (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: specific area 462 30.0	2007-03-12 2014-11-18
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Good Natural/Native occurrence Little Table Mtn. (3711917) Madera 37.01216 / -119.85158 Zone-11 N4100024 E246288 T10S, R19E, Sec. 36, NW (M) SW SIDE OF MADERA CANAL MOUNTAIN.	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 462 30.0 CROSSING; WEST OF LITTL	2007-03-12 2014-11-18 E TABLE
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Good Natural/Native occurrence Little Table Mtn. (3711917) Madera 37.01216 / -119.85158 Zone-11 N4100024 E246288 T10S, R19E, Sec. 36, NW (M) SW SIDE OF MADERA CANAL MOUNTAIN. 2001: POOL LOCATED ON SC SIDE OF HWY 145. 2001: DISTURBED POOL IN A	Presence: Trend: ., FROM 0.5 MI NW TO (OUTH SIDE OF HWY 145 HIGHWAY RIGHT-OF-V 0. 2007: VERNAL POOLS	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: 0.8 MI WSW OF THE HWY 145 (Site Last Seen: Record Last Updated: specific area 462 30.0 CROSSING; WEST OF LITTL HRNBERG PROPERTY; 5 PC	2007-03-12 2014-11-18 E TABLE DOLS ON N ERIELLA
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Good Natural/Native occurrence Little Table Mtn. (3711917) Madera 37.01216 / -119.85158 Zone-11 N4100024 E246288 T10S, R19E, Sec. 36, NW (M) SW SIDE OF MADERA CANAL MOUNTAIN. 2001: POOL LOCATED ON SC SIDE OF HWY 145. 2001: DISTURBED POOL IN A OCCIDENTALIS ALSO FOUNE UNDULATING TOPOGRAPHY	Presence: Trend: ., FROM 0.5 MI NW TO 0 OUTH SIDE OF HWY 145 HIGHWAY RIGHT-OF-V 0. 2007: VERNAL POOLS MAR 2001 AND DEPOS	Accuracy: Elevation (ft): Acres: 0.8 MI WSW OF THE HWY 145 (5, AT MILEPOST 22.1. 2007: NO WAY, ADJACENT TO GRAZED A S IN GRAZED NON-NATIVE AN SITED AT CAS. HUNDREDS DET	Site Last Seen: Record Last Updated: specific area 462 30.0 CROSSING; WEST OF LITTL HRNBERG PROPERTY; 5 PC ANNUAL GRASSLAND; LIND NUAL GRASSLAND; UND	2007-03-12 2014-11-18 E TABLE DOLS ON N ERIELLA ODERATE



California Department of Fish and Wildlife



Occurrence No.	322	Map Index: 48387	EO Index:	48387	Element Last Seen:	2002-02-16
Occ. Rank:	Excellent		Presence:	Presumed Extant	Site Last Seen:	2002-02-16
Осс. Туре:	Natural/Nati	ive occurrence	Trend:	Unknown	Record Last Updated:	2002-07-29
Quad Summary:	Friant (3611	1986)				
County Summary:	Fresno					
Lat/Long:	36.91179/-	-119.68856		Accuracy:	specific area	
UTM:	Zone-11 N4	088463 E260481		Elevation (ft):	435	
PLSS:	T12S, R21E	E, Sec. 04 (M)		Acres:	17.9	
Location:	5 MI SSE O KERN CAN		NORTH OF COP	PPER AVE & 1.4 - 1.7 MILES EA	AST OF AUBERRY RD, WES	f of Friant-
Detailed Location:						
Ecological:	HABITAT C	ONSISTS OF VERNAL POO	DLS IN ANNUAL	GRASSLAND. AREA IS USED	FOR CATTLE-GRAZING.	
General:				AND OCCURRENCE #323 (TO T S. SITE TARGETED TO BECOM		NUMBERS 609
Owner/Manager:	PVT					
Occurrence No.	323	Map Index: 48391	EO Index:	48391	Element Last Seen:	2002-02-16
Occurrence No. Occ. Rank:	323 Excellent	Map Index: 48391	EO Index: Presence:	48391 Presumed Extant	Element Last Seen: Site Last Seen:	2002-02-16 2002-02-16
	Excellent	Map Index: 48391				
Occ. Rank:	Excellent	ive occurrence	Presence:	Presumed Extant	Site Last Seen:	2002-02-16
Occ. Rank: Occ. Type:	Excellent Natural/Nati	ive occurrence	Presence:	Presumed Extant	Site Last Seen:	2002-02-16
Occ. Rank: Occ. Type: Quad Summary:	Excellent Natural/Nati Friant (3611	ive occurrence 1986)	Presence:	Presumed Extant	Site Last Seen:	2002-02-16
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Excellent Natural/Nati Friant (3611 Fresno 36.91512 / -	ive occurrence 1986)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2002-02-16
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Excellent Natural/Nati Friant (3611 Fresno 36.91512 / - Zone-11 N4	ive occurrence 1986) -119.67997	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: 80 meters	2002-02-16
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Excellent Natural/Nati Friant (3611 Fresno 36.91512 / - Zone-11 N4 T12S, R21E	ive occurrence 1986) -119.67997 1088811 E261257 E, Sec. 04, SE (M) SE OF FRIANT; 1.3 MILES N	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 80 meters 425 0.0	2002-02-16 2002-07-29
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Excellent Natural/Nati Friant (3611 Fresno 36.91512 / - Zone-11 N4 T12S, R21E 5 MILES SS	ive occurrence 1986) -119.67997 1088811 E261257 E, Sec. 04, SE (M) SE OF FRIANT; 1.3 MILES N	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 80 meters 425 0.0	2002-02-16 2002-07-29
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Excellent Natural/Nati Friant (3611 Fresno 36.91512 / - Zone-11 N4 T12S, R21E 5 MILES SS KERN CAN	ive occurrence 1986) 	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 80 meters 425 0.0 DF AUBERRY ROAD, WEST	2002-02-16 2002-07-29
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Excellent Natural/Nati Friant (3611 Fresno 36.91512 / - Zone-11 N4 T12S, R21E 5 MILES SS KERN CAN HABITAT C 1000'S OBS	ive occurrence 1986) -119.67997 -088811 E261257 E, Sec. 04, SE (M) SE OF FRIANT; 1.3 MILES N AL. CONSISTS OF VERNAL POO SERVED BETWEEN THIS C	Presence: Trend: IORTH OF COP	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: PER AVE AND 2 MILES EAST O	Site Last Seen: Record Last Updated: 80 meters 425 0.0 DF AUBERRY ROAD, WEST OR CATTLE-GRAZING. HE WEST) ON 16 FEB 2002.	2002-02-16 2002-07-29 OF FRIANT-



California Department of Fish and Wildlife



Occurrence No. 324 Map Index: 48392 EO Index: 48392 Element Last Seen: 2002-02-10 Occ. Rank: Excellent Presence: Presumed Extant Site Last Seen: 2002-02-10 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2002-02-10 Ouad Summary: Friant (3611986) Elevation (th): 375 Elevation (th): 375 Lat/Long: 36.92880 / -119.72742 Accuracy:: 80 meters 0.0 Location: ABOUT 4 MLES SW OF FRIANT; NEAR LITTLE DRY CREEK, 0.2 MLE EAST OF FRIANT ROAD. Detailed Location: Ecological: HABITAT CONSISTS OF NUMEROUS MOUNDS AND HARDPAN DEPRESSIONS (NEAR A RIPARIAN CORRIDOR) WITHIN AN ANNY CALLFORNIA TIGER SALAMANDERS, WESTERN SPADEFOOT TOADS, MIDVALLEY FAIRY SHRIMP AND GROUND SOURRELS IN VICINITY. General: 100% OBSERVED BETWEEN THIS OCCURRENCE AND OCCURRENCES #325 AND 326 (TO THE EAST) ON 10 FEB 2002. NUMBERS 601-607 COLLECTED FOR CALFORNIA ACADEMY OF SCIENCES. SITE IS USED FOR CATTLE-GRAZING AND IS TARGETED TO BECOME A MITIGATION BANK. Ovmer/Manager: PVT Occurrence No. 325 Map Index: 48393 EO Index: 48393 Element Last Seen: 2002-02-10 Occ. Rank: Excellent Presence: Presuned Extant Site Last Seen: 2002-02-10<							
Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2002-07-29 Quad Summary: Friant (3611996)	Occurrence No.	324	Map Index: 48392	EO Index:	48392	Element Last Seen:	2002-02-10
Oud Summary: Friant (3611986) County Summary: Fresno Lat/Long: 36.92880 / -119.72742 Accuracy: 80 meters UTM: Zone-11 N4090449 E257073 Elevation (ft): 375 PLSS: T11S, R21E, Sec. 31, SW (M) Acres: 0.0 Location: ABOUT 4 MILES SSW OF FRIANT; NEAR LITTLE DRY CREEK, 0.2 MILE EAST OF FRIANT ROAD. Detailed Location: Ecological: HABITAT CONSISTS OF NUMEROUS MOUNDS AND HARDPAN DEPRESSIONS (NEAR A RIPARIAN CORRIDOR) WITHIN AN ANNUAL GRASSLAND. MANY CALIFORNIA TIGER SALAMANDERS, WESTERN SPADEFOOT TOADS, MIDVALLEY FAIRY SHRIMP AND GROUND SQUIRRELIN VICINITY. General: 100'S OBSERVED BETWEEN THIS OCCURRENCE AND OCCURRENCES #325 AND 326 (TO THE EAST) ON 10 FEB 2002. NUMBERS 601-60'COLLECTED FOR CALIFORNIA ACADEMY OF SCIENCES. SITE IS USED FOR CATTLE-GRAZING AND IS TARGETED TO BECOME A MITIGATION BANK. Owner/Manager: PVT Occ. Rank: Excellent Presence: Presumed Extant Site Last Seen: 2002-02-10 Occ. Rank: Excellent Presence: Presumed Extant Site Last Updated: 2002-02-10 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2002-07-29 Quad Summary: Friesno Lat/Long: 30.9.9229 / -	Occ. Rank:	Excellent		Presence:	Presumed Extant	Site Last Seen:	2002-02-10
County Summary: Fresno Lat/Long: 36.92880 / -119.72742 Accuracy: 80 meters UTM: Zone-11 N4090449 E257073 Elevation (ft): 375 PLSS: T11S, R21E, Sec. 31, SW (M) Acres: 0.0 Location: ABOUT 4 MILES SSW OF FRIANT; NEAR LITTLE DRY CREEK, 0.2 MILE EAST OF FRIANT ROAD. Detailed Location: Ecological: HABITAT CONSISTS OF NUMEROUS MOUNDS AND HARDPAN DEPRESSIONS (NEAR A RIPARIAN CORRIDOR) WITHIN AN ANNUAL GRASSLAND. MANY CALIFORNIA TIGER SALAMANDERS, WESTERN SPADEFOOT TOADS, MIDVALLEY FAIRY SHRIMP AND GROUNDS SQUIRRELIN W VICINITY. General: 100'S OBSERVED BETWEEN THIS OCCURRENCE AND OCCURRENCES #325 AND 326 (TO THE EAST) ON 10 FEB 2002. NUMEROUS BOULECED FOR CALIFORNIA ACADEMY OF SCIENCES. SITE IS USED FOR CATTLE-GRAZING AND IS TARGETED TO BECOME A MITIGATION BANK. Owner/Manager: PVT Occurrence No. 325 Map Index: 48393 EO Index: 48393 Element Last Seen: 2002-02-10 Occ. Annk: Excellent Presence: Presumed Extant Site Last Seen: 2002-02-10 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2002-07-29 Quad Summary: Friant (3611986) Cocursoy: 80 meters 200-02-10 Location: 3.9 MILES DIRECTLY SOUTH OF FRIAN	Осс. Туре:	Natural/Native	e occurrence	Trend:	Unknown	Record Last Updated:	2002-07-29
Lat/Long: 36.92880 / -119.72742 Accuracy: 80 meters UTM: Zone-11 N4090449 E257073 Elevation (ft): 375 PLSS: T11S, R21E, Sec. 31, SW (M) Acres: 0.0 Location: ABOUT 4 MILES SSW OF FRIANT; NEAR LITTLE DRY CREEK, 0.2 MILE EAST OF FRIANT ROAD. Detailed Location: Ecological: HABITAT CONSISTS OF NUMEROUS MOUNDS AND HARDPAN DEPRESSIONS (NEAR A RIPARIAN CORRIDOR) WITHIN AN ANNUAL GRASSLAND. MANY CALIFORNIA TIGER SALAMANDERS, WESTERN SPADEFOOT TOADS, MIDVALLEY FAIRY SHRIMP AND GROUND SOUIRRELS IN VICINITY. General: 10075 OBSERVED BETWEEN THIS OCCURRENCE AND OCCURRENCES #325 AND 326 (TO THE EAST) ON 10 FEB 2002. NUMBERS 601-607 COLLECTED FOR CALIFORNIA ACADEMY OF SCIENCES. SITE IS USED FOR CATTLE-GRAZING AND IS TARGETED TO BECOME A MITIGATION BANK. Owner/Manager: PVT Occurrence No. 325 Map Index: 48393 EO Index: 48393 Element Last Seen: 2002-02-10 Occ. Rank: Excellent Presence: Presumed Extant Site Last Updated: 2002-07-29 Quad Summary: Friant (3611986) Courrence Trend: Unknown Record Last Updated: 2002-07-29 Location: 3.9 MILES DIFCTLY SOUTH OF FRIANT, APPROXIMATELY 0.3 MILE WEST OF AUBERRY ROAD, EAST OF CREEK. Detailed Location: Location: 3.9 MILES DIFCTLY SOUTH OF FRIANT, APPROXIM	Quad Summary:	Friant (361198	86)				
UTM: Zone-11 N4090449 E257073 Elevation (ft): 375 PLSS: T11S, R21E, Sec. 31, SW (M) Acres: 0.0 Location: ABOUT 4 MILES SSW OF FRIANT; NEAR LITTLE DRY CREEK, 0.2 MILE EAST OF FRIANT ROAD. Detailed Location: Ecological: ABITAT CONSISTS OF NUMEROUS MOUNDS AND HARDPAN DEPRESSIONS (NEAR A RIPARIAN CORRIDOR) WITHIN AN ANNUAL GRASSLAND. MANY CALIFORNIA TIGER SALAMANDERS, WESTERN SPADEFOOT TOADS, MIDVALLEY FAIRY SHRIMP AND GROUND SQUIRRELS IN VICINITY. General: 1005 SOBSERVED BETWEEN THIS OCCURRENCE AND OCCURRENCES x325 AND 326 (TO THE EAST) ON 10 FEB 2002. NUMBERS 601-607 COLLECTED FOR CALIFORNIA ACADEMY OF SCIENCES. SITE IS USED FOR CATTLE-GRAZING AND IS TARGETED TO BECOVER THIS OCCURRENCE AND OCCURRENCES. SITE IS USED FOR CATTLE-GRAZING AND IS TARGETED TO BECOVER THE CALIFORNIA ACADEMY OF SCIENCES. SITE IS USED FOR CATTLE-GRAZING AND IS TARGETED TO BECOVER TRIGOTO BARK. Owner/Manager: PYT Occurrence No. 325 Map Index: 48393 E0 Index: 48393 Element Last Seen: 2002-02-10 Occ. Rank: Excellent Presence: Presumed Extant Site Last Seen: 2002-02-10 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2002-07-29 Quad Summary: Frisant (3611986) Stele Last Seen: 2002-02-10 Stele Last Seen: 2002-02-10 County Summary: Fresno Accurac	County Summary:	Fresno					
PLSS: T11S, R21E, Sec. 31, SW (M) Acres: 0.0 Location: ABOUT 4 MILES SSW OF FRIANT; NEAR LITTLE DRY CREEK, 0.2 MILE EAST OF FRIANT ROAD. Detailed Location: HABITAT CONSISTS OF NUMEROUS MOUNDS AND HARDPAN DEPRESSIONS (NEAR A RIPARIAN CORRIDOR) WITHIN AN ANNUAL GRASSLAND. MANY CALIFORNIA TIGER SALAMANDERS, WESTERN SPADEFOOT TOADS, MIDVALLEY FAIRY SHRIMP AND GROUND SQUIRRELS IN VICINITY. General: 100'S OBSERVED BETWEEN THIS OCCURRENCE AND OCCURRENCES #325 AND 326 (TO THE EAST) ON 10 FEB 2002. NUMBERS 601-400 COLLECTED FOR CALIFORNIA ACADEMY OF SCIENCES. SITE IS USED FOR CATTLE-GRAZING AND IS TARGETED TO BECOME A MITIGATION BANK. Owner/Manager: P'T Occurrence No. 325 Map Index: 48393 EO Index: 48393 Element Last Seen: 2002-02-10 Occ. Rank: Excellent Presence: Presumed Extant Site Last Seen: 2002-02-10 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2002-02-10 Gound Summary: Fresno Elevation (ft): 360 PLSS: 111S, R21E, Sec. 31, SE (M) Accuracy: 80 meters UTM: Zone-11 N4090464 E258452 Elevation (ft): 360 PLSS: 0.0 Docation: 3.9 MILES DIRECTLY SOUTH OF FRIANT, APPROXIMATELY 0.3 MILE WEST OF AUBERRY ROAD, EAST OF CREEK.	Lat/Long:	36.92880 / -11	19.72742		Accuracy:	80 meters	
Location: ABOUT 4 MILES SSW OF FRIANT; NEAR LITTLE DRY CREEK, 0.2 MILE EAST OF FRIANT ROAD. Detailed Location: Ecological: HABITAT CONSISTS OF NUMEROUS MOUNDS AND HARDPAN DEPRESSIONS (NEAR A RIPARIAN CORRIDOR) WITHIN AN ANNUAL GRASSLAND. MANY CALIFORNIA TIGER SALAMANDERS, WESTERN SPADEFOOT TOADS, MIDVALLEY FAIRY SHRIMP AND GROUND SQUIRELS IN VICINITY. General: 100'S OBSERVED BETWEEN THIS OCCURRENCE AND OCCURRENCES #325 AND 326 (TO THE EAST) ON 10 FEB 2002. NUMBERS 601-607 COLLECTED FOR CALIFORNIA ACADEMY OF SCIENCES. SITE IS USED FOR CATTLE-GRAZING AND IS TARGETED TO BECOME A MITIGATION BANK. Owmer/Manager: PVT Occ. Rank: Excellent Poresence: Presence: Presence: Presumed Extant Site Last Seen: 2002-02-10 Occ. Rank: Excellent PVT Presence: Occ. Type: Natural/Native occurrence Tend: Unknown Record Last Updated: 2002-02-10 Occ. Type: Natural/Native occurrence Trend: Lat/Long: 36.92929/-119.71195 Accuracy: 80 meters UTM: Zone-11 N4090464 E258452 Elevation (ft): 360 PLSS: T11S, R21E, Sec. 31, SE (M) Acres: 0.0 Location: 3.9 MILES DIRECT	UTM:	Zone-11 N409	90449 E257073		Elevation (ft):	375	
Detailed Location: HABITAT CONSISTS OF NUMEROUS MOUNDS AND HARDPAN DEPRESSIONS (NEAR A RIPARIAN CORRIDOR) WITHIN AN ANNUAL GRASSLAND. MANY CALIFORNIA TIGER SALAMANDERS, WESTERN SPADEFOOT TOADS, MIDVALLEY FAIRY SHRIMP AND GROUND SQUIRRELS IN VICINITY. General: 100'S OBSERVED BETWEEN THIS OCCURRENCE AND OCCURRENCES #325 AND 326 (TO THE EAST) ON 10 FEB 2002. NUMBERS 601-607 COLLECTED FOR CALIFORNIA ACADEMY OF SCIENCES. SITE IS USED FOR CATTLE-GRAZING AND IS TARGETED TO BECOME A MITIGATION BANK. Owner/Manager: PVT Occurrence No. 325 Map Index: 48393 EO Index: 48393 Element Last Seen: 2002-02-10 Occ. Rank: Excellent Presence: Presumed Extant Site Last Seen: 2002-02-10 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2002-07-29 Quad Summary: Friant (3611986) County Summary: Fresno 2002-07-29 Lat/Long: 36.92929 / -119.71195 Accuracy: 80 meters 80 meters UTM: Zone-11 N4090464 E258452 Elevation (ft): 360 360 PLSS: T11S, R21E, Sec. 31, SE (M) Acres: 0.0 .0 .0 Location: 3.9 MILES DIRECTLY SOUTH OF FRIANT, APPROXIMATELY 0.3 MILE WEST OF AUBERRY ROAD, EAST OF CREEK. Detailed Location: Ecological: HABITAT CONSISTS OF NUMEROUS MOUNDS	PLSS:	T11S, R21E, S	Sec. 31, SW (M)		Acres:	0.0	
Ecological: HABITAT CONSISTS OF NUMEROUS MOUNDS AND HARDPAN DEPRESSIONS (NEAR A RIPARIAN CORRIDOR) WITHIN AN ANNUAL GRASSLAND. MANY CALIFORNIA TIGER SALAMANDERS, WESTERN SPADEFOOT TOADS, MIDVALLEY FAIRY SHRIMP AND GROUND SQUIRRELS IN VICINITY. General: 100'S OBSERVED BETWEEN THIS OCCURRENCE AND OCCURRENCES #325 AND 326 (TO THE EAST) ON 10 FEB 2002. NUMBERS 601-607 COLLECTED FOR CALIFORNIA ACADEMY OF SCIENCES. SITE IS USED FOR CATTLE-GRAZING AND IS TARGETED TO BECOME A MITIGATION BANK. Owner/Manager: PVT Occurrence No. 325 Map Index: 48393 EO Index: 48393 Element Last Seen: 2002-02-10 Occ. Rank: Excellent Presence: Presumed Extant Site Last Seen: 2002-02-10 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2002-07-29 Quad Summary: Friant (3611986) County Summary: Freesno Image: 2002-07-29 Lat/Long: 36.92929/-119.71195 Accuracy: 80 meters 80 meters UTM: Zone-11 N4090464 E258452 Elevation (ft): 360 Image: 0.0 Location: 3.9 MILES DIRECTLY SOUTH OF FRIANT, APPROXIMATELY 0.3 MILE WEST OF AUBERRY ROAD, EAST OF CREEK. Detailed Location: Ecological: HABITAT CONSISTS OF NUMEROUS MOUNDS AND HARDPAN DEPRESSIONS (NEAR A RIPARIAN CORRIDOR) WITHIN AN ANNUAL GRASSLAND, MANY CALIFORNIA TIGER SALAMANDERS, WESTERN SPADEFOOT TOADS,	Location:	ABOUT 4 MIL	ES SSW OF FRIANT; NEA	AR LITTLE DRY	CREEK, 0.2 MILE EAST OF FF	RIANT ROAD.	
ANNUAL GRASSLAND. MANY CALIFORNIA TIGER SALAMANDERS, WESTERN SPADEFOOT TOADS, MIDVALLÉY FAIRY SHRIMP AND GROUND SQUIRRELS IN VICINITY. General: 100'S OBSERVED BETWEEN THIS OCCURRENCE AND OCCURRENCES #325 AND 326 (TO THE EAST) ON 10 FEB 2002. NUMBERS 601-607 COLLECTED FOR CALIFORNIA ACADEMY OF SCIENCES. SITE IS USED FOR CATTLE-GRAZING AND IS TARGETED TO BECOME A MITIGATION BANK. Owner/Manager: PVT Occurrence No. 325 Map Index: 48393 EO Index: 48393 Element Last Seen: 2002-02-10 Occ. Rank: Excellent Presence: Presumed Extant Site Last Seen: 2002-02-10 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2002-07-29 Quad Summary: Friant (3611986) County Summary: Fresno Lat/Long: 36.92929/-119.71195 Accuracy: 80 meters UTM: Zone-11 N4090464 E258452 Elevation (ft): 360 PLSS: T11S, R21E, Sec. 31, SE (M) Acres: 0.0 Location: 3.9 MILES DIRECTLY SOUTH OF FRIANT, APPROXIMATELY 0.3 MILE WEST OF AUBERRY ROAD, EAST OF CREEK. Detailed Location: Ecological: HABITAT CONSISTS OF NUMEROUS MOUNDS AND HARDPAN DEPRESSIONS (NEAR A RIPARIAN CORRIDOR) WITHIN AN ANUAL GRASSLAND, MANY CALIFORNIA ACADEMY OF SCIENCES. SITE IS USED FOR CATTLE-GRAZING AND IS TARGETED TO BECOME A MITIGATION BANK.	Detailed Location:						
NUMBERS 601-607 COLLECTED FOR CALIFORNIA ACADEMY OF SCIENCES. SITE IS USED FOR CATTLE-GRAZING AND IS TARGETED TO BECOME A MITIGATION BANK. Owner/Manager: PVT Occurrence No. 325 Map Index: 48393 EO Index: 48393 Element Last Seen: 2002-02-10 Occ. Rank: Excellent Presence: Presumed Extant Site Last Seen: 2002-02-10 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2002-02-729 Quad Summary: Friant (3611986) Vite State Seen: 2002-02-10 State Seen: 2002-02-10 Quad Summary: Fresno Fresno Record Last Updated: 2002-07-29 Lat/Long: 36.92929 / -119.71195 Accuracy: 80 meters State Seen: 2002-07-29 UTM: Zone-11 N4090464 E258452 Elevation (ft): 360 PLSS: T11S, R21E, Sec. 31, SE (M) Acres: 0.0 Location: 3.9 MILES DIRECTLY SOUTH OF FRIANT, APPROXIMATELY 0.3 MILE WEST OF AUBERRY ROAD, EAST OF CREEK. Detailed Location: S.9 MILES DIRECTLY SOUTH OF FRIANT, APPROXIMATELY 0.3 MILE WEST OF AUBERRY ROAD, EAST OF CREEK. Seclogical: HABITAT CONSISTS OF NUMEROUS MOUNDS AND HARDPAN DEPRESSIONS (NEAR A RI	Ecological:	ANNUAL GRA	ASSLAND. MANY CALIFO	RNIA TIGER SA			
Occurrence No. 325 Map Index: 48393 EO Index: 48393 Element Last Seen: 2002-02-10 Occ. Rank: Excellent Presence: Presumed Extant Site Last Seen: 2002-02-10 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2002-07-29 Quad Summary: Friant (3611986)	General:	NUMBERS 60	01-607 COLLECTED FOR	CALIFORNIA A	ND OCCURRENCES #325 AND CADEMY OF SCIENCES. SITE	326 (TO THE EAST) ON 10 F IS USED FOR CATTLE-GRA	EB 2002. ZING AND IS
Occ. Rank: Excellent Presence: Presumed Extant Site Last Seen: 2002-02-10 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2002-07-29 Quad Summary: Friant (3611986) Unknown Record Last Updated: 2002-07-29 Quad Summary: Fresno Accuracy: 80 meters 2002-07-29 Lat/Long: 36.92929 / -119.71195 Accuracy: 80 meters 2002-07-29 UTM: Zone-11 N4090464 E258452 Elevation (ft): 360 2002 PLSS: T11S, R21E, Sec. 31, SE (M) Acres: 0.0 2002 Location: 3.9 MILES DIRECTLY SOUTH OF FRIANT, APPROXIMATELY 0.3 MILE WEST OF AUBERRY ROAD, EAST OF CREEK. 2002 Detailed Location: HABITAT CONSISTS OF NUMEROUS MOUNDS AND HARDPAN DEPRESSIONS (NEAR A RIPARIAN CORRIDOR) WITHIN AN ANNUAL GRASSLAND. MANY CALIFORNIA TIGER SALAMANDERS, WESTERN SPADEFOOT TOADS, MIDVALLEY FAIRY SHRIMP AND GROUND SQUIRRELS IN VICINITY. General: 100'S OBSERVED BETWEEN THIS OCCURRENCE AND OCCURRENCES 324 (TO WEST) & 326 (TO SOUTH) ON 10 FEB 2002. NUMBERS 601-607 COLLECTED FOR CALIFORNIA ACADEMY OF SCIENCES. SITE IS USED FOR CATTLE-GRAZING AND IS TARGETED TO BECOME A MITIGATION BANK.	Owner/Manager:	PVT					
Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2002-07-29 Quad Summary: Friant (3611986) County Summary: Fresno Elevation 80 meters Lat/Long: 36.92929 / -119.71195 Accuracy: 80 meters UTM: Zone-11 N4090464 E258452 Elevation (ft): 360 PLSS: T11S, R21E, Sec. 31, SE (M) Acres: 0.0 Location: 3.9 MILES DIRECTLY SOUTH OF FRIANT, APPROXIMATELY 0.3 MILE WEST OF AUBERRY ROAD, EAST OF CREEK. Detailed Location: 3.9 MILES DIRECTLY SOUTH OF FRIANT, APPROXIMATELY 0.3 MILE WEST OF AUBERRY ROAD, EAST OF CREEK. Detailed Location: BITAT CONSISTS OF NUMEROUS MOUNDS AND HARDPAN DEPRESSIONS (NEAR A RIPARIAN CORRIDOR) WITHIN AN ANNUAL GRASSLAND. MANY CALIFORNIA TIGER SALAMANDERS, WESTERN SPADEFOOT TOADS, MIDVALLEY FAIRY SHRIMP AND GROUND SQUIRRELS IN VICINITY. General: 100'S OBSERVED BETWEEN THIS OCCURRENCE AND OCCURRENCES 324 (TO WEST) & 326 (TO SOUTH) ON 10 FEB 2002. NUMBERS 601-607 COLLECTED FOR CALIFORNIA ACADEMY OF SCIENCES. SITE IS USED FOR CATTLE-GRAZING AND IS TARGETED TO BECOME A MITIGATION BANK.	Occurrence No				10202		
Quad Summary: Friant (3611986) County Summary: Fresno Lat/Long: 36.92929 / -119.71195 Accuracy: 80 meters UTM: Zone-11 N4090464 E258452 Elevation (ft): 360 PLSS: T11S, R21E, Sec. 31, SE (M) Acres: 0.0 Location: 3.9 MILES DIRECTLY SOUTH OF FRIANT, APPROXIMATELY 0.3 MILE WEST OF AUBERRY ROAD, EAST OF CREEK. Detailed Location: 3.9 MILES DIRECTLY SOUTH OF FRIANT, APPROXIMATELY 0.3 MILE WEST OF AUBERRY ROAD, EAST OF CREEK. Detailed Location: HABITAT CONSISTS OF NUMEROUS MOUNDS AND HARDPAN DEPRESSIONS (NEAR A RIPARIAN CORRIDOR) WITHIN AN ANNUAL GRASSLAND. MANY CALIFORNIA TIGER SALAMANDERS, WESTERN SPADEFOOT TOADS, MIDVALLEY FAIRY SHRIMP AND GROUND SQUIRRELS IN VICINITY. General: 100'S OBSERVED BETWEEN THIS OCCURRENCE AND OCCURRENCES 324 (TO WEST) & 326 (TO SOUTH) ON 10 FEB 2002. NUMBERS 601-607 COLLECTED FOR CALIFORNIA ACADEMY OF SCIENCES. SITE IS USED FOR CATTLE-GRAZING AND IS TARGETED TO BECOME A MITIGATION BANK.	Occurrence No.	325	Map Index: 48393	EO Index:	48393	Element Last Seen:	2002-02-10
County Summary:FresnoLat/Long:36.92929 / -119.71195Accuracy:80 metersUTM:Zone-11 N4090464 E258452Elevation (ft):360PLSS:T11S, R21E, Sec. 31, SE (M)Acres:0.0Location:3.9 MILES DIRECTLY SOUTH OF FRIANT, APPROXIMATELY 0.3 MILE WEST OF AUBERRY ROAD, EAST OF CREEK.Detailed Location:S.9 MILES DIRECTLY SOUTH OF FRIANT, APPROXIMATELY 0.3 MILE WEST OF AUBERRY ROAD, EAST OF CREEK.Detailed Location:Ecological:HABITAT CONSISTS OF NUMEROUS MOUNDS AND HARDPAN DEPRESSIONS (NEAR A RIPARIAN CORRIDOR) WITHIN AN ANNUAL GRASSLAND. MANY CALIFORNIA TIGER SALAMANDERS, WESTERN SPADEFOOT TOADS, MIDVALLEY FAIRY SHRIMP AND GROUND SQUIRRELS IN VICINITY.General:100'S OBSERVED BETWEEN THIS OCCURRENCE AND OCCURRENCES 324 (TO WEST) & 326 (TO SOUTH) ON 10 FEB 2002. NUMBERS 601-607 COLLECTED FOR CALIFORNIA ACADEMY OF SCIENCES. SITE IS USED FOR CATTLE-GRAZING AND IS TARGETED TO BECOME A MITIGATION BANK.			Map Index: 48393				
Lat/Long: 36.92929 / -119.71195 Accuracy: 80 meters UTM: Zone-11 N4090464 E258452 Elevation (ft): 360 PLSS: T11S, R21E, Sec. 31, SE (M) Acres: 0.0 Location: 3.9 MILES DIRECTLY SOUTH OF FRIANT, APPROXIMATELY 0.3 MILE WEST OF AUBERRY ROAD, EAST OF CREEK. Detailed Location: Belongical: HABITAT CONSISTS OF NUMEROUS MOUNDS AND HARDPAN DEPRESSIONS (NEAR A RIPARIAN CORRIDOR) WITHIN AN ANNUAL GRASSLAND. MANY CALIFORNIA TIGER SALAMANDERS, WESTERN SPADEFOOT TOADS, MIDVALLEY FAIRY SHRIMP AND GROUND SQUIRRELS IN VICINITY. General: 100'S OBSERVED BETWEEN THIS OCCURRENCE AND OCCURRENCES 324 (TO WEST) & 326 (TO SOUTH) ON 10 FEB 2002. NUMBERS 601-607 COLLECTED FOR CALIFORNIA ACADEMY OF SCIENCES. SITE IS USED FOR CATTLE-GRAZING AND IS TARGETED TO BECOME A MITIGATION BANK.	Occ. Rank:	Excellent		Presence:	Presumed Extant	Site Last Seen:	2002-02-10
UTM:Zone-11 N4090464 E258452Elevation (ft):360PLSS:T11S, R21E, Sec. 31, SE (M)Acres:0.0Location:3.9 MILES DIRECTLY SOUTH OF FRIANT, APPROXIMATELY 0.3 MILE WEST OF AUBERRY ROAD, EAST OF CREEK.Detailed Location:HABITAT CONSISTS OF NUMEROUS MOUNDS AND HARDPAN DEPRESSIONS (NEAR A RIPARIAN CORRIDOR) WITHIN AN ANNUAL GRASSLAND. MANY CALIFORNIA TIGER SALAMANDERS, WESTERN SPADEFOOT TOADS, MIDVALLEY FAIRY SHRIMP AND GROUND SQUIRRELS IN VICINITY.General:100'S OBSERVED BETWEEN THIS OCCURRENCE AND OCCURRENCES 324 (TO WEST) & 326 (TO SOUTH) ON 10 FEB 2002. NUMBERS 601-607 COLLECTED FOR CALIFORNIA ACADEMY OF SCIENCES. SITE IS USED FOR CATTLE-GRAZING AND IS TARGETED TO BECOME A MITIGATION BANK.	Occ. Rank: Occ. Type:	Excellent Natural/Native	e occurrence	Presence:	Presumed Extant	Site Last Seen:	2002-02-10
PLSS: T11S, R21E, Sec. 31, SE (M) Acres: 0.0 Location: 3.9 MILES DIRECTLY SOUTH OF FRIANT, APPROXIMATELY 0.3 MILE WEST OF AUBERRY ROAD, EAST OF CREEK. Detailed Location: Ecological: HABITAT CONSISTS OF NUMEROUS MOUNDS AND HARDPAN DEPRESSIONS (NEAR A RIPARIAN CORRIDOR) WITHIN AN ANNUAL GRASSLAND. MANY CALIFORNIA TIGER SALAMANDERS, WESTERN SPADEFOOT TOADS, MIDVALLEY FAIRY SHRIMP AND GROUND SQUIRRELS IN VICINITY. General: 100'S OBSERVED BETWEEN THIS OCCURRENCE AND OCCURRENCES 324 (TO WEST) & 326 (TO SOUTH) ON 10 FEB 2002. NUMBERS 601-607 COLLECTED FOR CALIFORNIA ACADEMY OF SCIENCES. SITE IS USED FOR CATTLE-GRAZING AND IS TARGETED TO BECOME A MITIGATION BANK.	Occ. Rank: Occ. Type: Quad Summary:	Excellent Natural/Native Friant (361198	e occurrence	Presence:	Presumed Extant	Site Last Seen:	2002-02-10
Location: 3.9 MILES DIRECTLY SOUTH OF FRIANT, APPROXIMATELY 0.3 MILE WEST OF AUBERRY ROAD, EAST OF CREEK. Detailed Location: Ecological: HABITAT CONSISTS OF NUMEROUS MOUNDS AND HARDPAN DEPRESSIONS (NEAR A RIPARIAN CORRIDOR) WITHIN AN ANNUAL GRASSLAND. MANY CALIFORNIA TIGER SALAMANDERS, WESTERN SPADEFOOT TOADS, MIDVALLEY FAIRY SHRIMP AND GROUND SQUIRRELS IN VICINITY. General: 100'S OBSERVED BETWEEN THIS OCCURRENCE AND OCCURRENCES 324 (TO WEST) & 326 (TO SOUTH) ON 10 FEB 2002. NUMBERS 601-607 COLLECTED FOR CALIFORNIA ACADEMY OF SCIENCES. SITE IS USED FOR CATTLE-GRAZING AND IS TARGETED TO BECOME A MITIGATION BANK.	Occ. Rank: Occ. Type: Quad Summary: County Summary:	Excellent Natural/Native Friant (361198 Fresno	e occurrence 86)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2002-02-10
Detailed Location: Ecological: HABITAT CONSISTS OF NUMEROUS MOUNDS AND HARDPAN DEPRESSIONS (NEAR A RIPARIAN CORRIDOR) WITHIN AN ANNUAL GRASSLAND. MANY CALIFORNIA TIGER SALAMANDERS, WESTERN SPADEFOOT TOADS, MIDVALLEY FAIRY SHRIMP AND GROUND SQUIRRELS IN VICINITY. General: 100'S OBSERVED BETWEEN THIS OCCURRENCE AND OCCURRENCES 324 (TO WEST) & 326 (TO SOUTH) ON 10 FEB 2002. NUMBERS 601-607 COLLECTED FOR CALIFORNIA ACADEMY OF SCIENCES. SITE IS USED FOR CATTLE-GRAZING AND IS TARGETED TO BECOME A MITIGATION BANK.	Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Excellent Natural/Native Friant (361198 Fresno 36.92929 / -11	9 occurrence 86) 19.71195	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: 80 meters	2002-02-10
Ecological:HABITAT CONSISTS OF NUMEROUS MOUNDS AND HARDPAN DEPRESSIONS (NEAR A RIPARIAN CORRIDOR) WITHIN AN ANNUAL GRASSLAND. MANY CALIFORNIA TIGER SALAMANDERS, WESTERN SPADEFOOT TOADS, MIDVALLEY FAIRY SHRIMP AND GROUND SQUIRRELS IN VICINITY.General:100'S OBSERVED BETWEEN THIS OCCURRENCE AND OCCURRENCES 324 (TO WEST) & 326 (TO SOUTH) ON 10 FEB 2002. NUMBERS 601-607 COLLECTED FOR CALIFORNIA ACADEMY OF SCIENCES. SITE IS USED FOR CATTLE-GRAZING AND IS TARGETED TO BECOME A MITIGATION BANK.	Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Excellent Natural/Native Friant (361198 Fresno 36.92929 / -11 Zone-11 N409	e occurrence 86) 19.71195 90464 E258452	Presence:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 80 meters 360	2002-02-10
ANNUAL GRASSLAND. MANY CALIFORNIA TIGER SALAMANDERS, WESTERN SPADEFOOT TOADS, MIDVALLEY FAIRY SHRIMP AND GROUND SQUIRRELS IN VICINITY. General: 100'S OBSERVED BETWEEN THIS OCCURRENCE AND OCCURRENCES 324 (TO WEST) & 326 (TO SOUTH) ON 10 FEB 2002. NUMBERS 601-607 COLLECTED FOR CALIFORNIA ACADEMY OF SCIENCES. SITE IS USED FOR CATTLE-GRAZING AND IS TARGETED TO BECOME A MITIGATION BANK.	Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Excellent Natural/Native Friant (361198 Fresno 36.92929 / -11 Zone-11 N409 T11S, R21E, S	e occurrence 86) 19.71195 90464 E258452 Sec. 31, SE (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 80 meters 360 0.0	2002-02-10 2002-07-29
NUMBERS 601-607 COLLECTED FOR CALIFORNIA ACADEMY OF SCIENCES. SITE IS USED FOR CATTLE-GRAZING AND IS TARGETED TO BECOME A MITIGATION BANK.	Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Excellent Natural/Native Friant (361198 Fresno 36.92929 / -11 Zone-11 N409 T11S, R21E, S	e occurrence 86) 19.71195 90464 E258452 Sec. 31, SE (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 80 meters 360 0.0	2002-02-10 2002-07-29
Owner/Manager: PVT	Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Excellent Natural/Native Friant (361198 Fresno 36.92929 / -11 Zone-11 N409 T11S, R21E, S 3.9 MILES DIF HABITAT CON ANNUAL GRA	e occurrence 86) 19.71195 20464 E258452 Sec. 31, SE (M) RECTLY SOUTH OF FRIA NSISTS OF NUMEROUS M ASSLAND. MANY CALIFO	Presence: Trend: NT, APPROXIM MOUNDS AND RNIA TIGER SA	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: MATELY 0.3 MILE WEST OF AU HARDPAN DEPRESSIONS (NE	Site Last Seen: Record Last Updated: 80 meters 360 0.0 BERRY ROAD, EAST OF CR AR A RIPARIAN CORRIDOR	2002-02-10 2002-07-29 EEK.
	Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological:	Excellent Natural/Native Friant (361198 Fresno 36.92929 / -11 Zone-11 N409 T11S, R21E, S 3.9 MILES DIF HABITAT CON ANNUAL GRA SHRIMP AND 100'S OBSER NUMBERS 60	e occurrence 86) 19.71195 20464 E258452 Sec. 31, SE (M) RECTLY SOUTH OF FRIA NSISTS OF NUMEROUS MA ASSLAND. MANY CALIFO O GROUND SQUIRRELS IN RVED BETWEEN THIS OC 01-607 COLLECTED FOR	Presence: Trend: NT, APPROXIM MOUNDS AND RNIA TIGER SA VICINITY. CURRENCE AN CALIFORNIA A	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: MATELY 0.3 MILE WEST OF AU HARDPAN DEPRESSIONS (NE ALAMANDERS, WESTERN SPA	Site Last Seen: Record Last Updated: 80 meters 360 0.0 BERRY ROAD, EAST OF CR AR A RIPARIAN CORRIDOR DEFOOT TOADS, MIDVALLE	2002-02-10 2002-07-29 EEK.) WITHIN AN EY FAIRY 10 FEB 2002.



California Department of Fish and Wildlife



Occurrence No.	326	Map Index: 47430	EO Index:	48394	Element Last Seen:	2002-02-10
Occ. Rank:	Excellent		Presence:	Presumed Extant	Site Last Seen:	2002-02-10
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown	Record Last Updated:	2002-07-29
Quad Summary:	Friant (36119	986)				
County Summary:	Fresno					
Lat/Long:	36.92358 / -1	19.71469		Accuracy:	specific area	
UTM:	Zone-11 N40)89837 E258190		Elevation (ft):	400	
PLSS:	T12S, R21E,	Sec. 06 (M)		Acres:	13.1	
Location:	4.5 MILES S	OUTH OF FRIANT, 0.2 TO	0.4 MILE WEST	OF AUBERRY ROAD, LOCAT	ED BETWEEN 2 CREEKS.	
Detailed Location:						
Ecological:	ANNUAL GR		RNIA TIGER SA	HARDPAN DEPRESSIONS (NE ALAMANDERS, WESTERN SPA		,
General:	NUMBERS 6		CALIFORNIA A	OCCURRENCES 324 (TO NW) CADEMY OF SCIENCES. SITE		
Owner/Manager:	PVT					
Occurrence No.	346	Map Index: 94167	EO Index:	51284	Element Last Seen:	2017-01-25
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2017-01-25
						2011 01 20
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2018-06-04
Occ. Type: Quad Summary:	Natural/Nativ		Trend:	Unknown	Record Last Updated:	
			Trend:	Unknown	Record Last Updated:	
Quad Summary:	Lanes Bridge	9 (3611987)	Trend:	Unknown Accuracy:	Record Last Updated:	
Quad Summary: County Summary:	Lanes Bridge Madera 36.94463 / -1	9 (3611987)	Trend:		·	
Quad Summary: County Summary: Lat/Long:	Lanes Bridge Madera 36.94463 / -1 Zone-11 N40	e (3611987) 119.79184	Trend:	Accuracy:	specific area	
Quad Summary: County Summary: Lat/Long: UTM:	Lanes Bridge Madera 36.94463 / -1 Zone-11 N40 T11S, R20E,	e (3611987) 119.79184 992372 E251386 Sec. 28, E (M)		Accuracy: Elevation (ft):	specific area 402 147.0	2018-06-04
Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Lanes Bridge Madera 36.94463 / -1 Zone-11 N40 T11S, R20E, EAST AND V 1992: MAPP (S-MOST PC	e (3611987) 119.79184 092372 E251386 Sec. 28, E (M) VEST SIDES OF HIGHWAY ED TO LOCATIONS GIVEN	(41, FROM AB(I FOR POOLS (Accuracy: Elevation (ft): Acres:	specific area 402 147.0 AVENUE 12, 14 MILES EAST T W OF HWY 41) & 41, 43, 43	2018-06-04 OF MADERA. 7, 49, 50, 66, 67
Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Lanes Bridge Madera 36.94463 / -1 Zone-11 N40 T11S, R20E, EAST AND V 1992: MAPP (S-MOST PC COORDINAT VERNAL PO FARMING, N	e (3611987) 119.79184 092372 E251386 Sec. 28, E (M) VEST SIDES OF HIGHWAY ED TO LOCATIONS GIVEN DLYGON, E OF HWY 41). 20 FES (MIDDLE POLYGON). OLS & WETLAND DRAINA	(41, FROM AB(I FOR POOLS (001: 2 POOLS, GES IN GRAZE ULTURE, COM	Accuracy: Elevation (ft): Acres: DUT 0.8 TO 1.9 MI NORTH OF C214 (N-MOST POLYGON, JUS INCLUDED IN S-MOST POLYGON INCLUDED IN S-MOST POLYGON D NON-NATIVE GRASSLAND MERCIAL & URBAN. N PART (specific area 402 147.0 AVENUE 12, 14 MILES EAST T W OF HWY 41) & 41, 43, 43 ON. 2010: MAPPED TO GIVE HISTORICALLY USED FOR E	2018-06-04 OF MADERA. 7, 49, 50, 66, 67 N DRYLAND
Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Lanes Bridge Madera 36.94463 / -1 Zone-11 N40 T11S, R20E, EAST AND V 1992: MAPP (S-MOST PC COORDINAT VERNAL PO FARMING. N MITIGATION FOUND IN 9	e (3611987) 119.79184 092372 E251386 Sec. 28, E (M) VEST SIDES OF HIGHWAY ED TO LOCATIONS GIVEN DLYGON, E OF HWY 41). 20 FES (MIDDLE POLYGON). IOLS & WETLAND DRAINA IEARBY LAND USE AGRIC I SITE PURCHASED IN 200 POOLS, MAR 1992; IN 3 P	(41, FROM AB(I FOR POOLS (001: 2 POOLS, GES IN GRAZE ULTURE, COM 9 & BEING RE POOLS, FEB 20(Accuracy: Elevation (ft): Acres: DUT 0.8 TO 1.9 MI NORTH OF C214 (N-MOST POLYGON, JUS INCLUDED IN S-MOST POLYGON INCLUDED IN S-MOST POLYGON D NON-NATIVE GRASSLAND MERCIAL & URBAN. N PART (specific area 402 147.0 AVENUE 12, 14 MILES EAST T W OF HWY 41) & 41, 43, 43 ON. 2010: MAPPED TO GIVE HISTORICALLY USED FOR E DF OCCURRENCE WITHIN C D IN 22 POOLS, 20 JAN 2011	2018-06-04 OF MADERA. 7, 49, 50, 66, 67 N DRYLAND ALTRANS



California Department of Fish and Wildlife



Occurrence No.	347	Map Index: 45182	EO Index:	51286	Element Last Seen:	2001-02-XX
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2001-02-XX
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown	Record Last Updated:	2003-05-15
Quad Summary:	Lanes Bridge	e (3611987)				
County Summary:	Madera					
Lat/Long:	36.90552 / -1	19.78512		Accuracy:	80 meters	
UTM:	Zone-11 N40	88015 E251857		Elevation (ft):	350	
PLSS:	T12S, R20E,	Sec. 09, NE (M)		Acres:	0.0	
Location:	0.4 MILE EA	ST OF HIGHWAY 41 AND	0.3 MILE SOUT	H OF AVENUE 11, 4.5 MILES N	ORTH OF PINEDALE.	
Detailed Location:						
Ecological:	GRASSLAN		RE; MOST WE	SSLAND WITH VERNAL POOLS RE DRYLAND FARMED HISTOI		-
General:	ADULT SHR	IMP OBSERVED DURING	FEB 2001.			
Owner/Manager:	PVT					
Occurrence No.	349	Map Index: 45183	EO Index:	51289	Element Last Seen:	2001-02-28
Occurrence No. Occ. Rank:	349 Unknown	Map Index: 45183	EO Index: Presence:	51289 Presumed Extant	Element Last Seen: Site Last Seen:	2001-02-28 2001-02-28
	Unknown	Map Index: 45183				
Occ. Rank:	Unknown	e occurrence	Presence:	Presumed Extant	Site Last Seen:	2001-02-28
Occ. Rank: Occ. Type:	Unknown Natural/Nativ	e occurrence	Presence:	Presumed Extant	Site Last Seen:	2001-02-28
Occ. Rank: Occ. Type: Quad Summary:	Unknown Natural/Nativ Lanes Bridge	e occurrence (3611987)	Presence:	Presumed Extant	Site Last Seen:	2001-02-28
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Unknown Natural/Nativ Lanes Bridge Madera 36.95126 / -1	e occurrence (3611987)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2001-02-28
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Unknown Natural/Nativ Lanes Bridge Madera 36.95126 / -1 Zone-11 N40	e occurrence e (3611987) 19.77616	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: 80 meters	2001-02-28
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Unknown Natural/Nativ Lanes Bridge Madera 36.95126 / -1 Zone-11 N40 T11S, R20E,	e occurrence 2 (3611987) 119.77616 193067 E252803 Sec. 27, NW (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 80 meters 420 0.0	2001-02-28
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Nativ Lanes Bridge Madera 36.95126 / -1 Zone-11 N40 T11S, R20E, 0.9 MILE EA MAPPED TC	e occurrence (3611987) 19.77616 93067 E252803 Sec. 27, NW (M) ST OF HIGHWAY 41 AND (LOCATION OF OCCUPIE	Presence: Trend: 0.5 MILE SOUT D POOL PER P	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 80 meters 420 0.0 TH OF PINEDALE. DLLECTED "18 MI E OF MAD	2001-02-28 2014-10-23
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Nativ Lanes Bridge Madera 36.95126 / -1 Zone-11 N40 T11S, R20E, 0.9 MILE EAS MAPPED TO 27, TOWNSH GRAZED NO	e occurrence (3611987) 19.77616 93067 E252803 Sec. 27, NW (M) ST OF HIGHWAY 41 AND (LOCATION OF OCCUPIE HIP 11S RANGE 20E," EXA ON-NATIVE GRASSLAND V	Presence: Trend: 0.5 MILE SOUT D POOL PER P CT LOCATION VITH VERNAL F	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: H OF ROAD 204, 7 MILES NOR ROVIDED MAP. SPECIMEN CO	Site Last Seen: Record Last Updated: 80 meters 420 0.0 TH OF PINEDALE. DLLECTED "18 MI E OF MAD RE. AGES. GRASSLANDS USED	2001-02-28 2014-10-23 ERA, SECTION AS PASTURE;
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Unknown Natural/Nativ Lanes Bridge Madera 36.95126 / -1 Zone-11 N40 T11S, R20E, 0.9 MILE EAS MAPPED TO 27, TOWNSH GRAZED NO MOST WERE URBAN.	e occurrence (3611987) 19.77616 93067 E252803 Sec. 27, NW (M) ST OF HIGHWAY 41 AND (LOCATION OF OCCUPIE HIP 11S RANGE 20E," EXA DN-NATIVE GRASSLAND V E DRYLAND FARMED HIS	Presence: Trend: 0.5 MILE SOUT D POOL PER P CT LOCATION VITH VERNAL F TORICALLY. SU	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: H OF ROAD 204, 7 MILES NOR ROVIDED MAP. SPECIMEN CO UNKNOWN, ATTRIBUTED HEF POOLS AND WETLAND DRAIN/	Site Last Seen: Record Last Updated: 80 meters 420 0.0 TH OF PINEDALE. DLLECTED "18 MI E OF MAD RE. AGES. GRASSLANDS USED ED AGRICULTURE, COMME	2001-02-28 2014-10-23 ERA, SECTION AS PASTURE;



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Occurrence No.	351	Map Index: 51335	EO Index:	51335	Element Last Seen:	2001-02-28
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2001-02-28
Осс. Туре:	Natural/Nati	ive occurrence	Trend:	Unknown	Record Last Updated:	2014-10-23
Quad Summary:	Lanes Bridg	je (3611987)				
County Summary:	Madera					
Lat/Long:	36.93495 / -	-119.76771		Accuracy:	80 meters	
UTM:	Zone-11 N4	091235 E253503		Elevation (ft):	310	
PLSS:	T11S, R20E	E, Sec. 34, NE (M)		Acres:	0.0	
Location:	1.4 MILES E	EAST OF HIGHWAY 41 AND	1.6 MILES SO	UTH OF ROAD 204, 6.4 MILES	NORTH OF PINEDALE.	
Detailed Location:				S. SPECIMEN LOCALITY GIVEI LOCATION UNKNOWN, ATTRIE		SECTION 34,
Ecological:				POOLS AND WETLAND DRAINA JRROUNDING LANDS ARE AGI		
General:	ADULT SHF	RIMP OBSERVED DURING F	FEB 2001; 20 C	OLLECTED FROM VICINITY OF	N 28 FEB 2001.	
Owner/Manager:	PVT					
Occurrence No.	403	Map Index: 64301	EO Index:	64380	Element Last Seen:	2004-11-08
Occurrence No. Occ. Rank:	403 Good	Map Index: 64301	EO Index: Presence:	64380 Presumed Extant	Element Last Seen: Site Last Seen:	2004-11-08 2004-11-08
	Good	Map Index: 64301				
Occ. Rank:	Good Natural/Nati	·	Presence:	Presumed Extant	Site Last Seen:	2004-11-08
Occ. Rank: Occ. Type:	Good Natural/Nati	ve occurrence	Presence:	Presumed Extant	Site Last Seen:	2004-11-08
Occ. Rank: Occ. Type: Quad Summary:	Good Natural/Nati Lanes Bridg	ve occurrence ge (3611987)	Presence:	Presumed Extant	Site Last Seen:	2004-11-08
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Good Natural/Nati Lanes Bridg Madera 36.97777 / -	ve occurrence ge (3611987)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2004-11-08
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Good Natural/Nati Lanes Bridg Madera 36.97777 / - Zone-11 N4	ve occurrence je (3611987) -119.79394	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: 1/10 mile	2004-11-08
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Good Natural/Nati Lanes Bridg Madera 36.97777 / - Zone-11 N4 T11S, R20E	ve occurrence ge (3611987) -119.79394 -096055 E251306	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/10 mile 430	2004-11-08
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Good Natural/Nati Lanes Bridg Madera 36.97777 / - Zone-11 N4 T11S, R20E EAST SIDE MAPPED TO	ve occurrence ge (3611987) -119.79394 -096055 E251306 E, Sec. 16 (M) OF STATE ROUTE 41 JUST	Presence: Trend: TNORTH OF T ED ON SPECIM	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/10 mile 430 0.0	2004-11-08 2015-01-20
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Good Natural/Nati Lanes Bridg Madera 36.97777 / - Zone-11 N4 T11S, R20E EAST SIDE MAPPED TO ROUTE 41	ve occurrence ge (3611987) -119.79394 -096055 E251306 E, Sec. 16 (M) OF STATE ROUTE 41 JUST O COORDINATES PROVIDE JUST NORTH OF THE MAD	Presence: Trend: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: HE MADERA CANAL.	Site Last Seen: Record Last Updated: 1/10 mile 430 0.0 POOL ON GRAZED LAND E	2004-11-08 2015-01-20
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Good Natural/Nati Lanes Bridg Madera 36.97777 / - Zone-11 N4 T11S, R20E EAST SIDE MAPPED TO ROUTE 41 S ON GRAZE	ive occurrence ge (3611987) -119.79394 -096055 E251306 E, Sec. 16 (M) OF STATE ROUTE 41 JUST O COORDINATES PROVIDE JUST NORTH OF THE MAD D NON-NATIVE GRASSLAN	Presence: Trend: T NORTH OF T ED ON SPECIM ERA CANAL." ID. VEGETATIO	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: HE MADERA CANAL. JEN RECORD, FOR "ISOLATED	Site Last Seen: Record Last Updated: 1/10 mile 430 0.0 POOL ON GRAZED LAND E SIUM SP. AND JUNCUS SP.	2004-11-08 2015-01-20



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Occurrence No.	404	Map Index: 64752	EO Index:	64831		Element Last Seen:	2006-02-03
Occ. Rank:	Poor		Presence:	Presumed Ex	xtant	Site Last Seen:	2006-02-03
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2015-01-07
Quad Summary:	Clovis (3611	976)					
County Summary:	Fresno						
Lat/Long:	36.83107 / -1	119.63998			Accuracy:	1/10 mile	
UTM:	Zone-11 N40)79385 E264562			Elevation (ft):	395	
PLSS:	T13S, R21E,	, Sec. 01, NW (M)			Acres:	0.0	
Location:	EAST SIDE	OF ENTERPRISE CANAL, 0 DVIS.	.3 MILE EAST	OF DE WOLF	AVENUE AND 0.4	MILE SOUTH OF HERNDO	N AVENUE,
Detailed Location:	FALL WITHI	TES GIVEN FOR SPECIMEN N RESIDENTIAL LOT; THOU E CANAL EASEMENT.					
Ecological:		FOOT (1-2 INCH DEPTH) PL LE CONTAINED A MUD SUI				OLS THAT ONCE WERE FOU	JND AT THIS
General:	3 COLLECT	ED ON 3 FEB 2003. 3 ADUL	TS OBSERVEI	O ON 3 FEB 20	006.		
Owner/Manager:	PVT, FRESN	IO FLOOD CONTROL DIST					
Occurrence No.	410	Map Index: 94156	EO Index:	64400		Element Last Seen:	2005-02-01
Occ. Rank:	Good		Presence:	Presumed Ex	xtant	Site Last Seen:	2005-02-01
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2015-01-20
Quad Summary:	Lanes Bridge	e (3611987)					
County Summary:	Madera						
Lat/Long:	36.98842 / -1	119.79572			Accuracy:	specific area	
UTM:	Zone-11 N40)97242 E251182			Elevation (ft):	430	
PLSS:	T11S, R20E,	, Sec. 09 (M)			Acres:	46.0	
Location:	ABOUT 1.5 M WAY.	MILES SOUTH OF HIGHWA	Y 145 ALONG	HIGHWAY 41	(AT BENCH MAR	(432) AND MADERA CANA	RIGHT-OF-
Detailed Location:		EAST OF HWY 41. 2001: SO WY 41 NEAR POST MILE 7.					: EAST &
	WEST OF H						
Ecological:	HWY 145: IS LANCEOLAT	COLATED POOLS WITHIN S TUM, CENTAUREA SOLSTI OLS. AREA IS GRAZED AN	FIALIS, & ERY	NGIUM, JUNC			
Ecological: General:	HWY 145: IS LANCEOLAT VERNAL PO ADULTS IN 2	OLATED POOLS WITHIN S	FIALIS, & ERY NUAL GRASS COLLECTED	NGIUM, JUNC LAND. FROM VICINIT	US, ERÓDIUM, & I 'Y ON 28 FEB 200	HORDEUM SP. CANAL: CLE	AR, LARGE



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Occurrence No.	426	Map Index: 67525	EO Index:	67684	Element Last Seen:	1992-03-12
Occ. Rank:	420 Unknown		Presence:	Presumed Extant	Site Last Seen:	1992-03-12
		ve occurrence	Trend:	Unknown	Record Last Updated:	2007-01-03
Осс. Туре:	inalural/inaliv		menu.	UTIKITUWIT	Record Last Opdated.	2007-01-03
Quad Summary:	Little Table N	Mtn. (3711917)				
County Summary:	Madera					
Lat/Long:	37.00325 / -	119.79450		Accuracy:	1/10 mile	
UTM:	Zone-11 N40	098885 E251339		Elevation (ft):	450	
PLSS:	T11S, R20E	, Sec. 04, SW (M)		Acres:	0.0	
Location:	50 FEET WE	EST OF HIGHWAY 41 AND	0.5 MILE SOUT	H OF HIGHWAY 145, WEST C	F LITTLE TABLE MOUNTAIN.	
Detailed Location:	POOL #'S 14	48, 151, 152, AND 307.				
Ecological:	HABITAT CO	ONSISTS OF NORTHERN H	HARDPAN VER	NAL POOL DOMINATED BY H	ORDEUM GENICULATUM.	
General:				ERNAL POOLS (148 AND 307)		OULTS IN
0		AND 152 WERE NOT CON	FIRMED TO SF	PECIES AND MAY BE LINDER	ELLA OCCIDENTALIS.	
Owner/Manager:	PVT					
Occurrence No.	427	Map Index: 67532	EO Index:	67693	Element Last Seen:	2003-02-20
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2003-02-20
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2014-10-14
Quad Summary:	Little Table N	Vltn. (3711917)				
County Summary:	Madera					
Lat/Long:	37.01556 / -	119.79316		Accuracy:	nonspecific area	
UTM:	Zone-11 N4	100247 E251498		Elevation (ft):	450	
PLSS:	T10S, R20E	, Sec. 33 (M)		Acres:	109.0	
Location:	ALONG HW MOUNTAIN		IER OF HWY 4	1 & HWY 145 UP TO ABOUT 0.	.75 MI NORTH, WEST OF LIT	LE TABLE
Detailed Location:				BED FOR POOLS 193, 199, & 2 145, ABOUT 0.1 MILE EAST C		
Ecological:		I HARDPAN VERNAL POOL FHRYS STIPITATUS.	S DOMINATE	BY HORDEUM GENICULATU	IM, ELEOCHARIS MACROST	ACHYA, AND
General:				/ IN A THIRD POOL BUT ID NO 20 FEB 2003 (CASIZ #166629).	OT CONFIRMED (MAY HAVE I	BEEN
Owner/Manager:	PVT					



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Occurrence No.	594	Map Index: 72165	EO Index:	73131	Element Last Seen:	2005-02-04
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2005-02-04
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown	Record Last Updated:	2008-09-05
Quad Summary:	Little Table N	ltn. (3711917)				
County Summary:	Madera					
Lat/Long:	37.02428 / -1	19.85186		Accuracy:	80 meters	
UTM:	Zone-11 N41	01370 E246304		Elevation (ft):	416	
PLSS:	T10S, R19E,	Sec. 36, NW (M)		Acres:	0.0	
Location:	SOUTH SIDE CORNERS.	OF MADERA CANAL AT N	AILEPOST 013	.46, ABOUT 0.8 MILE SSE OF A	DOBE HILL, & 3.3 MILES WI	NW OF FOUR
Detailed Location:	MAPPED TO	PROVIDED COORDINATE	S, POOL ID M	AC-L-013.46.1.		
Ecological:				L WITH ALGAE AND LOTS OF E RUNS THROUGH POOL. ARE		
General:	1 MALE & 1 I	FEMALE CAPTURED AND I	DENTIFIED TO	O SPECIES ON 4 FEB 2005 BY	G. BASSO & K. TOMLINSON	
Owner/Manager:	USBOR, PV1	-				
Occurrence No.	597	Map Index: 72210	EO Index:	73150	Element Last Seen:	2007-03-14
Occurrence No. Occ. Rank:	597 Unknown	Map Index: 72210	EO Index: Presence:	73150 Presumed Extant	Element Last Seen: Site Last Seen:	2007-03-14 2007-03-14
Occ. Rank:	Unknown	e occurrence	Presence:	Presumed Extant	Site Last Seen:	2007-03-14
Occ. Rank: Occ. Type:	Unknown Natural/Nativ	e occurrence	Presence:	Presumed Extant	Site Last Seen:	2007-03-14
Occ. Rank: Occ. Type: Quad Summary:	Unknown Natural/Nativ Friant (36119	e occurrence 186)	Presence:	Presumed Extant	Site Last Seen:	2007-03-14
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Unknown Natural/Nativ Friant (36119 Fresno 36.95795 / -1	e occurrence 186)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2007-03-14
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Unknown Natural/Nativ Friant (36119 Fresno 36.95795 / -1	e occurrence 186) 19.70752 93634 E258937	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: specific area	2007-03-14
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Unknown Natural/Nativ Friant (36119 Fresno 36.95795 / -1 Zone-11 N40 T11S, R21E,	e occurrence 186) 19.70752 93634 E258937 Sec. 20 (M) I FRIANT RD & E SIDE FRI/	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: specific area 450 119.0	2007-03-14 2015-02-19
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Nativ Friant (36119 Fresno 36.95795 / -1 Zone-11 N40 T11S, R21E, BETWEEN N BLUFF VIEW 2001: MAPPI CANAL, MAF	e occurrence 186) 19.70752 93634 E258937 Sec. 20 (M) I FRIANT RD & E SIDE FRIA / AVE. ED TO COORDINATES GIV	Presence: Trend: ANT KERN CA	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 450 119.0 0.1 TO 1.0 MI N OF N FRIANT PROPERTY. 2004: POOLS	2007-03-14 2015-02-19
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Nativ Friant (36119 Fresno 36.95795 / -1 Zone-11 N40 T11S, R21E, BETWEEN N BLUFF VIEW 2001: MAPPI CANAL, MAF LOCATIONS 2004: CLEAF	e occurrence 19.70752 93634 E258937 Sec. 20 (M) I FRIANT RD & E SIDE FRIANT AVE. ED TO COORDINATES GIV PPED TO PROVIDED SHAP AND COORDINATES. R TO TURBID VERNAL POO TURBANCE NOTED. 2007:	Presence: Trend: ANT KERN CA EN FOR COLL EFILE. 2007: F	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: NAL; FROM 0.5 TO 1.9 MI W & 0 ECTIONS FROM BLASINGAME	Site Last Seen: Record Last Updated: specific area 450 119.0 0.1 TO 1.0 MI N OF N FRIANT PROPERTY. 2004: POOLS CH PROPERTY, MAPPED TO ON & NON-NATIVE GRASSE	2007-03-14 2015-02-19
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Unknown Natural/Nativ Friant (36119 Fresno 36.95795 / -1 Zone-11 N40 T11S, R21E, BETWEEN N BLUFF VIEW 2001: MAPPI CANAL, MAF LOCATIONS 2004: CLEAF CATTLE DIS TOPOGRAPI 28 COLLECT	e occurrence 186) 19.70752 93634 E258937 Sec. 20 (M) I FRIANT RD & E SIDE FRIA AVE. ED TO COORDINATES GIV PPED TO PROVIDED SHAP AND COORDINATES. TO TURBID VERNAL POO TURBANCE NOTED. 2007: HY.	Presence: Trend: ANT KERN CA EN FOR COLL EFILE. 2007: F DLS & SWALES POOLS IN GR FOUND IN AL	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: NAL; FROM 0.5 TO 1.9 MI W & O ECTIONS FROM BLASINGAME POOLS ON WELLINGTON RANO S WITH EMERGENT VEGETATION AZED, NON-NATIVE GRASSLA	Site Last Seen: Record Last Updated: specific area 450 119.0 0.1 TO 1.0 MI N OF N FRIANT PROPERTY. 2004: POOLS. CH PROPERTY, MAPPED TO ON & NON-NATIVE GRASSE ND WITH MODERATE UNDU	2007-03-14 2015-02-19 T RD AT ALONG PROVIDED SS, SOME JLATING



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Occurrence No.	598	Map Index: 94245	EO Index:	73153	Element Last Seen:	2007-03-14
Occ. Rank:	Unknown	·	Presence:	Presumed Extant	Site Last Seen:	2007-03-14
Occ. Type:	Natural/Nati	ve occurrence	Trend:	Unknown	Record Last Updated:	2015-02-19
Quad Summary:	Friant (3611	986)				
County Summary:	Fresno	,				
Lat/Long:	36.94542 / -	119.69728		Accuracy:	specific area	
UTM:	Zone-11 N4	092218 E259809		Elevation (ft):	477	
PLSS:	T11S, R21E	, Sec. 29, NE (M)		Acres:	65.0	
Location:	FROM THE OFFICE.	E SIDE OF THE FRIANT KE	ERN CANAL TC	ABOUT 0.7 MI W; FROM 2. TO	3.3 MI SSE OF THE FRIANT	POST
Detailed Location:	ALONG CAN		SHAPEFILE. 2	ECTION ON BLASINGAME PRO 007: MAPPED TO COORDINAT Y.		
Ecological:		R TO TURBID VERNAL POO ASSLAND WITH MODERAT		IE CATTLE DISTURBANCE. 20 G TOPOGRAPHY.	07: VERNAL POOLS IN GRA	ZED NON-
General:		ED ON 12 MAR 2001 (CASI LECTED ON 14 MAR 2007		000S OBSERVED IN 5 POOLS, 7 7).	10 MAR 2004. FOUND IN 6 P	OOLS, 13 MAR
Owner/Manager:	USBOR, PV	Т				
Occurrence No.	599	Map Index: 72219	EO Index:	73159	Element Last Seen:	2004-03-11
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2004-03-11
Осс. Туре:	Natural/Nati [,]	ve occurrence	Trend:	Unknown	Record Last Updated:	2008-09-09
Quad Summary:	Friant (3611	986)				
County Summary:	Fresno					
Lat/Long:	36.93101 / -	119.67326		Accuracy:	specific area	
UTM:	Zone-11 N4	090558 E261904		Elevation (ft):	480	
UTM: PLSS:		090558 E261904 ^c , Sec. 34, W (M)		Elevation (ft): Acres:	480 7.0	
-	T11S, R21E	, Sec. 34, W (M)	E OF THE CRC		7.0	IANT PO.
PLSS:	T11S, R21E FRIANT-KEI 2 POOLS AI	, Sec. 34, W (M) RN CANAL, 0.88 AIR MI SSI LONG THE EAST SIDE OF	THE CANAL (O	Acres:	7.0 BERRY RD, 4.3 MI SE OF FR GANAL BRIDGE) AT MILEPOS	STS 006.35
PLSS: Location:	T11S, R21E FRIANT-KEI 2 POOLS AI (NORTH, PO HABITAT DI	, Sec. 34, W (M) RN CANAL, 0.88 AIR MI SSI LONG THE EAST SIDE OF DOL ID FKC-L-006.35.1) AN	THE CANAL (O D 006.42 (SOU OADSIDE DIT(Acres: SSING OF THE CANAL AT AUE NE EACH ON EACH SIDE OF C TH, POOL ID FKC-L-006.42.1). I CH (PUDDLE) W/OUT EMERGE	7.0 BERRY RD, 4.3 MI SE OF FR ANAL BRIDGE) AT MILEPOS MAPPED TO PROVIDED SHA	STS 006.35 APEFILE.
PLSS: Location: Detailed Location:	T11S, R21E FRIANT-KEI 2 POOLS AI (NORTH, PO HABITAT DI TURBID VE NORTH PO	, Sec. 34, W (M) RN CANAL, 0.88 AIR MI SSI LONG THE EAST SIDE OF DOL ID FKC-L-006.35.1) AN ESCRIBED AS A TURBID, R RNAL POOL DRAINING INT	THE CANAL (O D 006.42 (SOU OADSIDE DIT O CULVERT (S 2004 WITH 1 M	Acres: SSING OF THE CANAL AT AUE NE EACH ON EACH SIDE OF C TH, POOL ID FKC-L-006.42.1). I CH (PUDDLE) W/OUT EMERGE SOUTH). ALE OBSERVED BY K. GARCIA	7.0 BERRY RD, 4.3 MI SE OF FR CANAL BRIDGE) AT MILEPOS MAPPED TO PROVIDED SHA NT VEGETATION (NORTH),	STS 006.35 APEFILE. AND A SMALL,



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Occurrence No.	600	Map Index: 72220	EO Index:	73161	Element Last Seen:	2004-03-10
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2004-03-10
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown	Record Last Updated:	2008-09-09
Quad Summary:	Friant (3611	986)				
County Summary:	Fresno					
Lat/Long:	36.89856 / -	119.64453		Accuracy	: 80 meters	
UTM:	Zone-11 N4	086886 E264364		Elevation	(ft): 475	
PLSS:	T12S, R21E	e, Sec. 11, SE (M)		Acres:	0.0	
Location:	FRIANT-KE @ THOMPS		9.68, 262 METE	RS E OF BRIDGE OVER	CANAL, 2.5 MI NNW OF COLLINS	(ST HWY 168
Detailed Location:	MAPPED TO	O PROVIDED SHAPEFLIE.	POOL ID FKC-L	-009.68.1.		
Ecological:	HABITAT D	ESCRIBED AS A CLEAR, R	ECEDING, ROA	ADSIDE DITCH WITH ER	NGIUM.	
General:	4 MALES (1	IMMATURE) IDENTIFIED T	O SPECIES &	3 UNKNOWN FEMALES	OBS ON 10 MAR 2004 BY J. KOKX	
Owner/Manager:	USBOR, PV	Ϋ́Τ				
Occurrence No.	601	Map Index: 72280	EO Index:	73162	Element Last Seen:	2004-03-11
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2004-03-11
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown	Record Last Updated:	2008-09-15
Quad Summary:	Friant (3611	986)				
County Summary:	Fresno	,				
Lat/Long:	36.89482 / -	119.63740		Accuracy	specific area	
UTM:	Zone-11 N4	086453 E264987		Elevation	(ft): 465	
PLSS:	T12S, R21E	, Sec. 13, NW (M)		Acres:	9.0	
Location:	FRIANT-KE BEHYMER		010.17, 010.24	(E OF BRIDGE), 2.4MI S	OF OWENS MT, 1.1MI NE OF N D	EWOLF AVE @
Detailed Location:		TWO POOLS; WEST POOL ANAL (ID FKC-L-010.24.1). N			S FKC-R-010.17.1) AND EAST PO IN ESRP SHAPEFILE.	OL ON NORTH
Ecological:					AREA. EAST POOL: TEA COLORE TS OF EMERGENT VEG (2004).	D & VERY
General:	2 MALES ID	DENTIFIED TO SPECIES (2	UNKNOWN FE	MALES) IN EAST POOL (ON 11 MAR 2004 BY J. KOKX.	
Owner/Manager:	USBOR					



California Department of Fish and Wildlife



Occurrence No.	602	Map Index: 72226	EO Index:	73168		Element Last Seen:	2004-03-11
Occ. Rank:	Unknown		Presence:	Presumed Extant		Site Last Seen:	2004-03-11
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown		Record Last Updated:	2008-09-10
Quad Summary:	Friant (3611	986)					
County Summary:	Fresno						
Lat/Long:	36.89843 / -	119.62954		Aco	curacy:	specific area	
UTM:	Zone-11 N4	086834 E265699		Ele	vation (ft):	465	
PLSS:	T12S, R21E	, Sec. 12, S (M)		Acı	res:	10.0	
Location:	FRIANT-KE	RN CANAL, 2.3 MI SSE OF (OWENS MOUN	ITAIN, 1.5 MI NE O	F N DEWOLF	AVE AT BEHYMER AVE.	
Detailed Location:		2 POOLS ON NORTH SIDE 63.1), & EAST POOL AT MIL					
Ecological:	GRASSES	ESCRIBED AS A CLEAR SH (WEST), AND A CLEAR SHA LIGHT-GREEN NARROW G	LLOW POOL	N/ LOTS OF EMER			
General: Owner/Manager:		LS SAMPLED ON 11 MAR 2 N FEMALES) IN THE WEST					
Occurrence No.	608	Map Index: 72243	EO Index:	73185		Element Last Seen:	2004-03-10
Occ. Rank:	Unknown	•	Presence:	Presumed Extant		Site Last Seen:	2004-03-10
Occ. Type:	Natural/Nati	ve occurrence	Trend:	Unknown		Record Last Updated:	2008-09-11
Quad Summary:	Round Mou	ntain (3611975)					
County Summary:	Fresno						
Lat/Long:	36.86853 / -	119.59486		Aco	curacy:	80 meters	
UTM:	Zone-11 N4	083432 E268699		Ele	vation (ft):	467	
PLSS:	T12S, R22E	, Sec. 20, SW (M)		Acı	res:	0.0	
Location:	SOUTHWE	ST SIDE FRIANT-KERN CAN ARK 462).	IAL AT MILEPO	OST 014.29, 0.2 MI	NW OF ST H	WY 168 (E SHEPHERD AVE) AT CANAL
					D 044 00 4		
Detailed Location:	MAPPED TO	O PROVIDED COORDINATE	S IN SHAPEF	ILE. POOL ID FKC-I	R-014.29.1.		
Detailed Location: Ecological:		O PROVIDED COORDINATE ESCRIBED AS A LINEAR RO				& NO VEG.	
	HABITAT D		DAD-SIDE POO	DL W/ ROCK-CLAY	SUBSTRATE		OL.



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0	000	Mar Index 04040		70400		0000 00 04
Occurrence No.	609	Map Index: 94219	EO Index:	73186	Element Last Seen:	2009-03-04
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2009-03-04
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown	Record Last Updated:	2015-02-19
Quad Summary:	Round Mour	ntain (3611975)				
County Summary:	Fresno					
Lat/Long:	36.84853 / -	119.58637		Accuracy:	specific area	
UTM:	Zone-11 N4	081192 E269396		Elevation (ft):	465	
PLSS:	T12S, R22E	, Sec. 32, S (M)		Acres:	260.0	
Location:	FROM HER CLOVIS.	NDON AVE NORTH TO TH	E FRIANT KERI	N CANAL, FROM ABOUT 0.4 TC	0 1.7 MILES EAST OF DOG C	REEK; NE OF
Detailed Location:	015.681.20			SHAPEFILE; 2 POOLS, 1 ON E D TO COORDINATES GIVEN F		
Ecological:	SURROUND		EP & CATTLE	DULATING TOPOGRAPHY. 200 GRAZING, RESIDENTIAL; CALII OUND.		
General:		IN 2 POOLS, 11-12 MAR 20 COLLECTED JAN-MAR 2008		ED 6 MAR 2007. 1000S FOUNE D 4 MAR 2009.	D IN 83 OF ABOUT 173 POOL	-S, 28 DEC
Owner/Manager:	USBOR, PV	/T				
0	00201., 1	1				
Occurrence No.	610	Map Index: 94227	EO Index:	73191	Element Last Seen:	2004-03-15
	,		EO Index: Presence:	73191 Presumed Extant	Element Last Seen: Site Last Seen:	2004-03-15 2004-03-15
Occurrence No.	610 Unknown					
Occurrence No. Occ. Rank:	610 Unknown Natural/Natio	Map Index: 94227	Presence:	Presumed Extant	Site Last Seen:	2004-03-15
Occurrence No. Occ. Rank: Occ. Type:	610 Unknown Natural/Natio	Map Index: 94227	Presence:	Presumed Extant	Site Last Seen:	2004-03-15
Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	610 Unknown Natural/Nati Round Mour	Map Index: 94227 ve occurrence ntain (3611975)	Presence:	Presumed Extant	Site Last Seen:	2004-03-15
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	610 Unknown Natural/Natir Round Mour Fresno 36.85063 / -	Map Index: 94227 ve occurrence ntain (3611975)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2004-03-15
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	610 Unknown Natural/Natir Round Mour Fresno 36.85063 / - Zone-11 N4	Map Index: 94227 ve occurrence	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: specific area	2004-03-15
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	610 Unknown Natural/Natir Round Mour Fresno 36.85063 / - Zone-11 N4 T12S, R22E	Map Index: 94227 ve occurrence ntain (3611975) 119.56270 081368 E271514 E, Sec. 34 (M) MI NE OF N ACADEMY AV	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: specific area 460 46.0	2004-03-15 2015-02-27
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	610 Unknown Natural/Natir Round Mour Fresno 36.85063 / - Zone-11 N4 T12S, R22E ABOUT 0.3 THE CROSS NE POLYGO	Map Index: 94227 ve occurrence ntain (3611975) 119.56270 081368 E271514 5, Sec. 34 (M) MI NE OF N ACADEMY AVI SING.	Presence: Trend: E AT THE FRIA ATES PROVIDI	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 460 46.0 IE CANAL FROM 190 FT E TO	2004-03-15 2015-02-27
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	610 Unknown Natural/Natir Round Mour Fresno 36.85063 / - Zone-11 N4 T12S, R22E ABOUT 0.3 THE CROSS NE POLYGO POLYGONS CLEAR TO	Map Index: 94227 ve occurrence	Presence: Trend: E AT THE FRIA ATES PROVIDI SHAPEFILE.	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: NT KERN CANAL, & ALONG TH	Site Last Seen: Record Last Updated: specific area 460 46.0 IE CANAL FROM 190 FT E TO ED ON ESTILL PROPERTY. R	2004-03-15 2015-02-27
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	610 Unknown Natural/Natir Round Mour Fresno 36.85063 / - Zone-11 N44 T12S, R22E ABOUT 0.3 THE CROSS NE POLYGO POLYGONS CLEAR TO SOME DIST	Map Index: 94227 ve occurrence ntain (3611975) 119.56270 081368 E271514 5, Sec. 34 (M) MI NE OF N ACADEMY AVI SING. ON MAPPED TO COORDIN & MAPPED TO PROVIDED & TURBID POOLS; VEGETAT	Presence: Trend: E AT THE FRIA ATES PROVIDI SHAPEFILE. ION INCLUDEI G NOTED.	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: NT KERN CANAL, & ALONG THE ED FOR SPECIMEN COLLECTE	Site Last Seen: Record Last Updated: specific area 460 46.0 IE CANAL FROM 190 FT E TO ED ON ESTILL PROPERTY. R	2004-03-15 2015-02-27



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Occurrence No.	612	Map Index: 72245	EO Index:	73194		Element Last Seen:	2004-03-11
Occ. Rank:	Unknown		Presence:	Presumed Exta	int	Site Last Seen:	2004-03-11
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown		Record Last Updated:	2008-09-12
Quad Summary:	Round Moun	tain (3611975)					
County Summary:	Fresno						
Lat/Long:	36.82795 / -1	19.53556		A	Accuracy:	80 meters	
UTM:	Zone-11 N40	78787 E273867		E	Elevation (ft):	463	
PLSS:	T13S, R22E,	Sec. 01, SW (M)		A	Acres:	0.0	
Location:	SW SIDE OF ACADEMY.	FRIANT-KERN CANAL AT	T MILEPOST 01	8.96, 0.4 CANAL	MILES N OF BU	JLLARD AVE, 4 MILES SOU	TH OF
Detailed Location:	MAPPED TO	PROVIDED COORDINAT	ES IN SHAPEFI	LE. POOL ID FK	C-R-018.96.1.		
Ecological:		SCRIBED AS A CLEAR, LI (SHRIMP NORTH.	INEAR, ROADS	IDE POOL W/ NO	O VEGETATION	& W/ A MUD-GRAVEL BOT	fom, many
General:	3 MALES AN	ID 4 FEMALES IDENTIFIE	D ON 11 MAR 2	004 BY D. NEWM	/AN.		
Owner/Manager:	USBOR						
Occurrence No.	821	Map Index: 94150	EO Index:	95283		Element Last Seen:	2010-02-02
Occ. Rank:	Good		Presence:	Presumed Exta	int	Site Last Seen:	2010-02-02
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown		Record Last Updated:	2014-10-14
Quad Summary:	Little Table M	1tn. (3711917)					
County Summary:	Madera						
Lat/Long:	37.04768 / -1	19.77597		A	Accuracy:	specific area	
UTM:	Zone-11 N41	03766 E253132		E	Elevation (ft):	650	
PLSS:	T10S, R20E,	Sec. 22 (M)		A	Acres:	27.0	
Location:	ALONG HIGI	HWAY 41, 0.3 TO 1.0 MILE	NORTH OF RC	DAD 208 (BELLVI	EW RD), ROUG	GHLY 13 MILES NORTH OF F	RESNO.
Detailed Location:	MAPPED TO	PROVIDED COORDINAT	ES.				
Ecological:		REA ROUTINELY DISKED ING LAND USE RURAL RE		AK, ADJACENT	TO HIGHWAY.	IN NON-NATIVE ANNUAL G	RASSLAND.
General:	1S FOUND II	N 10 POOLS, 5 JAN & 2 FE	EB 2010. COLLE	ECTIONS FROM	EACH POOL IN	CAS (CASIZ #183512-18352	21).
Owner/Manager:	PVT						
Occurrence No.	822	Map Index: 94152	EO Index:	95285		Element Last Seen:	2013-01-21
Occ. Rank:	Unknown		Presence:	Presumed Exta	int	Site Last Seen:	2013-01-21
Осс. Туре:	Natural/Nativ	re occurrence	Trend:	Unknown		Record Last Updated:	2014-10-15
Quad Summary:	Lanes Bridge	e (3611987)					
County Summary:	Madera						
Lat/Long:	36.97540 / -1	19.87328		A	Accuracy:	80 meters	
UTM:	Zone-11 N40	96002 E244234		E	Elevation (ft):	360	
PLSS:	T11S, R19E,	Sec. 14, NW (M)		A	Acres:	0.0	
Location:	0.1 MILE EA	ST OF THE INTERSECTIO	N OF ROAD 37	AND FRANKLIN	AVENUE, EAS	T OF MADERA.	
			OR POOL 155				
Detailed Location:	MAPPED TO	COORDINATES GIVEN F					
	MAPPED TO	COORDINATES GIVEN F	0111002100.				
Detailed Location:		ED ON 21 JAN 2013 (CASI:					



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VERSIL							
Occurrence No.	823	Map Index: 94153	EO Index:	95286		Element Last Seen:	2013-01-09
Occ. Rank:	Unknown		Presence:	Presumed Ex	tant	Site Last Seen:	2013-01-09
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2014-10-15
Quad Summary:	Lanes Bridge	e (3611987)					
County Summary:	Madera						
Lat/Long:	36.96694 / -′	119.86750			Accuracy:	80 meters	
JTM:	Zone-11 N40	095049 E244720			Elevation (ft):	350	
PLSS:	T11S, R19E	, Sec. 23, SW (M)			Acres:	0.0	
ocation:	NORTH SID	E OF AVENUE 15, 0.5 MIL	E EAST OF RO	AD 37, EAST OI	F MADERA.		
Detailed Location:	MAPPED TO	O COORDINATES GIVEN I	FOR POOL 334.				
Ecological:							
General:	1 COLLECT	ED ON 9 JAN 2013.					
Owner/Manager:	UNKNOWN						
Occurrence No.	824	Map Index: 94154	EO Index:	95287		Element Last Seen:	2013-01-18
Dcc. Rank:	Unknown	Map maex. 94194	Presence:	Presumed Ex	tant	Site Last Seen:	2013-01-18
Dcc. Type:		/e occurrence	Trend:	Unknown		Record Last Updated:	2014-10-15
Quad Summary:				Chikilowi			2014 10 10
	Lanes Bridge	e (3611987)					
2	-						
2	Madera						
County Summary: _at/Long:	-	119.85785			Accuracy:	specific area	
County Summary: Lat/Long: JTM:	Madera 36.97109 / - ⁻ Zone-11 N40	095483 E245593			Elevation (ft):	370	
County Summary: Lat/Long: JTM:	Madera 36.97109 / - ⁻ Zone-11 N40				•		
County Summary: _at/Long: JTM: PLSS:	Madera 36.97109 / - [,] Zone-11 N40 T11S, R19E	095483 E245593 , Sec. 14, SE (M)	0.9 MILE EAST 1	TO 1.0 MILE EN	Elevation (ft): Acres:	370	OF MADER/
County Summary: Lat/Long: JTM: PLSS: Location:	Madera 36.97109 / - Zone-11 N40 T11S, R19E NORTH SID	095483 E245593 , Sec. 14, SE (M)			Elevation (ft): Acres: NE OF THE JUNC	370 10.0	OF MADER/
County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location:	Madera 36.97109 / - Zone-11 N40 T11S, R19E NORTH SID	095483 E245593 , Sec. 14, SE (M) E OF AVENUE 15, FROM			Elevation (ft): Acres: NE OF THE JUNC	370 10.0	OF MADER/
County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location: Ecological:	Madera 36.97109 / - Zone-11 N40 T11S, R19E NORTH SID MAPPED TC	095483 E245593 , Sec. 14, SE (M) E OF AVENUE 15, FROM	FOR POOLS 268	(NORTH) AND	Elevation (ft): Acres: NE OF THE JUNC 0 386 (SOUTH).	370 10.0 TION WITH ROAD 37, EAST	OF MADERA
County Summary: .at/Long: JTM: PLSS: .ocation: Detailed Location: Ecological: General:	Madera 36.97109 / - Zone-11 N40 T11S, R19E NORTH SID MAPPED TC	095483 E245593 , Sec. 14, SE (M) E OF AVENUE 15, FROM D COORDINATES GIVEN F	FOR POOLS 268	(NORTH) AND	Elevation (ft): Acres: NE OF THE JUNC 0 386 (SOUTH).	370 10.0 TION WITH ROAD 37, EAST	OF MADER
County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager:	Madera 36.97109 / - ⁻ Zone-11 N40 T11S, R19E NORTH SID MAPPED TO 3 COLLECT	095483 E245593 , Sec. 14, SE (M) E OF AVENUE 15, FROM D COORDINATES GIVEN F	FOR POOLS 268	(NORTH) AND	Elevation (ft): Acres: NE OF THE JUNC 0 386 (SOUTH).	370 10.0 TION WITH ROAD 37, EAST	OF MADERA 2009-03-12
County Summary: .at/Long: JTM: PLSS: .ocation: Detailed Location: Cological: General: Dwner/Manager: Doccurrence No.	Madera 36.97109 / - Zone-11 N40 T11S, R19E NORTH SID MAPPED TC 3 COLLECT UNKNOWN	095483 E245593 , Sec. 14, SE (M) E OF AVENUE 15, FROM D COORDINATES GIVEN F ED FROM POOL 386 ON S	FOR POOLS 268 9 JAN 2013. 2 CC	(NORTH) AND	Elevation (ft): Acres: NE OF THE JUNC 0 386 (SOUTH).	370 10.0 TION WITH ROAD 37, EAST	
County Summary: .at/Long: JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager: Doccurrence No. Docc. Rank:	Madera 36.97109 / Zone-11 N40 T11S, R19E NORTH SID MAPPED TC 3 COLLECT UNKNOWN 826 Unknown	095483 E245593 , Sec. 14, SE (M) E OF AVENUE 15, FROM D COORDINATES GIVEN F ED FROM POOL 386 ON S	FOR POOLS 268 9 JAN 2013. 2 CC EO Index:	(NORTH) AND DLLECTED FRO 95303	Elevation (ft): Acres: NE OF THE JUNC 0 386 (SOUTH).	370 10.0 TION WITH ROAD 37, EAST N 18 JAN 2013. Element Last Seen:	2009-03-12
County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dccurrence No. Dcc. Rank: Dcc. Type:	Madera 36.97109 / Zone-11 N40 T11S, R19E NORTH SID MAPPED TC 3 COLLECT UNKNOWN 826 Unknown Natural/Nativ	095483 E245593 , Sec. 14, SE (M) E OF AVENUE 15, FROM D COORDINATES GIVEN F ED FROM POOL 386 ON S Map Index: 94172 // e occurrence	FOR POOLS 268 9 JAN 2013. 2 CC EO Index: Presence:	95303 Presumed Ex	Elevation (ft): Acres: NE OF THE JUNC 0 386 (SOUTH).	370 10.0 TION WITH ROAD 37, EAST N 18 JAN 2013. Element Last Seen: Site Last Seen:	2009-03-12 2009-03-12
County Summary: .at/Long: JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager: Doccurrence No. Dcc. Rank: Dcc. Type: Quad Summary:	Madera 36.97109 / Zone-11 N40 T11S, R19E NORTH SID MAPPED TC 3 COLLECT UNKNOWN 826 Unknown	095483 E245593 , Sec. 14, SE (M) E OF AVENUE 15, FROM D COORDINATES GIVEN F ED FROM POOL 386 ON S Map Index: 94172 // e occurrence	FOR POOLS 268 9 JAN 2013. 2 CC EO Index: Presence:	95303 Presumed Ex	Elevation (ft): Acres: NE OF THE JUNC 0 386 (SOUTH).	370 10.0 TION WITH ROAD 37, EAST N 18 JAN 2013. Element Last Seen: Site Last Seen:	2009-03-12 2009-03-12
County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager: Doccurrence No. Docc. Rank: Docc. Type: Quad Summary: County Summary:	Madera 36.97109 / - Zone-11 N40 T11S, R19E NORTH SID MAPPED TC 3 COLLECT UNKNOWN 826 Unknown Natural/Nation Lanes Bridge	295483 E245593 , Sec. 14, SE (M) E OF AVENUE 15, FROM D COORDINATES GIVEN F ED FROM POOL 386 ON S Map Index: 94172 Ve occurrence e (3611987)	FOR POOLS 268 9 JAN 2013. 2 CC EO Index: Presence:	95303 Presumed Ex	Elevation (ft): Acres: NE OF THE JUNC 0 386 (SOUTH).	370 10.0 TION WITH ROAD 37, EAST N 18 JAN 2013. Element Last Seen: Site Last Seen:	2009-03-12 2009-03-12
County Summary: .at/Long: JTM: PLSS: .ocation: Detailed Location: Ecological: General: Dwner/Manager: Doccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: .at/Long:	Madera 36.97109 / -' Zone-11 N40 T11S, R19E NORTH SID MAPPED TC 3 COLLECT UNKNOWN 826 Unknown Natural/Nativ Lanes Bridge Madera 36.89037 / -'	295483 E245593 , Sec. 14, SE (M) E OF AVENUE 15, FROM D COORDINATES GIVEN F ED FROM POOL 386 ON S Map Index: 94172 Ve occurrence e (3611987)	FOR POOLS 268 9 JAN 2013. 2 CC EO Index: Presence:	95303 Presumed Ex	Elevation (ft): Acres: NE OF THE JUNC 0 386 (SOUTH). DM POOL 268 ON	370 10.0 TION WITH ROAD 37, EAST N 18 JAN 2013. Element Last Seen: Site Last Seen: Record Last Updated:	2009-03-12 2009-03-12
County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager: Docurrence No. Doc. Rank: Doc. Type: Quad Summary: County Summary: Lat/Long: JTM:	Madera 36.97109 / Zone-11 N40 T11S, R19E NORTH SID MAPPED TO 3 COLLECT UNKNOWN 826 Unknown Natural/Nativ Lanes Bridge Madera 36.89037 / Zone-11 N40	295483 E245593 , Sec. 14, SE (M) E OF AVENUE 15, FROM D COORDINATES GIVEN F ED FROM POOL 386 ON S Map Index: 94172 // occurrence e (3611987) 119.79661	FOR POOLS 268 9 JAN 2013. 2 CC EO Index: Presence:	95303 Presumed Ex	Elevation (ft): Acres: NE OF THE JUNC 0 386 (SOUTH). DM POOL 268 ON ttant Accuracy:	370 10.0 TION WITH ROAD 37, EAST 18 JAN 2013. Element Last Seen: Site Last Seen: Record Last Updated: specific area	2009-03-12 2009-03-12
County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager: Doccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS:	Madera 36.97109 / - Zone-11 N40 T11S, R19E NORTH SID MAPPED TC 3 COLLECT UNKNOWN 826 Unknown Natural/Nativ Lanes Bridge Madera 36.89037 / - Zone-11 N40 T12S, R20E	295483 E245593 , Sec. 14, SE (M) E OF AVENUE 15, FROM D COORDINATES GIVEN F ED FROM POOL 386 ON S Map Index: 94172 // occurrence e (3611987) 119.79661 D86364 E250783 , Sec. 16, NW (M) DRTH TO 0.2 MILE SOUTH	FOR POOLS 268 9 JAN 2013. 2 CC EO Index: Presence: Trend:	95303 Presumed Ex Unknown	Elevation (ft): Acres: NE OF THE JUNC 0 386 (SOUTH). DM POOL 268 ON ttant Accuracy: Elevation (ft): Acres:	370 10.0 TION WITH ROAD 37, EAST N 18 JAN 2013. Element Last Seen: Site Last Seen: Record Last Updated: specific area 370	2009-03-12 2009-03-12 2014-12-03
County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager: Doccurrence No. Docc. Rank: Docc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS: Location:	Madera 36.97109 / - Zone-11 N40 T11S, R19E NORTH SID MAPPED TC 3 COLLECT UNKNOWN 826 Unknown Natural/Nativ Lanes Bridge Madera 36.89037 / - Zone-11 N40 T12S, R20E 0.1 MILE NC	295483 E245593 , Sec. 14, SE (M) E OF AVENUE 15, FROM D COORDINATES GIVEN F ED FROM POOL 386 ON S Map Index: 94172 // occurrence e (3611987) 119.79661 D86364 E250783 , Sec. 16, NW (M) DRTH TO 0.2 MILE SOUTH	FOR POOLS 268 9 JAN 2013. 2 CC EO Index: Presence: Trend:	95303 Presumed Ex Unknown	Elevation (ft): Acres: NE OF THE JUNC 0 386 (SOUTH). DM POOL 268 ON tant Accuracy: Elevation (ft): Acres: HILDRENS BLVD,	370 10.0 TION WITH ROAD 37, EAST A 18 JAN 2013. Element Last Seen: Site Last Seen: Record Last Updated: specific area 370 19.0 JUST NE OF CHILDRENS F	2009-03-12 2009-03-12 2014-12-03
County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager: Doccurrence No. Docc. Rank: Docc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location: Detailed Location:	Madera 36.97109 / - ² Zone-11 N40 T11S, R19E NORTH SID MAPPED TO 3 COLLECT UNKNOWN 826 Unknown Natural/Nativ Lanes Bridge Madera 36.89037 / - ² Zone-11 N40 T12S, R20E 0.1 MILE NO NORTH OF MAPPED TO	295483 E245593 , Sec. 14, SE (M) E OF AVENUE 15, FROM D COORDINATES GIVEN F ED FROM POOL 386 ON S Map Index: 94172 // e occurrence e (3611987) 119.79661 286364 E250783 , Sec. 16, NW (M) DRTH TO 0.2 MILE SOUTH FRESNO.	FOR POOLS 268 9 JAN 2013. 2 CC EO Index: Presence: Trend:	95303 Presumed Ex Unknown	Elevation (ft): Acres: NE OF THE JUNC 0 386 (SOUTH). DM POOL 268 ON tant Accuracy: Elevation (ft): Acres: HILDRENS BLVD,	370 10.0 TION WITH ROAD 37, EAST A 18 JAN 2013. Element Last Seen: Site Last Seen: Record Last Updated: specific area 370 19.0 JUST NE OF CHILDRENS F	2009-03-12 2009-03-12 2014-12-03
County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager: Doccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location: Ecological: General:	Madera 36.97109 / - Zone-11 N40 T11S, R19E NORTH SID MAPPED TC 3 COLLECT UNKNOWN 826 Unknown Natural/Nativ Lanes Bridge Madera 36.89037 / - Zone-11 N40 T12S, R20E 0.1 MILE NC NORTH OF MAPPED TC POOL DEPT	295483 E245593 , Sec. 14, SE (M) E OF AVENUE 15, FROM D COORDINATES GIVEN F ED FROM POOL 386 ON S Map Index: 94172 /e occurrence e (3611987) 119.79661 286364 E250783 , Sec. 16, NW (M) DRTH TO 0.2 MILE SOUTH FRESNO. D COORDINATES PROVIE	FOR POOLS 268 9 JAN 2013. 2 CC EO Index: Presence: Trend:	95303 Presumed Ex Unknown	Elevation (ft): Acres: NE OF THE JUNC 0 386 (SOUTH). DM POOL 268 ON tant Accuracy: Elevation (ft): Acres: HILDRENS BLVD,	370 10.0 TION WITH ROAD 37, EAST A 18 JAN 2013. Element Last Seen: Site Last Seen: Record Last Updated: specific area 370 19.0 JUST NE OF CHILDRENS F	2009-03-12 2009-03-12 2014-12-03



California Department of Fish and Wildlife



Occurrence No.	827	Map Index: 94173	EO Index:	95305		Element Last Seen:	2009-02-27
Occ. Rank:	Unknown		Presence:	Presumed Ex	xtant	Site Last Seen:	2009-02-27
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2014-10-16
Quad Summary:	Lanes Bridge	e (3611987)					
County Summary:	Madera						
Lat/Long:	36.88222 / -	119.80389			Accuracy:	80 meters	
UTM:	Zone-11 N40	085479 E250108			Elevation (ft):	360	
PLSS:	T12S, R20E	, Sec. 17, SE (M)			Acres:	0.0	
Location:	0.4 MILE EN FRESNO.	IE OF THE INTERSECTION	OF AVENUE 9	AND ROAD 4	0 1/2, JUST SW C	F CHILDRENS HOSPITAL, 1	NORTH OF
Detailed Location:	MAPPED TO	COORDINATES PROVIDE	D FOR COLLE	CTION FROM	POOL 89.		
Ecological:	POOL DEPT	TH OF 12 CM.					
General:	3 COLLECT	ED FROM 1 POOL ON 27 FE	EB 2009.				
Owner/Manager:	UNKNOWN						
Occurrence No.	828	Map Index: 94176	EO Index:	95307		Element Last Seen:	2006-03-27
Occ. Rank:	Unknown		Presence:	Presumed Ex	xtant	Site Last Seen:	2006-03-27
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2014-12-03
Quad Summary:	Lanes Bridge	e (3611987)					
County Summary:	Madera						
Lat/Long:	36.88369 / -	119.81600			Accuracy:	1/5 mile	
UTM:	Zone-11 N40	085673 E249033			Elevation (ft):	360	
PLSS:	T12S, R20E	, Sec. 17, SW (M)			Acres:	0.0	
Location:	NORTH SID	E OF AVENUE 9, JUST WES	ST OF ROAD 4	40 1/2, NORTH	OF FRESNO.		
Detailed Location:		ENERALLY TO GIVEN LOCA TE PAIR GIVEN FOR SPECI 3 & 52).					
Ecological:							
General:	MULTIPLE (CAS.	COLLECTIONS MADE ON 16	3 JAN, 17 JAN,	, 13 MAR, 27 M	IAR, AND UNKNO	WN DATE IN 2006, ACCESS	SIONED IN



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Occurrence No.	830	Map Index: 94191	EO Index:	95333	Element Last Seen:	2008-03-13
Occ. Rank:	Excellent		Presence:	Presumed Extant	Site Last Seen:	2008-03-13
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown	Record Last Updated:	2014-10-20
Quad Summary:	Round Mou	ntain (3611975)				
County Summary:	Fresno					
Lat/Long:	36.84527 / -	119.61486		Accuracy:	specific area	
UTM:	Zone-11 N4	080900 E266846		Elevation (ft):	430	
PLSS:	T12S, R22E	, Sec. 31, N (M)		Acres:	54.0	
Location:		TH THOMPSON AVENUE T AST OF CLOVIS.	O 0.8 MILE EA	ST OF NORTH THOMPSON AV	ENUE, NORTH OF EAST AL	LUVIAL
Detailed Location:	HOFFMAN	PROPERTY. FEATURE MA	PPED TO COO	RDINATES PROVIDED WITH FI	ELD SURVEY FORM.	
Ecological:		NON-NATIVE GRASSLAND DING LAND USED FOR AG		UNDULATING TOPOGRAPHY L	JSED FOR MODERATE SHE	EP GRAZING.
General:	THOUSAND	OS DETECTED IN 12 OUT C	F 21 POOLS S	URVEYED 28 DEC 2007. 44 CO	LLECTED JAN-MAR 2008 (C	ASIZ #178599-
	178611).					
Owner/Manager:	178611). PVT					
Owner/Manager: Occurrence No.	,	Map Index: 94192	EO Index:	95334	Element Last Seen:	2008-03-05
	PVT	Map Index: 94192	EO Index: Presence:	95334 Presumed Extant	Element Last Seen: Site Last Seen:	2008-03-05 2008-03-05
Occurrence No.	PVT 831 Good	Map Index: 94192 ve occurrence				
Occurrence No. Occ. Rank:	PVT 831 Good Natural/Nati		Presence:	Presumed Extant	Site Last Seen:	2008-03-05
Occurrence No. Occ. Rank: Occ. Type:	PVT 831 Good Natural/Nati	ve occurrence	Presence:	Presumed Extant	Site Last Seen:	2008-03-05
Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	PVT 831 Good Natural/Nati	ve occurrence ntain (3611975)	Presence:	Presumed Extant	Site Last Seen:	2008-03-05
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	PVT 831 Good Natural/Nati Round Mout Fresno 36.86717 / -	ve occurrence ntain (3611975)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2008-03-05
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	PVT 831 Good Natural/Nati Round Moun Fresno 36.86717 / - Zone-11 N4	ve occurrence ntain (3611975) 119.56438	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: specific area	2008-03-05
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	PVT 831 Good Natural/Nati Round Mour Fresno 36.86717 / - Zone-11 N4 T12S, R22E	ve occurrence ntain (3611975) 119.56438 083208 E271413 5, Sec. 22, SW (M) TH SIDES OF TOLLHOUSE	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: specific area 480 22.0	2008-03-05 2014-10-22
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	PVT 831 Good Natural/Nati Round Mour Fresno 36.86717 / - Zone-11 N4 T12S, R22E ALONG BO AVE, NE OF	ve occurrence ntain (3611975) 119.56438 083208 E271413 5, Sec. 22, SW (M) TH SIDES OF TOLLHOUSE	Presence: Trend: ROAD (HIGHW	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 480 22.0	2008-03-05 2014-10-22
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	PVT 831 Good Natural/Nati Round Mour Fresno 36.86717 / - Zone-11 N4 T12S, R22E ALONG BO AVE, NE OF MAPPED TO NATURAL A HABITAT Q	ve occurrence ntain (3611975) 119.56438 083208 E271413 E, Sec. 22, SW (M) TH SIDES OF TOLLHOUSE F CLOVIS. O PROVIDED COORDINATI	Presence: Trend: ROAD (HIGHW ES. POOLS IN RIGH ENT EXCEPT F	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 480 22.0 DF INTERSECTION WITH N / SSLAND ADJACENT TO RES	2008-03-05 2014-10-22 ACADEMY SIDENCES.
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	PVT 831 Good Natural/Nati Round Mour Fresno 36.86717 / - Zone-11 N4 T12S, R22E ALONG BO AVE, NE OF MAPPED TO NATURAL A HABITAT Q LINDERIEL	ve occurrence ntain (3611975) 119.56438 083208 E271413 5, Sec. 22, SW (M) TH SIDES OF TOLLHOUSE F CLOVIS. O PROVIDED COORDINATI AND ARTIFICIAL VERNAL P UALITY GOOD TO EXCELL LA OCCIDENTALIS ALSO C	Presence: Trend: ROAD (HIGHW ES. OOLS IN RIGH ENT EXCEPT F DBSERVED.	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: VAY 168), 0.4 TO 0.9 MILE SW C	Site Last Seen: Record Last Updated: specific area 480 22.0 DF INTERSECTION WITH N A SSLAND ADJACENT TO RES ED BY NEARBY CONSTRUC	2008-03-05 2014-10-22 ACADEMY SIDENCES. CTION.



California Department of Fish and Wildlife

California Natural Diversity Database



Occurrence No.	835	Map Index: 94229	EO Index:	95356		Element Last Seen:	2006-04-18
Occ. Rank:	Unknown		Presence:	Presumed Extant		Site Last Seen:	2006-04-18
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown		Record Last Updated:	2015-02-19
Quad Summary:	Friant (36119	986)					
County Summary:	Fresno						
Lat/Long:	36.91399 / -1	19.70725		Αςςι	uracy:	specific area	
UTM:	Zone-11 N40	88755 E258823		Eleva	ation (ft):	410	
PLSS:	T12S, R21E,	Sec. 05, SW (M)		Acre	es:	24.0	
Location:	1.1 TO 1.4 M	IILES NNW OF THE INTER	SECTION OF E	COPPER AVENUE	AND AUBER	RRY ROAD, NORTH OF CLO	OVIS.
Detailed Location:	VERNI PROF	PERTY. MAPPED TO PRO	/IDED COORD	INATES.			
Ecological:		APPEARS TO BE REGULA VN FROM AREA.	RLY (ANNUAL	LY?) DISCED (AERI	ALS 2002-20	014). CALIFORNIA TIGER SA	ALAMANDER
General:	20 COLLECT	TED JAN - APR 2006 (CASI	Z #178151, 178	3152, 178153, 178154	4, 178155, 1	78156 AND 178157).	
Owner/Manager:	PVT						
Occurrence No.	836	Map Index: 94236	EO Index:	95362		Element Last Seen:	2001-03-12
Occ. Rank:	Unknown		Presence:	Presumed Extant		Site Last Seen:	2001-03-12
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown		Record Last Updated:	2014-10-21
Quad Summary:	Friant (36119	986)					
County Summary:	Fresno						
Lat/Long:	36.95363 / -1	19.68516		Αςςι	uracy:	80 meters	
UTM:	Zone-11 N40	93098 E260915		Eleva	ation (ft):	550	
PLSS:	T11S, R21E,	Sec. 21, SW (M)		Acre	es:	0.0	
Location:	0.8 MILE NN FRIANT.	W OF WHERE AUBERRY F	ROAD CROSSE	ES THE FRIANT KER	RN CANAL, S	SOUTH OF MILLERTON LAK	KE AND
Detailed Location:		PROVIDED COORDINATE REATION AREA."	ES. LOCALITY	GIVEN AS "BLASING	GAME PROF	PERTY, 4 MI S OF MILLERTO	ON LAKE
Ecological:							
General:	2 COLLECTE	ED ON 12 MAR 2001 (CASI	Z #158282).				
Owner/Manager:	PVT						
Occurrence No.	837	Map Index: 94237	EO Index:	95363		Element Last Seen:	2001-03-12
Occ. Rank:	Unknown		Presence:	Presumed Extant		Site Last Seen:	2001-03-12
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown		Record Last Updated:	2014-10-21
Quad Summary:	Friant (36119	986)					
County Summary:	Fresno						
Lat/Long:	36.95386 / -1	19.72440		Αςςι	uracy:	specific area	
UTM:	Zone-11 N40	93222 E257420		Eleva	ation (ft):	350	
PLSS:	T11S, R21E,	Sec. 19 (M)		Acre	es:	10.0	
Location:	EAST OF N	FRIANT ROAD ON BOTH S	IDES OF BLUF	F VIEW AVE, SOUT	H OF MILLE	RTON LAKE AND FRIANT.	
			ES. GIVEN LOC	ALITY "BLASINGAM		TY, 4 MI S OF MILLERTON I	LAKE STATE
Detailed Location:	MAPPED TO RECREATIO						
Detailed Location: Ecological:	RECREATIO				THE NORTH	IERN POOL.	
	RECREATIO	N AREA."	ION BY 2002 IN	N THE VICINITY OF			

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Occurrence No.	838	Map Index: 94238	EO Index:	95364	Element Last Seen:	2001-03-12
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2001-03-12
Осс. Туре:	Natural/Native	e occurrence	Trend:	Unknown	Record Last Updated:	2015-02-19
Quad Summary:	Friant (36119	86)				
County Summary:	Fresno					
Lat/Long:	36.94470 / -1	19.71751		Accuracy:	specific area	
UTM:	Zone-11 N40	92188 E258005		Elevation (ft):	400	
PLSS:	T11S, R21E,	Sec. 30, S (M)		Acres:	16.0	
Location:	1.5 TO 2.0 M	ILES NNE OF THE INTER	SECTION OF N	FRIANT ROAD AND N WILLOW	AVENUE, NORTH OF CLO	/IS.
Detailed Location:		N RANCH PROPERTY, A UM SPECIMENS.	LSO KNOWN AS	S BLASINGAME PROPERTY. M	APPED TO COORDINATES F	PROVIDED
Ecological:						
General:	11 COLLECT	ED FEB-MAR 2001 (CASI	Z #158122, 1582	280, 158295, 158301).		
Owner/Manager:	PVT					
Occurrence No.	840	Map Index: 94246	EO Index:	95369	Element Last Seen:	2001-03-12
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2001-03-12
Осс. Туре:	Natural/Native	e occurrence	Trend:	Unknown	Record Last Updated:	2014-10-22
Quad Summary:	Friant (36119	86)				
	,	,				
County Summary:	Fresno					
	Fresno 36.94028 / -1	19.70981		Accuracy:	80 meters	
Lat/Long:	36.94028 / -1	19.70981 91679 E258677		Accuracy: Elevation (ft):	80 meters 400	
Lat/Long: UTM:	36.94028 / -1 Zone-11 N40			-		
Lat/Long: UTM: PLSS:	36.94028 / -1 Zone-11 N40 T11S, R21E,	91679 E258677 Sec. 30, SE (M)	RY ROAD CROS	Elevation (ft):	400 0.0	AND FRIAN
Lat/Long: UTM: PLSS: Location:	36.94028 / -1 Zone-11 N40 T11S, R21E, 1.7 MILES W	91679 E258677 Sec. 30, SE (M) EST OF WHERE AUBERF		Elevation (ft): Acres:	400 0.0 DUTH OF MILLERTON LAKE	AND FRIAN
Lat/Long: UTM: PLSS: Location: Detailed Location:	36.94028 / -1 Zone-11 N40 T11S, R21E, 1.7 MILES W	91679 E258677 Sec. 30, SE (M) EST OF WHERE AUBERF		Elevation (ft): Acres:	400 0.0 DUTH OF MILLERTON LAKE	AND FRIANT
Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological:	36.94028 / -1 Zone-11 N40 T11S, R21E, 1.7 MILES W MAPPED TO	91679 E258677 Sec. 30, SE (M) EST OF WHERE AUBERF	OR SPECIMEN	Elevation (ft): Acres:	400 0.0 DUTH OF MILLERTON LAKE	AND FRIANT
Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General:	36.94028 / -1 Zone-11 N40 T11S, R21E, 1.7 MILES W MAPPED TO	91679 E258677 Sec. 30, SE (M) EST OF WHERE AUBERF COORDINATES GIVEN F	OR SPECIMEN	Elevation (ft): Acres:	400 0.0 DUTH OF MILLERTON LAKE	AND FRIAN
Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager:	36.94028 / -1 Zone-11 N40 T11S, R21E, 1.7 MILES W MAPPED TO 2 COLLECTE	91679 E258677 Sec. 30, SE (M) EST OF WHERE AUBERF COORDINATES GIVEN F	OR SPECIMEN	Elevation (ft): Acres:	400 0.0 DUTH OF MILLERTON LAKE	
Lat/Long: JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No.	36.94028 / -1 Zone-11 N40 T11S, R21E, 1.7 MILES W MAPPED TO 2 COLLECTE PVT	91679 E258677 Sec. 30, SE (M) EST OF WHERE AUBERF COORDINATES GIVEN F ED ON 12 MAR 2001 (CAS	FOR SPECIMEN	Elevation (ft): Acres: SES FRIANT KERN CANAL, SC COLLECTED FROM BLASINGA	400 0.0 DUTH OF MILLERTON LAKE AME PROPERTY.	AND FRIANT 1991-03-30 1991-03-30
Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	36.94028 / -1 Zone-11 N40 T11S, R21E, 1.7 MILES W MAPPED TO 2 COLLECTE PVT 841	91679 E258677 Sec. 30, SE (M) EST OF WHERE AUBERF COORDINATES GIVEN F ED ON 12 MAR 2001 (CAS Map Index: 94248	OR SPECIMEN SIZ #158300). EO Index:	Elevation (ft): Acres: SES FRIANT KERN CANAL, SC COLLECTED FROM BLASINGA	400 0.0 DUTH OF MILLERTON LAKE AME PROPERTY. Element Last Seen:	1991-03-30 1991-03-30
Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	36.94028 / -1 Zone-11 N40 T11S, R21E, 1.7 MILES W MAPPED TO 2 COLLECTE PVT 841 Unknown Natural/Native	91679 E258677 Sec. 30, SE (M) EST OF WHERE AUBERF COORDINATES GIVEN F ED ON 12 MAR 2001 (CAS Map Index: 94248	FOR SPECIMEN SIZ #158300). EO Index: Presence:	Elevation (ft): Acres: SES FRIANT KERN CANAL, SC COLLECTED FROM BLASINGA 95372 Presumed Extant	400 0.0 DUTH OF MILLERTON LAKE AME PROPERTY. Element Last Seen: Site Last Seen:	1991-03-30
Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	36.94028 / -1 Zone-11 N40 T11S, R21E, 1.7 MILES W MAPPED TO 2 COLLECTE PVT 841 Unknown Natural/Native	91679 E258677 Sec. 30, SE (M) EST OF WHERE AUBERF COORDINATES GIVEN F ED ON 12 MAR 2001 (CAS Map Index: 94248 e occurrence	FOR SPECIMEN SIZ #158300). EO Index: Presence:	Elevation (ft): Acres: SES FRIANT KERN CANAL, SC COLLECTED FROM BLASINGA 95372 Presumed Extant	400 0.0 DUTH OF MILLERTON LAKE AME PROPERTY. Element Last Seen: Site Last Seen:	1991-03-30 1991-03-30
Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	36.94028 / -1 Zone-11 N40 T11S, R21E, 1.7 MILES W MAPPED TO 2 COLLECTE PVT 841 Unknown Natural/Native Round Mount	91679 E258677 Sec. 30, SE (M) EST OF WHERE AUBERF COORDINATES GIVEN F ED ON 12 MAR 2001 (CAS Map Index: 94248 e occurrence tain (3611975)	FOR SPECIMEN SIZ #158300). EO Index: Presence:	Elevation (ft): Acres: SES FRIANT KERN CANAL, SC COLLECTED FROM BLASINGA 95372 Presumed Extant	400 0.0 DUTH OF MILLERTON LAKE AME PROPERTY. Element Last Seen: Site Last Seen:	1991-03-30 1991-03-30
Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	36.94028 / -1 Zone-11 N40 T11S, R21E, 1.7 MILES W MAPPED TO 2 COLLECTE PVT 841 Unknown Natural/Native Round Mount Fresno 36.86679 / -1	91679 E258677 Sec. 30, SE (M) EST OF WHERE AUBERF COORDINATES GIVEN F ED ON 12 MAR 2001 (CAS Map Index: 94248 e occurrence tain (3611975)	FOR SPECIMEN SIZ #158300). EO Index: Presence:	Elevation (ft): Acres: SES FRIANT KERN CANAL, SC COLLECTED FROM BLASINGA 95372 Presumed Extant Unknown	400 0.0 DUTH OF MILLERTON LAKE AME PROPERTY. Element Last Seen: Site Last Seen: Record Last Updated:	1991-03-30 1991-03-30
Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	36.94028 / -1 Zone-11 N40 T11S, R21E, 1.7 MILES W MAPPED TO 2 COLLECTE PVT 841 Unknown Natural/Native Round Mount Fresno 36.86679 / -1	91679 E258677 Sec. 30, SE (M) EST OF WHERE AUBERF COORDINATES GIVEN F ED ON 12 MAR 2001 (CAS Map Index: 94248 e occurrence tain (3611975) 19.58469 83215 E269601	FOR SPECIMEN SIZ #158300). EO Index: Presence:	Elevation (ft): Acres: SES FRIANT KERN CANAL, SC COLLECTED FROM BLASINGA 95372 Presumed Extant Unknown Accuracy:	400 0.0 DUTH OF MILLERTON LAKE AME PROPERTY. Element Last Seen: Site Last Seen: Record Last Updated: 2/5 mile	1991-03-30 1991-03-30
Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	36.94028 / -1 Zone-11 N40 T11S, R21E, 1.7 MILES W MAPPED TO 2 COLLECTE PVT 841 Unknown Natural/Native Round Mount Fresno 36.86679 / -1 Zone-11 N40 T12S, R22E,	91679 E258677 Sec. 30, SE (M) EST OF WHERE AUBERF COORDINATES GIVEN F ED ON 12 MAR 2001 (CAS Map Index: 94248 e occurrence tain (3611975) 19.58469 83215 E269601 Sec. 29 (M)	OR SPECIMEN IZ #158300). EO Index: Presence: Trend:	Elevation (ft): Acres: SES FRIANT KERN CANAL, SC COLLECTED FROM BLASINGA 95372 Presumed Extant Unknown Accuracy: Elevation (ft):	400 0.0 DUTH OF MILLERTON LAKE AME PROPERTY. Element Last Seen: Site Last Seen: Record Last Updated: 2/5 mile 465 0.0	1991-03-30 1991-03-30
Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	36.94028 / -1 Zone-11 N40 T11S, R21E, 1.7 MILES W MAPPED TO 2 COLLECTE PVT 841 Unknown Natural/Native Round Mount Fresno 36.86679 / -1 Zone-11 N40 T12S, R22E, VICINITY OF MAPPED GE	91679 E258677 Sec. 30, SE (M) EST OF WHERE AUBERF COORDINATES GIVEN F ED ON 12 MAR 2001 (CAS Map Index: 94248 e occurrence tain (3611975) 19.58469 83215 E269601 Sec. 29 (M) HIGHWAY 168 ABOUT 1. NERALLY TO GIVEN LOO	OR SPECIMEN IZ #158300). EO Index: Presence: Trend: .5 MILES WEST CALITY, "CARLE	Elevation (ft): Acres: SES FRIANT KERN CANAL, SC COLLECTED FROM BLASINGA 95372 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: OF N ACADEMY AVENUE, NE TON RANCH APPROXIMATELY	400 0.0 DUTH OF MILLERTON LAKE AME PROPERTY. Element Last Seen: Site Last Seen: Record Last Updated: 2/5 mile 465 0.0 OF CLOVIS.	1991-03-30 1991-03-30 2014-10-22
County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological:	36.94028 / -1 Zone-11 N40 T11S, R21E, 1.7 MILES W MAPPED TO 2 COLLECTE PVT 841 Unknown Natural/Native Round Mount Fresno 36.86679 / -1 Zone-11 N40 T12S, R22E, VICINITY OF MAPPED GE CALIFORNIA	91679 E258677 Sec. 30, SE (M) EST OF WHERE AUBERF COORDINATES GIVEN F ED ON 12 MAR 2001 (CAS Map Index: 94248 e occurrence tain (3611975) 19.58469 83215 E269601 Sec. 29 (M) HIGHWAY 168 ABOUT 1.	OR SPECIMEN IZ #158300). EO Index: Presence: Trend: .5 MILES WEST CALITY, "CARLE COLLECTION L	Elevation (ft): Acres: SES FRIANT KERN CANAL, SC COLLECTED FROM BLASINGA 95372 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: OF N ACADEMY AVENUE, NE TON RANCH APPROXIMATELY	400 0.0 DUTH OF MILLERTON LAKE AME PROPERTY. Element Last Seen: Site Last Seen: Record Last Updated: 2/5 mile 465 0.0 OF CLOVIS.	1991-03-30 1991-03-30 2014-10-22
Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	36.94028 / -1 Zone-11 N40 T11S, R21E, 1.7 MILES W MAPPED TO 2 COLLECTE PVT 841 Unknown Natural/Native Round Mount Fresno 36.86679 / -1 Zone-11 N40 T12S, R22E, VICINITY OF MAPPED GE CALIFORNIA GRASSY SW	91679 E258677 Sec. 30, SE (M) EST OF WHERE AUBERF COORDINATES GIVEN F ED ON 12 MAR 2001 (CAS Map Index: 94248 e occurrence tain (3611975) 19.58469 83215 E269601 Sec. 29 (M) HIGHWAY 168 ABOUT 1. NERALLY TO GIVEN LOO HIGHWAY 168," EXACT	EOR SPECIMEN SIZ #158300). EO Index: Presence: Trend: .5 MILES WEST CALITY, "CARLE COLLECTION L DLS.	Elevation (ft): Acres: SES FRIANT KERN CANAL, SC COLLECTED FROM BLASINGA 95372 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: OF N ACADEMY AVENUE, NE TON RANCH APPROXIMATELY OCATION UNKNOWN.	400 0.0 DUTH OF MILLERTON LAKE AME PROPERTY. Element Last Seen: Site Last Seen: Record Last Updated: 2/5 mile 465 0.0 OF CLOVIS.	1991-03-30 1991-03-30 2014-10-22



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Occurrence No.	902	Map Index: A2132	EO Index:	103727	Element Last Seen:	2016-02-11
Occ. Rank:	Poor		Presence:	Presumed Extant	Site Last Seen:	2016-02-11
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2016-10-13
Quad Summary:	Madera (3	612081)				
County Summary:	Madera					
Lat/Long:	36.98655 /	/ -120.03176		Accuracy:	80 meters	
UTM:	Zone-10 N	I4097499 E764182		Elevation (ft):	292	
PLSS:	T11S, R18	8E, Sec. 8, SW (M)		Acres:	5.0	
Location:	ALONG R. MADERA.		2 MILES W OF	ELLIS ST AT RD 28 1/2 & 1.1 MI	LES NE OF HWY 145 AT TO	ZER ST,
Detailed Location:	MAPPED [·]	TO PROVIDED COORDINATI	ES.			
Ecological:				ENT TO RAILROAD RIGHT-OF-\ SITE IS PERMITTED BUT HAS N		
General:	THOUSAN	NDS OBSERVED, DOZENS O	F ADULTS COI	LLECTED AND POSITIVELY IDE	NTIFIED ON 27 JAN, 5 FEB	& 11 FEB 2016.
Owner/Manager:	STATE-HS	SRAII				
Occurrence No.	903	Map Index: A2377	EO Index:	103985	Element Last Seen:	2016-02-16
Occurrence No. Occ. Rank:	903 Good	-	EO Index: Presence:	103985 Presumed Extant	Element Last Seen: Site Last Seen:	2016-02-16 2016-02-16
	Good	-				
Occ. Rank:	Good Natural/Na	Map Index: A2377	Presence:	Presumed Extant	Site Last Seen:	2016-02-16
Occ. Rank: Occ. Type:	Good Natural/Na	Map Index: A2377	Presence:	Presumed Extant	Site Last Seen:	2016-02-16
Occ. Rank: Occ. Type: Quad Summary:	Good Natural/Na Lanes Bric Madera	Map Index: A2377	Presence:	Presumed Extant	Site Last Seen:	2016-02-16
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Good Natural/Na Lanes Bric Madera 36.92287 /	Map Index: A2377 ative occurrence Ige (3611987)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2016-02-16
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Good Natural/Na Lanes Brio Madera 36.92287 / Zone-11 N	Map Index: A2377 ative occurrence dge (3611987) / -119.78682	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: specific area	2016-02-16
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Good Natural/Na Lanes Bric Madera 36.92287 / Zone-11 N T12S, R20	Map Index: A2377 ative occurrence dge (3611987) / -119.78682 I4089944 E251762 DE, Sec. 4, NE (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: specific area 368 9.0	2016-02-16 2016-10-27
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Good Natural/Na Lanes Brid Madera 36.92287 / Zone-11 N T12S, R20 SOUTH SI	Map Index: A2377 ative occurrence dge (3611987) / -119.78682 I4089944 E251762 DE, Sec. 4, NE (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 368 9.0	2016-02-16 2016-10-27
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Good Natural/Na Lanes Brid Madera 36.92287 / Zone-11 N T12S, R20 SOUTH SI MAPPED	Map Index: A2377 ative occurrence dge (3611987) / -119.78682 l4089944 E251762 DE, Sec. 4, NE (M) IDE OF AVE 12, VICINITY OF TO PROVIDED COORDINATI	Presence: Trend: ROOT CREEK ES. POOLS #52 AZED GRASSL	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: 5, ABOUT 0.5 MILES E OF HWY 2 & 73. AND. SURROUNDING LAND US	Site Last Seen: Record Last Updated: specific area 368 9.0 41, 12 MILES N OF FRESNO	2016-02-16 2016-10-27
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Good Natural/Na Lanes Brid Madera 36.92287 / Zone-11 N T12S, R20 SOUTH SI MAPPED VERNAL F HIGHWAY	Map Index: A2377 ative occurrence dge (3611987) 7 -119.78682 14089944 E251762 DE, Sec. 4, NE (M) IDE OF AVE 12, VICINITY OF TO PROVIDED COORDINATI POOL SURROUNDED BY GR 7. LINDERIELLA OCCIDENTA	Presence: Trend: ROOT CREEK ES. POOLS #52 AZED GRASSL	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: C, ABOUT 0.5 MILES E OF HWY 2 & 73. AND. SURROUNDING LAND US	Site Last Seen: Record Last Updated: specific area 368 9.0 41, 12 MILES N OF FRESNO SES INCLUDED AGRICULTU	2016-02-16 2016-10-27



California Department of Fish and Wildlife



VERSI						~
Occurrence No.	909	Map Index: A6634	EO Index:	108404	Element Last Seen:	2017-02-26
Occ. Rank:	Fair		Presence:	Presumed Extant	Site Last Seen:	2017-02-26
Осс. Туре:	Natural/N	lative occurrence	Trend:	Unknown	Record Last Updated:	2017-10-18
Quad Summary:	Madera (3	3612081)				
County Summary:	Madera					
Lat/Long:	36.99606	5 / -120.04928		Accuracy:	specific area	
UTM:	Zone-10 I	N4098506 E762589		Elevation (ft):	294	
PLSS:	T11S, R1	8E, Sec. 7, NW (M)		Acres:	10.0	
Location:	SOUTH S	SIDE OF AVENUE 17 ABOUT	0.3 TO 0.4 MILE	S EAST OF N LAKE ST, N OF N	/IADERA.	
Detailed Location:	MAPPED	TO PROVIDED COORDINAT	ES.			
Ecological:		SINS BETWEEN ROWS OF A RAIL PROJECT MAY IMPACT		NEYARD IN AGRICULTURAL AF DVALLENSIS ALSO FOUND.	REA. RAILROAD TRACKS NE	ARBY; HIGH
General:	PERCEN	OBSERVED IN E POOL, 1 IN IT WERE B. LYNCHI VS. B. M		5 FEB 2017. 100S-1000S OF NA S.	UPLII PRESENT, UNKNOWN	I WHAT
Owner/Manager:	PVT					
Occurrence No.	916	Map Index: A8875	EO Index:	110670	Element Last Seen:	2017-01-26
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2017-01-26
Осс. Туре:	Natural/N	lative occurrence	Trend:	Unknown	Record Last Updated:	2018-04-03
Quad Summary:	Gregg (36	611988)				
County Summary:	Madera					
Lat/Long:	36.92058	8 / -119.98415		Accuracy:	80 meters	
UTM:	Zone-11 I	N4090223 E234172		Elevation (ft):	273	
PLSS:	T12S, R1	8E, Sec. 3, NE (M)		Acres:	5.0	
Location:	ABOUT 0).5 MILES SE OF AVE 12 AT F	RD 30 1/2 AND 1	.5 MILES NW OF AVE 11 AT IO	WA ST IN TRIGO.	
Detailed Location:	MAPPED	TO PROVIDED COORDINAT	ES. SOUTH OF	PG&E BORDEN SUBSTATION		
Ecological:	ARTIFICI		TATION AND SL	ID WITH NATIVE FORBS. TOPC IGHTLY SLOPED, ALLOWING I OOLS.		
General:	100,000S	OF ADULTS OBSERVED SV	VIMMING AND F	EEDING 27 DEC 2016 TO 26 JA	AN 2017; IDENTIFIED ON 26	JAN 2017.
Owner/Manager:	PVT-PGE	1				
Branchinecta n	nesovalle	nsis			Element Code: ICBR	A03150
midvalley fairy sh						
Listing Status:	Federal:	None		CNDDB Element Ran	ks: Global: G2	
	State:	None			State: S2S3	
	Other:					
Habitat:	General:	VERNAL POOLS IN THE C	ENTRAL VALLE	EY.		



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Occurrence No.	22	Map Index: 47427	EO Index:	47427		Element Last Seen:	2002-02-10
Occ. Rank:	Excellent		Presence:	Presumed Ex	tant	Site Last Seen:	2002-02-10
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2002-03-14
Quad Summary:	Friant (36119	986)					
County Summary:	Fresno						
Lat/Long:	36.92967 / -1	19.71144			Accuracy:	80 meters	
UTM:	Zone-11 N40	90505 E258499			Elevation (ft):	335	
PLSS:	T11S, R21E,	Sec. 31, SE (M)			Acres:	0.0	
Location:	SOUTH OF I	LITTLE DRY CREEK AND W	EST OF AUBE	ERRY ROAD, 4	MILES SOUTH C	PF FRIANT.	
Detailed Location:	SITE IS DES	TINED TO BECOME A MITI	GATION BANK	Κ.			
Ecological:	UP OF NUM		PAN DEPRESS			OOR CLOSE BY; TOPOGRAI REA WHICH IS WASHED OU	
General:	25 ADULTS	OBSERVED ON 10 FEB 200	2; COLLECTIO	ON MADE AND	DEPOSITED AT	CAS.	
Owner/Manager:	PVT						
Occurrence No.	30	Map Index: 48319	EO Index:	48319		Element Last Seen:	1992-03-08
	30	Map muex. 40019					1002 00 00
Occ. Rank:	Unknown		Presence:	Presumed Ex	tant	Site Last Seen:	1992-03-08
Occ. Rank: Occ. Type:	Unknown	re occurrence			tant		
	Unknown Natural/Nativ	·	Presence:	Presumed Ex	tant	Site Last Seen:	1992-03-08
Осс. Туре:	Unknown Natural/Nativ	e occurrence	Presence:	Presumed Ex	ttant	Site Last Seen:	1992-03-08
Occ. Type: Quad Summary:	Unknown Natural/Nativ Little Table M	re occurrence /tn. (3711917)	Presence:	Presumed Ex	Accuracy:	Site Last Seen:	1992-03-08
Occ. Type: Quad Summary: County Summary:	Unknown Natural/Nativ Little Table M Madera 37.01170 / -1	re occurrence /tn. (3711917)	Presence:	Presumed Ex		Site Last Seen: Record Last Updated:	1992-03-08
Occ. Type: Quad Summary: County Summary: Lat/Long:	Unknown Natural/Nativ Little Table M Madera 37.01170 / -1 Zone-11 N40	ve occurrence Mtn. (3711917) 119.79519	Presence:	Presumed Ex	Accuracy:	Site Last Seen: Record Last Updated: 1/10 mile	1992-03-08
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Unknown Natural/Nativ Little Table M Madera 37.01170 / -1 Zone-11 N40 T10S, R20E,	ve occurrence //tn. (3711917) 119.79519 099823 E251305 Sec. 33, SW (M)	Presence: Trend:	Presumed Ex Unknown	Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/10 mile 460	1992-03-08 2014-12-01
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Nativ Little Table M Madera 37.01170 / -1 Zone-11 N40 T10S, R20E,	ve occurrence //tn. (3711917) 119.79519 099823 E251305 Sec. 33, SW (M)	Presence: Trend:	Presumed Ex Unknown	Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/10 mile 460 0.0	1992-03-08 2014-12-01
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Nativ Little Table M Madera 37.01170 / -1 Zone-11 N40 T10S, R20E,	re occurrence //tn. (3711917) 119.79519 099823 E251305 Sec. 33, SW (M) F HIGHWAY 145 AT HIGHW.	Presence: Trend:	Presumed Ex Unknown	Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/10 mile 460 0.0	1992-03-08 2014-12-01
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Unknown Natural/Nativ Little Table M Madera 37.01170 / -1 Zone-11 N40 T10S, R20E, JUST NE OF VERNAL PO MYERS COL OBSERVED	re occurrence /tn. (3711917) 119.79519 099823 E251305 Sec. 33, SW (M) F HIGHWAY 145 AT HIGHW. OLS.	Presence: Trend: AY 41, ABOUT (BELK #1064, (D. ROGERS)	Presumed Ex Unknown 5 MILES WNW USNM #10840	Accuracy: Elevation (ft): Acres: / OF MILLERTON	Site Last Seen: Record Last Updated: 1/10 mile 460 0.0 I LAKE/FRIANT DAM, FOUR	1992-03-08 2014-12-01



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Occurrence No.	48	Map Index: 48374	EO Index:	48374		Element Last Seen:	XXXX-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	XXXX-XX-XX
Осс. Туре:	Natural/Nativ	/e occurrence	Trend:	Unknown		Record Last Updated:	2002-07-25
Quad Summary:	Friant (36119	986)					
County Summary:	Fresno						
Lat/Long:	36.88961 / -1	119.63571			Accuracy:	1/10 mile	
UTM:	Zone-11 N40	085870 E265122			Elevation (ft):	430	
PLSS:	T12S, R21E,	, Sec. 13, NW (M)			Acres:	0.0	
Location:	5.6 MILES N	E OF CLOVIS, 0.35 MILE S	OUTH OF THE	FRIANT-KERI	N CANAL ALONG	AN UNIMPROVED ROAD.	
Detailed Location:							
Ecological:							
General:		NUMBER OF INDIVIDUALS ON OBTAINED FROM VARI			T SITE #036 ON A	N UNKNOWN DATE. LOCA	ΓΙΟΝ
Owner/Manager:	UNKNOWN	ON OBTAINED FROM VARI		.5.			
Occurrence No.	126	Map Index: 94618	EO Index:	95730		Element Last Seen:	2008-03-05
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	2008-03-05
Осс. Туре:	Natural/Nativ	/e occurrence	Trend:	Unknown		Record Last Updated:	2014-12-04
Quad Summary:	Round Moun	ntain (3611975)					
County Summary:	Fresno						
Lat/Long:	36.86638 / -1	119.56583			Accuracy:	80 meters	
UTM:	Zone-11 N40	083124 E271281			Elevation (ft):	470	
PLSS:	T12S, R22E,	, Sec. 27, NW (M)			Acres:	0.0	
Location:	ABOUT 0.1 I CROSSING.		E 168 AT E SH	EPHERD AVE	, 1.2 MILES NW O	F ACADEMY AVE AT THE F	RIANT CANAL
Detailed Location:	SR 168 AT S	SHEPHERD AVENUE, MAPP	PED TO COOR	DINATES GIV	EN ON FIELD SUI	RVEY FORM.	
Ecological:	ANNUA, ANI		SIMUS. LINDE			UDED ELEOCHARIS, ERYN OBSERVED. SURROUNDIN	
General:	2 OBSERVE	D AND COLLECTED ON 6 F	EB AND 2 OB	SERVED/COL	LECTED ON 5 MA	AR 2008.	
Owner/Manager:	PVT						



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Occurrence No.	130	Map Index: 94622	EO Index:	95734	Element Last Seen:	2007-12-28
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2007-12-28
Осс. Туре:	Natural/Native	occurrence	Trend:	Unknown	Record Last Updated:	2014-12-04
Quad Summary:	Round Mounta	ain (3611975)				
County Summary:	Fresno					
Lat/Long:	36.84792 / -11	9.60813		Accuracy:	80 meters	
UTM:		1177 E267454		Elevation (ft):	430	
PLSS:		Sec. 31, NE (M)		Acres:	0.0	
Location:	CLOVIS.	AILE NE OF N THOMPSON	IAVEAIEAL	LUVIAL AVE AND 1 MILE NW C	F HERNDON AVE AT NAUT	IUMN AVE,
Detailed Location:	HOFFMAN PR	ROPERTY. MAPPED TO CO	OORDINATES	GIVEN FOR POOL #15.		
Ecological:		FOUND. DISTURBANCE		UNDULATING TOPOGRAPHY. L 9 GRAZING. SURROUNDING LA		
General:		DETECTED IN 1 OF 21 PC	OOLS SURVE	YED ON 28 DEC 2007.		
Owner/Manager:	PVT					
Occurrence No.	131	Map Index: 94623	EO Index:	95735	Element Last Seen:	2007-12-28
Occurrence No. Occ. Rank:	131 Unknown	Map Index: 94623	EO Index: Presence:	95735 Presumed Extant	Element Last Seen: Site Last Seen:	2007-12-28 2007-12-28
Occ. Rank: Occ. Type:	Unknown Natural/Native	occurrence	Presence:	Presumed Extant	Site Last Seen:	2007-12-28
Occ. Rank: Occ. Type: Quad Summary:	Unknown Natural/Native Round Mounta	occurrence	Presence:	Presumed Extant	Site Last Seen:	2007-12-28
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Unknown Natural/Native Round Mounta Fresno	occurrence ain (3611975)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2007-12-28
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Unknown Natural/Native Round Mounta Fresno 36.84991 / -11	occurrence ain (3611975) 9.58526	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: specific area	2007-12-28
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Unknown Natural/Native Round Mounta Fresno 36.84991 / -11 Zone-11 N408	occurrence ain (3611975) 9.58526 1343 E269499	Presence:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: specific area 440	2007-12-28
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Native Round Mounta Fresno 36.84991 / -11 Zone-11 N408 T12S, R22E, S	occurrence ain (3611975) 9.58526 1343 E269499 Sec. 32 (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 440 83.0	2007-12-28 2014-12-04
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Native Round Mounta Fresno 36.84991 / -11 Zone-11 N408 T12S, R22E, S FROM ABOUT	occurrence ain (3611975) 9.58526 1343 E269499 Sec. 32 (M) F 0.1 TO 1.3 MILES NORTH	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: DN AVE AND 0.4 TO 1.7 MILES E	Site Last Seen: Record Last Updated: specific area 440 83.0 EAST OF DOG CREEK; NE C	2007-12-28 2014-12-04
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Native Round Mounta Fresno 36.84991 / -11 Zone-11 N408 T12S, R22E, S FROM ABOUT SW SEC 28, S	occurrence ain (3611975) 9.58526 1343 E269499 Sec. 32 (M) F 0.1 TO 1.3 MILES NORTH SE SEC 29, NE SEC 32, AN	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 440 83.0 EAST OF DOG CREEK; NE C PED TO COORDINATES FC	2007-12-28 2014-12-04
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Native Round Mounta Fresno 36.84991 / -11 Zone-11 N408 T12S, R22E, S FROM ABOUT SW SEC 28, S POOLS # 5, 6, POOLS IN NO AGRICULTUR	occurrence ain (3611975) 9.58526 1343 E269499 Sec. 32 (M) F 0.1 TO 1.3 MILES NORTH SE SEC 29, NE SEC 32, AN , 10-15, 17, 18, 20, 23, 25, 30 N-NATIVE GRASSLAND V	Presence: Trend: H OF HERNDC D W HALF SE 28, 29, 31, 33, VITH UNDULA ERIELLA OCC	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: DN AVE AND 0.4 TO 1.7 MILES E C 33. ESTILL PROPERTY. MAP	Site Last Seen: Record Last Updated: specific area 440 83.0 EAST OF DOG CREEK; NE C PED TO COORDINATES FC 67, 84, & 87.	2007-12-28 2014-12-04 DF CLOVIS. DR OCCUPIED GRAZING,
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Unknown Natural/Native Round Mounta Fresno 36.84991 / -11 Zone-11 N408 T12S, R22E, S FROM ABOUT SW SEC 28, S POOLS # 5, 6, POOLS IN NO AGRICULTUR CALIFORNIEN	occurrence ain (3611975) 9.58526 1343 E269499 Sec. 32 (M) F 0.1 TO 1.3 MILES NORTH SE SEC 29, NE SEC 32, AN , 10-15, 17, 18, 20, 23, 25, 30 N-NATIVE GRASSLAND V E, & RESIDENTIAL. LINDE NSE ALSO FOUND ONSIT	Presence: Trend: H OF HERNDO D W HALF SE 28, 29, 31, 33, VITH UNDULA ERIELLA OCC E.	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: DN AVE AND 0.4 TO 1.7 MILES E C 33. ESTILL PROPERTY. MAP 34, 40, 43, 45, 47, 54, 61-63, 66, TING TOPOGRAPHY. SURROU	Site Last Seen: Record Last Updated: specific area 440 83.0 EAST OF DOG CREEK; NE C PED TO COORDINATES FC 67, 84, & 87. INDING LAND USES WERE (IAMMONDII, & AMBYSTOMA	2007-12-28 2014-12-04 OF CLOVIS. OR OCCUPIED GRAZING,



California Department of Fish and Wildlife

California Natural Diversity Database



Occurrence No.	132	Map Index: 94625	EO Index:	95736	Element Last Seen:	2007-12-28
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2007-12-28
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2014-12-09
Quad Summary:	Round Mo	ountain (3611975)				
County Summary:	Fresno					
Lat/Long:	36.84295	/ -119.60031		Accuracy:	specific area	
UTM:	Zone-11 N	4080607 E268136		Elevation (ft):	425	
PLSS:	T12S, R22	2E, Sec. 32, SW (M)		Acres:	3.0	
Location:	ABOUT 0. KERN CA		VE AT DEL REN	AVE AND 1.7 MILES SW OF TO	OLLHOUSE RD (SR 168) AT	THE FRIANT
Detailed Location:	ESTILL PI	ROPERTY. MAPPED TO COO	ORDINATES GIV	VEN FOR POOL #36.		
Ecological:	AGRICUL		DERIELLA OCC	TING TOPOGRAPHY. SURROU IDENTALIS, B. LYNCHI, SPEA H		
General:	1000S FO	UND IN 32 OUT OF 92 POOL	S SURVEYED	28 DEC 2007 (1 MAPPED HERE	, SEE ALSO OCCURRENCE	#131).
Owner/Manager:	PVT					
Occurrence No.	137	Map Index: A6634	EO Index:	108403	Element Last Seen:	2017-02-26
Occ. Rank:	Fair		Presence:	Presumed Extant	Site Last Seen:	2017-02-26
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2017-10-02
Quad Summary:	Madera (3	612081)				
County Summary:	Madera					
Lat/Long:	36.99606	/ -120.04928		Accuracy:	specific area	
UTM:	Zone-10 N	14098506 E762589		Elevation (ft):	294	
PLSS:	T11S, R18	8E, Sec. 7, NW (M)		Acres:	10.0	
Location:	SOUTH S	IDE OF AVENUE 17 ABOUT	0.3 TO 0.4 MILE	S EAST OF N LAKE ST, N OF N	IADERA.	
Detailed Location:	MAPPED	TO PROVIDED COORDINAT	ES.			
Ecological:		SINS BETWEEN ROWS OF AI AIL PROJECT MAY IMPACT		IEYARD IN AGRICULTURAL AR HI ALSO FOUND.	EA. RAILROAD TRACKS NE	EARBY; HIGH
General:		S OBSERVED IN W POOL, 3 I WERE B. LYNCHI VS. B. ME		26 FEB 2017. 100S-1000S OF N S.	AUPLII PRESENT, UNKNOV	VN WHAT
Owner/Manager:	PVT					
Linderiella occ	identalis				Element Code: ICBR	RA06010
California linderie	ella					
Listing Status:	Federal:	None		CNDDB Element Ran	ks: Global: G2G3	
	State:	None			State: S2S3	
	Other:	IUCN_NT-Near Threatened				
Habitat:	General:	SEASONAL POOLS IN UNI SANDSTONE DEPRESSIO		SLANDS WITH OLD ALLUVIAL	SOILS UNDERLAIN BY HAR	RDPAN OR IN
	Micro:	WATER IN THE POOLS HA	S VERY LOW	ALKALINITY, CONDUCTIVITY, A	ND TOTAL DISSOLVED SO	LIDS.



California Department of Fish and Wildlife



Occurrence No.	1 Map Index: 24602	EO Index:	6391	Element Last Seen:	1993-03-24
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:	1993-03-24
Осс. Туре:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:	1993-09-20
Quad Summary:	Friant (3611986)				
County Summary:	Madera				
Lat/Long:	36.98227 / -119.73825		Accuracy:	80 meters	
UTM:	Zone-11 N4096410 E256278		Elevation (ft):	440	
PLSS:	T11S, R20E, Sec. 12, SE (M)		Acres:	0.0	
Location:	ALONG MADERA CANAL, 1.5 MILES WS	SW OF FRIAN	Т.		
Detailed Location:					
Ecological:					
General:	SEVERAL OBSERVED IN 1993.				
Owner/Manager:	USBOR				
Occurrence No.	2 Map Index: 64321	EO Index:	6582	Element Last Seen:	2004-03-18
Occ. Rank:	Fair	Presence:	Presumed Extant	Site Last Seen:	2004-03-18
Осс. Туре:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:	2008-09-15
Quad Summary:	Lanes Bridge (3611987)				
County Summary:	Madera				
Lat/Long:	36.98865 / -119.79486		Accuracy:	nonspecific area	
UTM:	Zone-11 N4097265 E251259		Elevation (ft):	430	
PLSS:	T11S, R20E, Sec. 09 (M)		Acres:	38.0	
Location:	ABOUT 1.5 MILES SOUTH OF STATE RORIGHT-OF-WAY.	OUTE 145 ALC	ONG STATE ROUTE 41 (AT BEN	NCHMARK 432) AND MADEF	RA CANAL
Detailed Location:	SERIES OF 3 POOLS ON E SIDE OF CA (MIDDLE CANAL POOL). 2004: AT CANA POOLS RESPECTIVELY.				
Ecological:	2004: N POOL DESCRIBED AS VERY LA ERYNGIUM, RUMEX; DRAINS INTO ADJ THRU FENCE LINE TO NEXT LARGE PO	J POOL. S PO			
General:	A "FEW" OBSERVED ON 24 MAR 1993; AND 3 MALES & 6 FEMALES IDENTIFIEI				



California Department of Fish and Wildlife



Occurrence No.	14	Map Index: 24503	EO Index:	6612		Element Last Seen:	1993-03-12
Occ. Rank:	Good		Presence:	Presumed Extant		Site Last Seen:	1993-03-12
Осс. Туре:	Natural/Nati	ive occurrence	Trend:	Unknown		Record Last Updated:	1993-09-21
Quad Summary:	Little Table	Mtn. (3711917)					
County Summary:	Madera						
Lat/Long:	37.01474 / -	-119.84804		Acc	uracy:	80 meters	
UTM:	Zone-11 N4	100300 E246612		Elev	vation (ft):	420	
PLSS:	T10S, R19E	E, Sec. 36, SE (M)		Acre	es:	0.0	
Location:	ALONG TH	E WEST SIDE OF MADERA	CANAL, 0.3 MI	LE NORTH OF HIGH	HWAY 145, 1	2 MILES NORTH OF PINED	ALE.
Detailed Location:							
Ecological:							
General:	SEVERAL (OBSERVED IN 1993.					
Owner/Manager:	USBOR						
Occurrence No.	21	Map Index: 24599	EO Index:	6393		Element Last Seen:	2005-02-03
Occ. Rank:	Good		Presence:	Presumed Extant		Site Last Seen:	2005-02-03
Осс. Туре:	Natural/Nati	ive occurrence	Trend:	Unknown		Record Last Updated:	2008-09-04
Quad Summary:	Friant (3611	1986), Lanes Bridge (361198	37)				
County Summary:	Madera						
Lat/Long:	36.97667 / -	-119.75240		Acc	uracy:	specific area	
UTM:	Zone-11 N4	095826 E255000		Elev	vation (ft):	435	
PLSS:	T11S, R20E	E, Sec. 14, NE (M)		Acre	es:	18.0	
Location:	IN THE ARE		MADERA CANA	AL & ROAD 204, 3 M	ILES SW OF	FRIANT, ON THE EAST SID	E OF LITTLE
Detailed Location:		E OF THE JUNCTION IN 19 04.20, RESPECTIVELY.	93. POOL IDS N	MAC-R-004.06.1 ANI	D MAC-L-004	.20.1 IN 2005 AT CANAL MI	EPOSTS
Ecological:	FLOATING.		SIGNIFICANT IN			CKISH COLOR W/ FILM & AI YEAR. NOW UP AGAINST	
General:	CA LINDER					E SHRIMP AT MAC-R-004.00 T MAC-L-004.20.1 BY K. GA	
	TOMLINSO	N 0 0. D/ 0000.					



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Occurrence No.	32	Map Index: 33052	EO Index:	3658	Element Last Seen:	1994-03-29
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1994-03-29
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown	Record Last Updated:	1995-03-16
Quad Summary:	Round Moun	tain (3611975)				
County Summary:	Fresno					
Lat/Long:	36.83817 / -1	19.56935		Accuracy:	1/5 mile	
UTM:	Zone-11 N40	80001 E270883		Elevation (ft):	420	
PLSS:	T12S, R22E,	Sec. 33, SE (M)		Acres:	0.0	
Location:	NORTH SIDE	E OF HERNDON AVENUE	, 0.75 MILE WE	ST OF ACADEMY AVENUE, 6 M	ILES EAST OF CLOVIS.	
Detailed Location:						
Ecological:						
General:	COLLECTIO	N #MW-94-07, DEPOSITE	D AT DFG-IFD.			
Owner/Manager:	UNKNOWN					
	22	Man Index 20050		2050	Flowent Let 0	4004.00.00
Occurrence No.	33 University	Map Index: 33053	EO Index:	3659 Presumed Extant	Element Last Seen: Site Last Seen:	1994-03-29
Occ. Rank:	Unknown		Presence:			1994-03-29
Осс. Туре:	Natural/Nativ		Trend:	Unknown	Record Last Updated:	1995-03-16
Quad Summary:		tain (3611975)				
County Summary:	Fresno					
1 4 11	00 00040 / 4			Accuracy:	4 / F	
Lat/Long:	36.83810 / -1	19.58051		Accuracy.	1/5 mile	
UTM:	Zone-11 N40	80020 E269888		Elevation (ft):	410	
-	Zone-11 N40			•		
UTM:	Zone-11 N40 T12S, R22E,	80020 E269888 Sec. 33, SW (M)	, 1.4 MILES WE	Elevation (ft):	410 0.0	
UTM: PLSS:	Zone-11 N40 T12S, R22E,	80020 E269888 Sec. 33, SW (M)	, 1.4 MILES WE	Elevation (ft): Acres:	410 0.0	
UTM: PLSS: Location: Detailed Location: Ecological:	Zone-11 N40 T12S, R22E, NORTH SIDE	80020 E269888 Sec. 33, SW (M) E OF HERNDON AVENUE		Elevation (ft): Acres:	410 0.0	
UTM: PLSS: Location: Detailed Location: Ecological: General:	Zone-11 N40 T12S, R22E, NORTH SIDE	80020 E269888 Sec. 33, SW (M)		Elevation (ft): Acres:	410 0.0	
UTM: PLSS: Location: Detailed Location: Ecological:	Zone-11 N40 T12S, R22E, NORTH SIDE	80020 E269888 Sec. 33, SW (M) E OF HERNDON AVENUE		Elevation (ft): Acres:	410 0.0	
UTM: PLSS: Location: Detailed Location: Ecological: General:	Zone-11 N40 T12S, R22E, NORTH SIDE	80020 E269888 Sec. 33, SW (M) E OF HERNDON AVENUE		Elevation (ft): Acres:	410 0.0	1994-03-29
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager:	Zone-11 N40 T12S, R22E, NORTH SIDE COLLECTION	80020 E269888 Sec. 33, SW (M) E OF HERNDON AVENUE N #MW-94-06, DEPOSITE	D AT DFG-IFD.	Elevation (ft): Acres: ST OF ACADEMY AVENUE, 5.5	410 0.0 MILES EAST OF CLOVIS.	1994-03-29 1994-03-29
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No.	Zone-11 N40 T12S, R22E, NORTH SIDE COLLECTION UNKNOWN 34	80020 E269888 Sec. 33, SW (M) E OF HERNDON AVENUE N #MW-94-06, DEPOSITE Map Index: 33054	D AT DFG-IFD. EO Index:	Elevation (ft): Acres: ST OF ACADEMY AVENUE, 5.5	410 0.0 MILES EAST OF CLOVIS. Element Last Seen:	
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	Zone-11 N40 T12S, R22E, NORTH SIDE COLLECTIO UNKNOWN 34 Unknown Natural/Nativ	80020 E269888 Sec. 33, SW (M) E OF HERNDON AVENUE N #MW-94-06, DEPOSITE Map Index: 33054	D AT DFG-IFD. EO Index: Presence: Trend:	Elevation (ft): Acres: ST OF ACADEMY AVENUE, 5.5 3693 Presumed Extant	410 0.0 MILES EAST OF CLOVIS. Element Last Seen: Site Last Seen:	1994-03-29
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	Zone-11 N40 T12S, R22E, NORTH SIDE COLLECTIO UNKNOWN 34 Unknown Natural/Nativ	80020 E269888 Sec. 33, SW (M) E OF HERNDON AVENUE N #MW-94-06, DEPOSITE Map Index: 33054 e occurrence	D AT DFG-IFD. EO Index: Presence: Trend:	Elevation (ft): Acres: ST OF ACADEMY AVENUE, 5.5 3693 Presumed Extant	410 0.0 MILES EAST OF CLOVIS. Element Last Seen: Site Last Seen:	1994-03-29
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	Zone-11 N40 T12S, R22E, NORTH SIDE COLLECTION UNKNOWN 34 Unknown Natural/Nativ	80020 E269888 Sec. 33, SW (M) E OF HERNDON AVENUE N #MW-94-06, DEPOSITE Map Index: 33054 e occurrence tain (3611975), Clovis (367	D AT DFG-IFD. EO Index: Presence: Trend:	Elevation (ft): Acres: ST OF ACADEMY AVENUE, 5.5 3693 Presumed Extant	410 0.0 MILES EAST OF CLOVIS. Element Last Seen: Site Last Seen:	1994-03-29
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	Zone-11 N40 T12S, R22E, NORTH SIDE COLLECTIO UNKNOWN 34 Unknown Natural/Nativ Round Mount Fresno 36.83561 / -1	80020 E269888 Sec. 33, SW (M) E OF HERNDON AVENUE N #MW-94-06, DEPOSITE Map Index: 33054 e occurrence tain (3611975), Clovis (367	D AT DFG-IFD. EO Index: Presence: Trend:	Elevation (ft): Acres: ST OF ACADEMY AVENUE, 5.5 3693 Presumed Extant Unknown	410 0.0 MILES EAST OF CLOVIS. Element Last Seen: Site Last Seen: Record Last Updated:	1994-03-29
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Zone-11 N40 T12S, R22E, NORTH SIDE COLLECTION UNKNOWN 34 Unknown Natural/Nativ Round Mourn Fresno 36.83561 / -1 Zone-11 N40	80020 E269888 Sec. 33, SW (M) E OF HERNDON AVENUE N #MW-94-06, DEPOSITE Map Index: 33054 e occurrence tain (3611975), Clovis (364 19.62808	D AT DFG-IFD. EO Index: Presence: Trend:	Elevation (ft): Acres: ST OF ACADEMY AVENUE, 5.5 3693 Presumed Extant Unknown Accuracy:	410 0.0 MILES EAST OF CLOVIS. Element Last Seen: Site Last Seen: Record Last Updated: 1/5 mile	1994-03-29
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Zone-11 N40 T12S, R22E, NORTH SIDE COLLECTIO UNKNOWN 34 Unknown Natural/Nativ Round Mount Fresno 36.83561 / -1 Zone-11 N40 T13S, R21E,	80020 E269888 Sec. 33, SW (M) E OF HERNDON AVENUE N #MW-94-06, DEPOSITE Map Index: 33054 e occurrence tain (3611975), Clovis (367 19.62808 79860 E265637 Sec. 01, NE (M)	D AT DFG-IFD. EO Index: Presence: Trend: 11976)	Elevation (ft): Acres: ST OF ACADEMY AVENUE, 5.5 3693 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	410 0.0 MILES EAST OF CLOVIS. Element Last Seen: Site Last Seen: Record Last Updated: 1/5 mile 400 0.0	1994-03-29 2016-08-23
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Zone-11 N40 T12S, R22E, NORTH SIDE COLLECTION UNKNOWN 34 Unknown Natural/Nativ Round Mourn Fresno 36.83561 / -1 Zone-11 N40 T13S, R21E, JUST SOUTH	80020 E269888 Sec. 33, SW (M) E OF HERNDON AVENUE N #MW-94-06, DEPOSITE Map Index: 33054 e occurrence tain (3611975), Clovis (367 19.62808 79860 E265637 Sec. 01, NE (M) H OF THE INTERSECTIOI COLLECTED AT THE SW	EO Index: Presence: Trend: 11976)	Elevation (ft): Acres: ST OF ACADEMY AVENUE, 5.5 3693 Presumed Extant Unknown Accuracy: Elevation (ft):	410 0.0 MILES EAST OF CLOVIS. Element Last Seen: Site Last Seen: Record Last Updated: 1/5 mile 400 0.0 ENUE, 3 MILES ENE OF CLO	1994-03-29 2016-08-23 VIS.
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Zone-11 N40 T12S, R22E, NORTH SIDE COLLECTION UNKNOWN 34 Unknown Natural/Nativ Round Mourn Fresno 36.83561 / -1 Zone-11 N40 T13S, R21E, JUST SOUTH #MW-94-04 (THE SE COP TURBID SEA	80020 E269888 Sec. 33, SW (M) E OF HERNDON AVENUE N #MW-94-06, DEPOSITE Map Index: 33054 e occurrence tain (3611975), Clovis (367 19.62808 79860 E265637 Sec. 01, NE (M) H OF THE INTERSECTIOI COLLECTED AT THE SW RNER.	D AT DFG-IFD. EO Index: Presence: Trend: 11976) N ON HERNDON CORNER OF HE	Elevation (ft): Acres: ST OF ACADEMY AVENUE, 5.5 ST OF ACADEMY AVENUE, 5.5 3693 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: N AVENUE AND HIGHLAND AVE	410 0.0 MILES EAST OF CLOVIS. Element Last Seen: Site Last Seen: Record Last Updated: 1/5 mile 400 0.0 ENUE, 3 MILES ENE OF CLO AND AVENUE; #MW-94-05 CH G, WESTERN TOAD, AND BU	1994-03-29 2016-08-23 VIS. DLLECTED AT
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Zone-11 N40 T12S, R22E, NORTH SIDE COLLECTION UNKNOWN 34 Unknown Natural/Nativ Round Mount Fresno 36.83561 / -1 Zone-11 N40 T13S, R21E, JUST SOUTH #MW-94-04 O THE SE COF TURBID SEA ALSO FOUN	80020 E269888 Sec. 33, SW (M) E OF HERNDON AVENUE N #MW-94-06, DEPOSITE Map Index: 33054 e occurrence tain (3611975), Clovis (367 19.62808 79860 E265637 Sec. 01, NE (M) H OF THE INTERSECTIOI COLLECTED AT THE SW RNER.	EO Index: Presence: Trend: 11976) N ON HERNDON CORNER OF HE D AREA DOMIN SURVEYS FOR (Elevation (ft): Acres: ST OF ACADEMY AVENUE, 5.5 ST OF ACADEMY AVENUE, 5.5 3693 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: N AVENUE AND HIGHLAND AVE ERNDON AVENUE AND HIGHLAND AVE ERNDON AVENUE AND HIGHLAND AVE	410 0.0 MILES EAST OF CLOVIS. Element Last Seen: Site Last Seen: Record Last Updated: 1/5 mile 400 0.0 ENUE, 3 MILES ENE OF CLO AND AVENUE; #MW-94-05 CH G, WESTERN TOAD, AND BU	1994-03-29 2016-08-23 VIS. DLLECTED AT

Commercial Version -- Dated September, 1 2019 -- Biogeographic Data Branch Report Printed on Wednesday, September 11, 2019



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CRSIL							-
Occurrence No.	37	Map Index: 33073	EO Index:	3685		Element Last Seen:	1994-03-30
Occ. Rank:	Unknown		Presence:	Presumed Exta	ant	Site Last Seen:	1994-03-30
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	1995-03-21
Quad Summary:	Little Table N	/ltn. (3711917)					
County Summary:	Madera						
Lat/Long:	37.04793 / -1	119.79256			Accuracy:	1/5 mile	
UTM:	Zone-11 N41	103837 E251658			Elevation (ft):	520	
PLSS:	T10S, R20E,	, Sec. 21, NE (M)			Acres:	0.0	
Location:	EAST SIDE	OF ROAD 209. 0.6 MILE N	ORTH OF ROAI	D 208. ABOUT 3	MILES NW OF	LITTLE TABLE MOUNTAIN.	
Detailed Location:							
Ecological:							
General:	COLLECTIO	N #RS-94-08, DEPOSITED	D AT DFG-IFD.				
Owner/Manager:	UNKNOWN						
_							
Occurrence No.	39	Map Index: 33077	EO Index:	18876		Element Last Seen:	1994-03-28
Occ. Rank:	Unknown		Presence:	Presumed Exta	ant	Site Last Seen:	1994-03-28
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	1995-03-23
Quad Summary:	Lanes Bridge	e (3611987)					
County Summary:	Madera						
Lat/Long:	36.96816 / -1	119.86231			Accuracy:	1/5 mile	
UTM:	Zone-11 N40	095169 E245186		I	Elevation (ft):	350	
PLSS:	T11S, R19E,	, Sec. 14, SE (M)			Acres:	0.0	
Location:	NORTH SID	E OF AVENUE 15, 1.2 MIL	ES EAST OF RO	DAD 36-1/2, 5 MI	LES WEST OF	LITTLE TABLE MOUNTAIN.	
Detailed Location:							
Ecological:							
General:	COLLECTIO	N #RS-94-03, DEPOSITED	O AT DFG-IFD.				
Owner/Manager:	UNKNOWN						
Occurrence No.	40	Map Index: 33078	EO Index:	17127		Element Last Seen:	1994-03-28
Occ. Rank:	Unknown		Presence:	Presumed Exta	ant	Site Last Seen:	1994-03-28
Occ. Type:		ve occurrence	Trend:	Unknown		Record Last Updated:	1995-03-23
Quad Summary:	Gregg (3611						
County Summary:	Madera	,					
Lat/Long:	36.98208 / -1	119.89312			Accuracy:	80 meters	
UTM:)96797 E242490			Elevation (ft):	360	
PLSS:		, Sec. 10, SW (M)			Acres:	0.0	
Location:		OF ROAD 36, 1.1 MILES N					
Detailed Location:		CI NORD 30, I.I WILLON					
Ecological:							
-	COLLECTIO	N #RS-94-02 DEPOSITE) AT DFG-IFD				
General: Owner/Manager:	COLLECTIO	N #RS-94-02, DEPOSITEL	D AT DFG-IFD.				



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Occurrence No.	41	Map Index: 33079	EO Index:	4525		Element Last Seen:	1994-03-25
Occ. Rank:	Unknown		Presence:	Presumed Ex	ktant	Site Last Seen:	1994-03-25
Occ. Type:		e occurrence	Trend:	Unknown		Record Last Updated:	1995-03-23
Quad Summary:	Gregg (3611	988)					
County Summary:	Madera	,					
Lat/Long:	36.93727 / -1	19.98413			Accuracy:	80 meters	
UTM:	Zone-11 N40	92075 E234232			Elevation (ft):	285	
PLSS:	T11S, R18E,	Sec. 34, NE (M)			Acres:	0.0	
Location:	SOUTH SIDE	E OF AVENUE 13, 0.1 MIL	E EAST OF THE	RAILROAD TI	RACKS, ABOUT 5	MILES ENE OF MADERA.	
Detailed Location:							
Ecological:							
General:	COLLECTIO	N #RS-94-01 (ALSO INCLU	JDES BRANCH	NECTA LYNCI	HI), DEPOSITED	AT DFG-IFD.	
Owner/Manager:	UNKNOWN						
Occurrence No.	114	Map Index: 33338	EO Index:	23155		Element Last Seen:	1995-04-04
Occ. Rank:	Excellent		Presence:	Presumed Ex	ktant	Site Last Seen:	1995-04-04
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	1996-06-07
Quad Summary:	Lanes Bridge	e (3611987)					
County Summary:	Madera						
Lat/Long:	36.96913 / -1	19.82762			Accuracy:	80 meters	
UTM:	Zone-11 N40	95185 E248279			Elevation (ft):	370	
PLSS:	T11S, R20E,	Sec. 18, SE (M)			Acres:	0.0	
Location:	0.25 MILE E MOUNTAIN.	AST OF THE ROAD 39-1/2	ALIGNMENT A	ND 0.2 MILE N	ORTH OF AVENU	JE 15, WEST OF LITTLE TAE	BLE
Detailed Location:	1995-LOCAT	ED IN THE FOURTH POO	L IN A SERIES.	1993-G. KIRK	PATRICK SAMPL	ED 4 POOLS IN A SERIES.	
Ecological:		ONSISTS OF A CLAYPAN V CHINECTA LYNCHI ALSO I			E GRASSLAND.	HYLA REGILLA, SCAPHIOPU	JS HAMMONDI
General:		RVED ON 4 APRIL 1995, E NUMBER OBSERVED ON				A TOTAL POPULATION NU	MBER;
Owner/Manager:	PVT						
Occurrence No.	119	Map Index: 34786	EO Index:	18817		Element Last Seen:	1993-02-17
Occ. Rank:	Good		Presence:	Presumed Ex	ktant	Site Last Seen:	1993-02-17
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown		Record Last Updated:	1996-06-07
Quad Summary:	Little Table M	/tn. (3711917)					
County Summary:	Madera						
Lat/Long:	37.00472 / -1	19.83704			Accuracy:	1/5 mile	
UTM:	Zone-11 N40	99159 E247557			Elevation (ft):	418	
PLSS:	T11S, R20E,	Sec. 06, NW (M)			Acres:	0.0	
Location:	SOUTH OF I	MADERA CANAL, APPRO	XIMATELY 0.6 K	M SOUTH OF	HIGHWAY 145 A	T ROAD 208.	
Detailed Location:	MANY POOL	LS AT SITE, BUT ONLY 4 F	POOLS SAMPLE	ED.			
Ecological:	CLAYPAN V	ERNAL POOLS AND SWA	LES IN NON-NA	TIVE GRASSL	AND.		
General:		A OCCIDENTALIS PRESE D); SCAPHIOPUS HAMMO				CTA LYNCHI PRESENT IN SA	AME 3 POOLS
Owner/Manager:	UNKNOWN			IN Z LARGES	1 1 UULO.		
-							

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Occurrence No.	121	Map Index: 14592	EO Index:	29256	Element Last Seen:	1993-02-17
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	1993-02-17
Осс. Туре:	Natural/Nat	ive occurrence	Trend:	Unknown	Record Last Updated:	1998-08-06
Quad Summary:	Lanes Bridg	ge (3611987)				
County Summary:	Madera					
Lat/Long:	36.96855 / -	-119.84268		Accuracy:	nonspecific area	
UTM:	Zone-11 N4	4095160 E246936		Elevation (ft):	375	
PLSS:	T11S, R19E	E, Sec. 13, SW (M)		Acres:	127.6	
Location:	NORTHWE TABLE MT		NUE 39 1/2; NC	PRTH OF LITTLE DRY CREEK,	APPROX. 4.5 AIR MILES WE	ST OF LITTLE
Detailed Location:	SAMPLED	2 POOLS IN A SERIES.				
Ecological:	CLAYPAN	VERNAL POOLS AND SWAL	ES IN NON-NA	TIVE GRASSLAND.		
General:		LA CO-OCCURS WITH BRA PUS HAMMONDII PRESENT		YNCHI IN BOTH POOLS; AMB` ING OF 1993.	STOMA CALIFORNIENSE AN	ND
Owner/Manager:	PVT					
Occurrence No.	266	Map Index: 67497	EO Index:	67662	Element Last Seen:	2016-03-30
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2016-03-30
Осс. Туре:	Natural/Nat	ive occurrence	Trend:	Unknown	Record Last Updated:	2017-01-27
Quad Summary:	Lanes Bridg	ge (3611987)				
County Summary:	Madera					
Lat/Long:	maaora					
	36.94781 / ·	-119.79413		Accuracy:	specific area	
UTM:	36.94781 / ·	-119.79413 4092732 E251192		Accuracy: Elevation (ft):	specific area 406	
UTM: PLSS:	36.94781 / · Zone-11 N4			•		
	36.94781 / - Zone-11 N4 T11S, R20E	4092732 E251192 E, Sec. 28, NW (M)	OM ABOUT 1.4	Elevation (ft):	406 10.0	PINEDALE.
PLSS:	36.94781 / - Zone-11 N4 T11S, R20E JUST WES 1992: POO	4092732 E251192 E, Sec. 28, NW (M) T OF STATE ROUTE 41, FR L #C211 LOCATED 50 FEET	WEST OF STA	Elevation (ft): Acres:	406 10.0 ENUE 12, 7 MILES NORTH OF PPED ACCORDING TO LOC/	ATION SHOWN
PLSS: Location:	36.94781 / - Zone-11 N4 T11S, R20E JUST WES 1992: POO ON A MAP. 1992: NOR	4092732 E251192 E, Sec. 28, NW (M) T OF STATE ROUTE 41, FR L #C211 LOCATED 50 FEET . 2016: POOL ABOUT 0.25 M THERN HARDPAN VERNAL	WEST OF STA IILES SOUTH C POOL DOMINA	Elevation (ft): Acres: TO 1.7 MILES NORTH OF AVE TE ROUTE 41; LOCATION MA	406 10.0 ENUE 12, 7 MILES NORTH OF PPED ACCORDING TO LOCA TO PROVIDED COORDINAT SPEA HAMMONDII AND ORC	ATION SHOWN ES.
PLSS: Location: Detailed Location:	36.94781 / - Zone-11 N4 T11S, R20E JUST WES 1992: POOI ON A MAP. 1992: NOR INAEQUAL	4092732 E251192 E, Sec. 28, NW (M) T OF STATE ROUTE 41, FR L #C211 LOCATED 50 FEET . 2016: POOL ABOUT 0.25 M THERN HARDPAN VERNAL IS ALSO IN AREA. 2016: VE	WEST OF STA IILES SOUTH C POOL DOMINA RNAL POOL SI	Elevation (ft): Acres: TO 1.7 MILES NORTH OF AVE TE ROUTE 41; LOCATION MA F 1992 DETECTION, MAPPED ATED BY ERYNGIUM VASEYI;	406 10.0 ENUE 12, 7 MILES NORTH OF PPED ACCORDING TO LOC/ TO PROVIDED COORDINAT SPEA HAMMONDII AND ORC ND.	ATION SHOWN ES. CUTTIA



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Occurrence No.	267	Map Index: 67528	EO Index:	67688	Element Last Seen:	1992-03-11
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	1992-03-11
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2007-01-03
Quad Summary:	Little Table N	Vltn. (3711917)				
County Summary:	Madera					
Lat/Long:	37.01626 / -1	119.79274		Accuracy:	nonspecific area	
UTM:	Zone-11 N41	100323 E251537		Elevation (ft):	450	
PLSS:	T10S, R20E,	, Sec. 33 (M)		Acres:	168.0	
Location:	ALONG STA MOUNTAIN.		OUTH UP TO 0.7	75 MILE NORTH OF STATE RO	UTE 145, WEST OF LITTLE ⁻	TABLE
Detailed Location:				ITE 145) AND POOL #193 (NOR 3 IS LOCATED UP TO 0.75 MILI		
Ecological:		ONSISTS OF NORTHERN H FHRYS STIPITATUS, AND L		NAL POOLS DOMINATED BY H SOPIFOLIA.	ORDEUM GENICULATUM,	
General:	ADULTS OB	SERVED IN 4 VERNAL PO	OLS ON 11 MA	RCH 1992.		
Owner/Manager:	PVT					
Occurrence No.	345	Map Index: 72149	EO Index:	73187	Element Last Seen:	2008-03-12
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2008-03-12
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2008-09-17
Quad Summary:	Round Moun	ntain (3611975)				
County Summary:	Fresno					
Lat/Long:						
	36.85612 / -1	119.57528		Accuracy:	specific area	
UTM:		119.57528 082008 E270408		Accuracy: Elevation (ft):	specific area 465	
UTM: PLSS:	Zone-11 N40			•		
-	Zone-11 N40 T12S, R22E,	082008 E270408 , Sec. 28, S (M)	68, 0.6 MILE SE	Elevation (ft):	465 8.0	OVIS.
PLSS:	Zone-11 N40 T12S, R22E, FRIANT-KEF TWO POOLS	082008 E270408 , Sec. 28, S (M) RN CANAL MILEPOST 015.	DES OF CANAL	Elevation (ft): Acres:	465 8.0 V OF BENCH MARK 461, CL	
PLSS: Location:	Zone-11 N40 T12S, R22E, FRIANT-KEF TWO POOLS PROVIDED O HABITAT DE AMSINCKIA,	082008 E270408 , Sec. 28, S (M) RN CANAL MILEPOST 015. S, 1 EACH ON SW & NE SII COORDINATES IN SHAPEI ESCRIBED AS: A TURBID C	DES OF CANAL FILE. CIRCULAR VER LLFROGS (SW	Elevation (ft): Acres:	465 8.0 V OF BENCH MARK 461, CL(W) & FKC-L-015.68.1 (NE); M ND (10 M X 3 M), W/ GRASS	IAPPED TO ES, SILYBUM,
PLSS: Location: Detailed Location:	Zone-11 N40 T12S, R22E, FRIANT-KEF TWO POOLS PROVIDED 0 HABITAT DE AMSINCKIA, EMERG JUN 2 MALES & 4	082008 E270408 , Sec. 28, S (M) RN CANAL MILEPOST 015. S, 1 EACH ON SW & NE SIE COORDINATES IN SHAPE ESCRIBED AS: A TURBID C , HORDEUM, VICIA; W/ BUI NCUS, GRASSES (NE POO	DES OF CANAL FILE. CIRCULAR VER LLFROGS (SW L). N 11 MAR 2004	Elevation (ft): Acres: E OF DOG CREEK, & 1 MILE NV ., POOL IDS FKC-R-015.68.2 (S' NAL POOL, W/ A "TIP" AT SE E	465 8.0 V OF BENCH MARK 461, CL(W) & FKC-L-015.68.1 (NE); M ND (10 M X 3 M), W/ GRASS DOL UNDER 2 COTTONWOO	IAPPED TO ES, SILYBUM, DDS W/



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Occurrence No.	346	Map Index: 72150	EO Index:	73193		Element Last Seen:	2004-03-15
Occ. Rank:	Unknown		Presence:	Presumed Ext	tant	Site Last Seen:	2004-03-15
Осс. Туре:	Natural/Nati	ive occurrence	Trend:	Unknown		Record Last Updated:	2008-09-12
Quad Summary:	Round Mou	ntain (3611975)					
County Summary:	Fresno						
Lat/Long:	36.85127 / -	-119.56001			Accuracy:	specific area	
UTM:	Zone-11 N4	081433 E271755			Elevation (ft):	461	
PLSS:	T12S, R22E	E, Sec. 34 (M)			Acres:	22.0	
Location:	0.5 MILE W ACADEMY.		ACADEMY AVE	E (BM 461) ALO	NG THE FRIANT	KERN CANAL, 2.7 MILES S	SW OF
Detailed Location:		016.29.1, FKC-L-016.48.1, F				D), 016.82 (MID-E), & 016.85 5.1, RESPECTIVELY. MAPP	
Ecological:	(MID-W) O\					(W) LRG, CIRCULAR, TURE (X-ING), (MID-E) CLEAR, LII	,
General:		0L: 4 MALES & 1 FEMALE O & 1 F OBS ON 15 MAR 2004				F OBS ON 11 MAR 2004 BY Y DN.	D. NEWMAN.
Owner/Manager:	USBOR, PV	/Τ					
Occurrence No.	358	Map Index: 72108	EO Index:	73225		Element Last Seen:	2004-03-18
Occ. Rank:	Unknown		Presence:	Presumed Ext	tant	Site Last Seen:	2004-03-18
Occ. Type:	Natural/Nati	ive occurrence	Trend:	Unknown		Record Last Updated:	2008-09-15
Quad Summary:	Little Table	Mtn. (3711917)					
County Summary:	Madera						
Lat/Long:	37.01407 / -	-119.84558			Accuracy:	80 meters	
UTM:	Zone-11 N4	100220 E246829			Elevation (ft):	429	
PLSS:	T10S, R19E	E, Sec. 36, SE (M)			Acres:	0.0	
Location:	MADERA C	ANAL MILEPOST 12.41, 2.8	MILES E (ENE) of four co	RNERS BENCH I	MARK 457, COARSEGOLD.	
Detailed Location:	MAPPED T	O PROVIDED COORDINATE	ES IN GIS SHA	PEFILE. POOL	ID MAC-R-012.41	.1.	
Ecological:		/ERNAL POOL, TURBID WA 1, GRASSES, SONCHUS, CA				ED, NON-NATIVES INCLUDI /l."	ED LUPINE,
General:	SPECIES P	RESENT ON 18 MAR 2004	IN ESRP DATA	BASE NOTED E	BY D. NEWMAN.		



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Occurrence No.	359	Map Index: 45645	EO Index:	73226	Element Last Seen:	2005-02-03
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2005-02-03
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown	Record Last Updated:	2008-09-15
Quad Summary:	Little Table M	1tn. (3711917)				
County Summary:	Madera					
Lat/Long:	37.00994 / -1	19.83995		Accuracy:	specific area	
UTM:	Zone-11 N40	99747 E247315		Elevation (ft):	424	
PLSS:	T11S, R19E,	Sec. 01 (M)		Acres:	18.0	
Location:	MADERA CA	NAL AT CROSSING OF HI	GHWAY 145 &	JUST WEST OF RD 208, WEST	OF LITTLE TABLE MOUNT	AIN.
Detailed Location:	4 POOL SER POOL S OF I IN GIS SHAP	HWY, ID MAC-R-011.96.1. 2	, 2 N & 2 S OF 2/3/05: S POOL	HWY. 2004: N POOL N OF HWY. . S OF HWY, ID MAC-R-011.82.4	(, POOL ID MAC-R-012.12.1. I. MAPPED TO PROVIDED C	2/2/05: N COORDINATES
Ecological:	PLAGIOBOT		5: 35X1.5M DIT	「JUNCUS SP, GRASSES, NON CH, CLEAR, W/ ERYNGIUM. 2/3 UCA.		E POOL W/
General: Owner/Manager:		MLINSON. PRESENT IN S F		EWMAN. 1 MALE (& 3 UNKNOV NY ON 3 FEB 2005 BY K. GARC		B 2005 BY K.
Occurrence No	360	Man Index: 72188	EO Index:	73228	Floment I ast Seen:	2005-03-23
Occurrence No.	360 Lipkpown	Map Index: 72188	EO Index:	73228 Prosumod Extant	Element Last Seen:	2005-03-23
Occ. Rank:	Unknown	·	Presence:	Presumed Extant	Site Last Seen:	2005-03-23
Occ. Rank: Occ. Type:	Unknown Natural/Nativ	e occurrence				
Occ. Rank: Occ. Type: Quad Summary:	Unknown Natural/Native Little Table M	·	Presence:	Presumed Extant	Site Last Seen:	2005-03-23
Occ. Rank: Occ. Type:	Unknown Natural/Nativ	e occurrence	Presence:	Presumed Extant	Site Last Seen:	2005-03-23
Occ. Rank: Occ. Type: Quad Summary:	Unknown Natural/Native Little Table M	e occurrence Itn. (3711917)	Presence:	Presumed Extant	Site Last Seen:	2005-03-23
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Unknown Natural/Nativ Little Table M Madera 37.00866 / -1	e occurrence Itn. (3711917)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2005-03-23
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Unknown Natural/Nativ Little Table M Madera 37.00866 / -1 Zone-11 N40	e occurrence Itn. (3711917) 19.82581	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: 80 meters	2005-03-23
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Unknown Natural/Nativ Little Table M Madera 37.00866 / -1 Zone-11 N40 T11S, R20E,	e occurrence Itn. (3711917) 19.82581 99567 E248570 Sec. 06, NE (M) NAL AT MILEPOST 011.15.	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 80 meters 423 0.0	2005-03-23 2008-09-15
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Nativ Little Table M Madera 37.00866 / -1 Zone-11 N40 T11S, R20E, MADERA CA FOUR CORN	e occurrence Itn. (3711917) 19.82581 99567 E248570 Sec. 06, NE (M) NAL AT MILEPOST 011.15 JERS.	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 80 meters 423 0.0	2005-03-23 2008-09-15
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Nativ Little Table M Madera 37.00866 / -1 Zone-11 N40 T11S, R20E, MADERA CA FOUR CORN MAPPED TO	e occurrence Itn. (3711917) 19.82581 99567 E248570 Sec. 06, NE (M) NAL AT MILEPOST 011.15 JERS.	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: ILES ESE OF THE X-ING OF HV	Site Last Seen: Record Last Updated: 80 meters 423 0.0	2005-03-23 2008-09-15
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Unknown Natural/Nativ Little Table M Madera 37.00866 / -1 Zone-11 N40 T11S, R20E, MADERA CA FOUR CORN MAPPED TO "VERY DEEF	e occurrence Itn. (3711917) 19.82581 99567 E248570 Sec. 06, NE (M) NAL AT MILEPOST 011.15 IERS. PROVIDED COORDINATE P AND COLD POOL."	Presence: Trend: , 0.9 CANAL M	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: ILES ESE OF THE X-ING OF HV	Site Last Seen: Record Last Updated: 80 meters 423 0.0 VY 145 & THE CANAL, 1.8 M	2005-03-23 2008-09-15



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Occurrence No.	361 Map Index: 72190	EO Index:	73229	Element Last Seen:	2004-03-18
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:	2004-03-18
Осс. Туре:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:	2008-09-15
Quad Summary:	Lanes Bridge (3611987)				
County Summary:	Madera				
Lat/Long:	36.99505 / -119.79864		Accuracy:	80 meters	
UTM:	Zone-11 N4097986 E250943		Elevation (ft):	423	
PLSS:	T11S, R20E, Sec. 09, NW (M)		Acres:	0.0	
Location:	EAST SIDE OF MADERA CANAL AT M HWY 41.	IILEPOST 009.1	7, 0.14 CANAL MILES NE OF LI	TTLE DRY CREEK, & 0.25 M	ILE WEST OF
Detailed Location:	MAPPED TO PROVIDED COORDINAT	ES IN SHAPEF	ILE. POOL ID MAC-R-009.17.1.		
Ecological:	HABITAT DESCRIBED AS A "SMALL L SILYBUM, MIMULUS, GRASSES, AND		DIDE DITCH, CLEAR WATER, EN	MERGENT RUMEX, JUCUS S	SP., ALSO
General:	6 MALES & 1 FEMALE OBSERVED ON	N 18 MAR 2004	BY D. NEWMAN.		
Owner/Manager:	USBOR				
Occurrence No.	362 Map Index: 72276	EO Index:	73230	Element Last Seen:	2004-03-18
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:	2004-03-18
Occ. Rank: Occ. Type:	Unknown Natural/Native occurrence	Presence: Trend:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2004-03-18 2008-09-15
Осс. Туре:	Natural/Native occurrence				
Occ. Type: Quad Summary:	Natural/Native occurrence Lanes Bridge (3611987)				
Occ. Type: Quad Summary: County Summary:	Natural/Native occurrence Lanes Bridge (3611987) Madera		Unknown	Record Last Updated:	
Occ. Type: Quad Summary: County Summary: Lat/Long:	Natural/Native occurrence Lanes Bridge (3611987) Madera 36.97229 / -119.78936		Unknown Accuracy:	Record Last Updated: 80 meters	
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Natural/Native occurrenceLanes Bridge (3611987)Madera36.97229 / -119.78936Zone-11 N4095436 E251695	Trend:	Unknown Accuracy: Elevation (ft): Acres:	Record Last Updated: 80 meters 432 0.0	2008-09-15
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Natural/Native occurrence Lanes Bridge (3611987) Madera 36.97229 / -119.78936 Zone-11 N4095436 E251695 T11S, R20E, Sec. 16, SE (M) EAST SIDE OF MADERA CANAL AT M	Trend:	Unknown Accuracy: Elevation (ft): Acres: 3, 0.45 MILE NORTHEAST OF H	Record Last Updated: 80 meters 432 0.0	2008-09-15
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Natural/Native occurrence Lanes Bridge (3611987) Madera 36.97229 / -119.78936 Zone-11 N4095436 E251695 T11S, R20E, Sec. 16, SE (M) EAST SIDE OF MADERA CANAL AT M TABLE MT.	Trend: IILEPOST 007.3 ES IN SHAPEFI TURBID VERNAI MSINCKIA, SON	Unknown Accuracy: Elevation (ft): Acres: 3, 0.45 MILE NORTHEAST OF H ILE. POOL ID MAC-R-007.33.1. L POOL ALONG FENCELINE, W	Record Last Updated: 80 meters 432 0.0 WY 41 AT AVE 15, WEST SI V CATTLE DISTURBANCE. N	2008-09-15 DE OF LITTLE
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Natural/Native occurrence Lanes Bridge (3611987) Madera 36.97229 / -119.78936 Zone-11 N4095436 E251695 T11S, R20E, Sec. 16, SE (M) EAST SIDE OF MADERA CANAL AT M TABLE MT. MAPPED TO PROVIDED COORDINAT HABITAT DESCRIBED AS A LARGE, T EMERGENT GRASSES INCL VICIA, A	Trend: IILEPOST 007.3 ES IN SHAPEFI URBID VERNAI MSINCKIA, SON GRASSES.	Unknown Accuracy: Elevation (ft): Acres: 3, 0.45 MILE NORTHEAST OF H ILE. POOL ID MAC-R-007.33.1. L POOL ALONG FENCELINE, W ICHUS, LACTUCA, RUMEX, LUI	Record Last Updated: 80 meters 432 0.0 WY 41 AT AVE 15, WEST SI V CATTLE DISTURBANCE. N	2008-09-15 DE OF LITTLE
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological:	Natural/Native occurrence Lanes Bridge (3611987) Madera 36.97229 / -119.78936 Zone-11 N4095436 E251695 T11S, R20E, Sec. 16, SE (M) EAST SIDE OF MADERA CANAL AT M TABLE MT. MAPPED TO PROVIDED COORDINAT HABITAT DESCRIBED AS A LARGE, T EMERGENT GRASSES INCL VICIA, A MIMULUS, LASTENIA & 2 UNKNOWN	Trend: IILEPOST 007.3 ES IN SHAPEFI URBID VERNAI MSINCKIA, SON GRASSES.	Unknown Accuracy: Elevation (ft): Acres: 3, 0.45 MILE NORTHEAST OF H ILE. POOL ID MAC-R-007.33.1. L POOL ALONG FENCELINE, W ICHUS, LACTUCA, RUMEX, LUI	Record Last Updated: 80 meters 432 0.0 WY 41 AT AVE 15, WEST SI V CATTLE DISTURBANCE. N	2008-09-15 DE OF LITTLE



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Occurrence No.	363	Map Index: 72216	EO Index:	73233		Element Last Seen:	2004-03-10
Occ. Rank:	Unknown		Presence:	Presumed Ext	tant	Site Last Seen:	2004-03-10
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown		Record Last Updated:	2008-09-15
Quad Summary:	Friant (3611	986)					
County Summary:	Fresno						
Lat/Long:	36.94810 / -	119.69563			Accuracy:	specific area	
UTM:	Zone-11 N4	092511 E259965			Elevation (ft):	477	
PLSS:	T11S, R21E	, Sec. 29, NE (M)			Acres:	23.0	
Location:	FRIANT-KE FRIANT PO	RN CANAL, 1 AIR MI NW TO	0 1 AIR MI WN	W OF THE CRO	SSING OF THE	CANAL AT AUBERRY RD, 2.	7 MI SSW OF
Detailed Location:		5 POOLS ALONG CANAL'S (C-L-003.95.1. MAPPED TO					POST 003.95;
Ecological:		ESCRIBED AS A SOMEWHA DN = ERYNGIUM SP AND TH			BOUT 35 FT FRC	M FENCE AND <1 FT FROM	/I ROAD;
General:	1 MALE OB	SERVED ON 10 MAR 2004 B	BY G. BASSO.				
Owner/Manager:	USBOR, PV	Ϋ́Τ					
Occurrence No.	364	Map Index: 72278	EO Index:	73234		Element Last Seen:	2004-03-10
Occ. Rank:	Unknown		Presence:	Presumed Ext	tant	Site Last Seen:	2004-03-10
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown		Record Last Updated:	2008-09-15
Quad Summary:	Friant (3611	986)					
County Summary:	Fresno						
Lat/Long:	36.89846 / -	119.64969			Accuracy:	80 meters	
UTM:	Zone-11 N4	086888 E263903			Elevation (ft):	642	
PLSS:	T12S, R21E	, Sec. 11, NW (M)			Acres:	0.0	
Location:	s side fri. Thompsoi	ANT-KERN CANAL @ MILEF N AVE).	POST 009.40, 2	235 METERS W	OF CANAL BRID	OGE, 2.7 MI NW OF COLLINS	S (HWY 168 @
Detailed Location:	MAPPED TO	O PROVIDED COORDINATE	S IN ESRP SH	APEFILE. POO	LID FKC-R-009.4	40.1.	
Ecological:	HABITAT D	ESCRIBED AS A MUDDY "W	ALLOW" ALO	NG FENCELINE	, W/ MANY HOO	F PRINTS, & VERY TURBID	WATER.
General:	CALIFORNI	A FAIRY SHRIMP NOTED A	S PRESENT C	N 10 MAR 2004	BY D. NEWMAN	l.	
Owner/Manager:	USBOR						



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Occurrence No.	365	Map Index: 72280	EO Index:	73235	Element Last Seen:	2005-02-23
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2005-02-23
Occ. Type:	Natural/Nati	ve occurrence	Trend:	Unknown	Record Last Updated:	2008-09-15
Quad Summary:	Friant (3611	086)			•	
County Summary:	Fresno	900)				
Lat/Long:	36.89482 / -			Accuracy:	specific area	
UTM:		086453 E264987		Elevation (ft):	465	
PLSS:	T12S, R21E	, Sec. 13, NW (M)		Acres:	9.0	
Location:	FRIANT-KEI BEHYMER /		010.17, 010.24	(E OF BRIDGE), 2.4MI S OF OW	/ENS MT, 1.1MI NE OF N DE	WOLF AVE @
Detailed Location:				IDE OF CANAL (POOL IDS FKC ROVIDED COORDINATES IN ES		OL ON NORTH
Ecological:				SES IN SURROUNDING AREA. VERNAL POOL WITH LOTS OF		0 & VERY
General:		A FAIRY SHRIMP NOTED A N EAST POOL ON 23 FEB 2		NWEST POOL ON 10 MAR 2004 IG.	BY D. NEWMAN, AND NOT	ED AS
Owner/Manager:	USBOR					
Occurrence No.	372	Map Index: 72290	EO Index:	73250	Element Last Seen:	2004-03-12
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2004-03-12
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2008-09-15
Quad Summary:						
	Round Mour	ntain (3611975)				
County Summary:	Round Mour Fresno	ntain (3611975)				
County Summary: Lat/Long:		. ,		Accuracy:	80 meters	
	Fresno 36.86582 / -	. ,		Accuracy: Elevation (ft):	80 meters 466	
Lat/Long:	Fresno 36.86582 / - Zone-11 N40	119.59035		-		
Lat/Long: UTM:	Fresno 36.86582 / - Zone-11 N40 T12S, R22E	119.59035 083121 E269093 E, Sec. 29, NE (M) OF FRIANT-KERN CANAL A	AT MILEPOST (Elevation (ft):	466 0.0	ILES SW OF
Lat/Long: UTM: PLSS:	Fresno 36.86582 / - Zone-11 N40 T12S, R22E EAST SIDE ACADEMY (119.59035 083121 E269093 5, Sec. 29, NE (M) OF FRIANT-KERN CANAL A (BM531).		Elevation (ft): Acres:	466 0.0 TH OF TOLLHOUSE RD, 3 M	ILES SW OF
Lat/Long: UTM: PLSS: Location:	Fresno 36.86582 / - Zone-11 N40 T12S, R22E EAST SIDE ACADEMY (MAPPED TO POOL DESO	119.59035 083121 E269093 5, Sec. 29, NE (M) OF FRIANT-KERN CANAL & (BM531). O PROVIDED COORDINATE CRIBED AS A CLEAR, LINE/	ES IN ESRP SH AR, DITCH-LIKI	Elevation (ft): Acres: 014.61, 0.1 CANAL MILES SOUT	466 0.0 TH OF TOLLHOUSE RD, 3 M 61.1. AY-LIKE GRAVEL BOTTOM.	NON-NATIVE
Lat/Long: UTM: PLSS: Location: Detailed Location:	Fresno 36.86582 / - Zone-11 N40 T12S, R22E EAST SIDE ACADEMY (MAPPED TO POOL DESO GRASSES, FLOWER.	119.59035 083121 E269093 5, Sec. 29, NE (M) OF FRIANT-KERN CANAL & (BM531). O PROVIDED COORDINATE CRIBED AS A CLEAR, LINE/	ES IN ESRP SH AR, DITCH-LIK X AND JUNCU	Elevation (ft): Acres: 014.61, 0.1 CANAL MILES SOUT APEFILE. POOL ID FKC-L-014.0 E POOL ALONG FENCE, W/ CL IS SP. TWO ALMOND SAPLING	466 0.0 TH OF TOLLHOUSE RD, 3 M 61.1. AY-LIKE GRAVEL BOTTOM.	NON-NATIVE



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Occurrence No.	373	Map Index: 72291	EO Index:	73251		Element Last Seen:	2005-02-24
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	2005-02-24
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2008-09-15
Quad Summary:	Round Mour	ntain (3611975)					
County Summary:	Fresno						
Lat/Long:	36.86003 / -	119.58097			Accuracy:	80 meters	
UTM:	Zone-11 N40	082455 E269913			Elevation (ft):	463	
PLSS:	T12S, R22E	, Sec. 28, NW (M)			Acres:	0.0	
Location:	EAST SIDE ACADEMY (T MILEPOST	015.26, 0.77 C	ANAL MILES SOU	TH OF TOLLHOUSE RD, 2.8	3 MI SW OF
Detailed Location:	MAPPED TO	O PROVIDED COORDINATE	S IN ESRP SH	IAPEFILE. PO	OL ID FKC-L-015.2	26.2.	
Ecological:	HABITAT DE	ESCRIBED AS "EMERGENT	VEGETATION	I PRESENT. P	OOL CLEAR TO T	EA COLORED."	
General:	2 MALES AN	ND 2 FEMALE OBSERVED (ON 24 FEB 200	5 BY K. GARC	IA-TOMLINSON.		
Owner/Manager:	USBOR						
Occurrence No.	374	Map Index: 72292	EO Index:	73252		Element Last Seen:	2005-02-24
Occ. Rank:	Unknown	·	Presence:	Presumed E	xtant	Site Last Seen:	2005-02-24
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2008-09-15
Quad Summary:	Round Mour	ntain (3611975)					
County Summary:	Fresno						
Lat/Long:	36.85744 / -	119.57679			Accuracy:	specific area	
UTM:	Zone-11 N40	082157 E270277			Elevation (ft):	474	
PLSS:	T12S, R22E	, Sec. 28, SW (M)			Acres:	6.0	
Location:	FRIANT-KEI (BM531).	RN CANAL AT MILEPOSTS	015.55 & 015.5	56, 1.07 CANAI	_ MILES SW OF T	OLLHOUSE RD, 2.7 MI SW (OF ACADEMY
Detailed Location:	TWO VERY	CLOSE POOLS ON EAST S	IDE OF CANA	L. POOL IDS F	KC-L-015.55.1 AN	ID FKC-L-015.56.1.	
Ecological:		SCRIBED AS A CLEAR TO T JUNCUS SP, ERYNGIUM S				TION, AND A TURBID VERI & SONCHUS.	NAL POOL W/
General:		ND 4 FEMALES OBSERVED GARCIA-TOMLINSON.	ON 12 MAR 2	004 BY D. NE\	WMAN, AND 2 MA	LES AND 2 FEMALES OBS	ON 24 FEB
Owner/Manager:	USBOR						



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Occurrence No.	375	Map Index: 72244	EO Index:	73253		Element Last Seen:	2004-03-12
Occ. Rank:	Unknown		Presence:	Presumed Exta	ant	Site Last Seen:	2004-03-12
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2008-09-15
Quad Summary:	Round Mour	ntain (3611975)					
County Summary:	Fresno						
Lat/Long:	36.85243 / -1	119.56968			Accuracy:	specific area	
UTM:	Zone-11 N4(081584 E270896		1	Elevation (ft):	462	
PLSS:	T12S, R22E	, Sec. 28 (M)			Acres:	9.0	
Location:	FRIANT-KEF ACADEMY.	RN CANAL, 0.7 MI EAST OF	BENCH MAR	K 461 AT THE X-	-ING OF THE CA	NAL WITH ACADEMY AVE,	2.9 MI SW OF
Detailed Location:		S, 1 EACH ON SW & NE SIE 06.1, RESPECTIVELY. MAPI					016.08.1 AND
Ecological:	POPCORN F	ESCRIBED AS: A LONG, OV FLOWER, JUNCUS, & EROI JUNCUS, ERODIUM, GRAS	DIUM (SW POC				
General:		AS PRESENT IN SW POOL BY D. NEWMAN.	ON 22 FEB 20	005 BY D. NEWN	MAN, AND OBSE	RVED AS PRESENT IN NE	POOL ON 12
Owner/Manager:	USBOR						
Occurrence No.	376	Map Index: 72294	EO Index:	73254		Element Last Seen:	2004-03-11
Occ. Rank:	Unknown		Presence:	Presumed Exta	ant	Site Last Seen:	2004-03-11
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2008-09-15
Quad Summary:	Round Moun	ntain (3611975)					
County Summary:							
	Fresno						
Lat/Long:	Fresno 36.82988 / -1	119.53805			Accuracy:	80 meters	
Lat/Long: UTM:	36.82988 / -1	119.53805 079007 E273650			Accuracy: Elevation (ft):	80 meters 4621	
0	36.82988 / -1 Zone-11 N40			I	•		
UTM:	36.82988 / -1 Zone-11 N40 T13S, R22E,	079007 E273650 , Sec. 02 (M) RN CANAL AT MILEPOST 0	18.78, 0.6 CAN		Elevation (ft): Acres:	4621 0.0	DUND
UTM: PLSS:	36.82988 / -1 Zone-11 N40 T13S, R22E, FRIANT-KEF MOUNTAIN.	079007 E273650 , Sec. 02 (M) RN CANAL AT MILEPOST 0		IAL MILES NOR	Elevation (ft): Acres: TH OF BULLARD	4621 0.0 AVE, 1.7 MILES NW OF RC	DUND
UTM: PLSS: Location:	36.82988 / -1 Zone-11 N40 T13S, R22E, FRIANT-KEF MOUNTAIN. MAPPED TC HABITAT DE	079007 E273650 , Sec. 02 (M) RN CANAL AT MILEPOST 0	S IN ESRP SH	I AL MILES NOR IAPEFILE. POOL	Elevation (ft): Acres: TH OF BULLARD L ID FKC-R-018.7	4621 0.0 0 AVE, 1.7 MILES NW OF RC 78.1.	
UTM: PLSS: Location: Detailed Location:	36.82988 / -1 Zone-11 N40 T13S, R22E, FRIANT-KEF MOUNTAIN. MAPPED TO HABITAT DE GRASSES, A	079007 E273650 , Sec. 02 (M) RN CANAL AT MILEPOST 0 D PROVIDED COORDINATE ESCRIBED AS A MOSTLY L	S IN ESRP SH INEAR, CLEAF	IAL MILES NOR IAPEFILE. POOL & POOL ALONG	Elevation (ft): Acres: TH OF BULLARD L ID FKC-R-018.7 FENCELINE, W/	4621 0.0 0 AVE, 1.7 MILES NW OF RC 78.1. JUNCUS, ERYNGIUM, NON	I-NATIVE



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Occurrence No.	446	Map Index: A2591	EO Index:	104180	Element Last Seen:	2016-02-0
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2016-02-0
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2016-12-0
Quad Summary:	Lanes Brid	dge (3611987)				
County Summary:	Madera					
Lat/Long:	36.92277	/ -119.78751		Accuracy:	specific area	
UTM:	Zone-11 N	4089935 E251700		Elevation (ft):	370	
PLSS:	T12S, R20	DE, Sec. 4, NE (M)		Acres:	8.0	
_ocation:	SOUTH S	IDE OF AVE 12 ABOUT 0.3 I	VILES E OF THE	YOSEMITE FWY (HWY 41) INT	ERSECTION, N OF FRESNO).
Detailed Location:	MAPPED	TO PROVIDED COORDINA	TES. POOL #52.			
Ecological:		POOL SURROUNDED BY G Y. BRANCHINECTA LYNCHI		AND. SURROUNDING LAND US ED.	SES INCLUDED AGRICULTU	RE &
General:	OBSERVE	ED IN POOL #52 ON 5 FEB 2	2016.			
Owner/Manager:	PVT					
		<i>l'</i>			Element Code: UCO	49014
Desmocerus ca		•			Element Code: IICOL	46011
valley elderberry	0					
Listing Status:		Threatened		CNDDB Element Ranl	ks: Global: G3T2	
		Mana			Ctata: CO	
	State:	None			State: S2	
Ushitat	Other:					
Habitat:				Y OF CALIFORNIA, IN ASSOCIA		RRY
Habitat:	Other:	OCCURS ONLY IN THE C (SAMBUCUS MEXICANA)	IN ELDERBERR	Y OF CALIFORNIA, IN ASSOCIA IES 2-8 INCHES IN DIAMETER;	TION WITH BLUE ELDERBE	
	Other: General:	OCCURS ONLY IN THE C (SAMBUCUS MEXICANA) PREFERS TO LAY EGGS	IN ELDERBERR		TION WITH BLUE ELDERBE	VN FOR
Occurrence No.	Other: General: Micro:	OCCURS ONLY IN THE C (SAMBUCUS MEXICANA) PREFERS TO LAY EGGS "STRESSED" ELDERBER	IN ELDERBERR RIES.	IES 2-8 INCHES IN DIAMETER;	TION WITH BLUE ELDERBE	VN FOR 1991-05-0
Occurrence No. Occ. Rank:	Other: General: Micro: 70 Excellent	OCCURS ONLY IN THE C (SAMBUCUS MEXICANA) PREFERS TO LAY EGGS "STRESSED" ELDERBER	IN ELDERBERR RIES. EO Index:	IES 2-8 INCHES IN DIAMETER; 4066	TION WITH BLUE ELDERBE SOME PREFERENCE SHOV	
Occurrence No. Occ. Rank: Occ. Type:	Other: General: Micro: 70 Excellent	OCCURS ONLY IN THE C (SAMBUCUS MEXICANA) PREFERS TO LAY EGGS "STRESSED" ELDERBER Map Index: 33007	IN ELDERBERR RIES. EO Index: Presence:	IES 2-8 INCHES IN DIAMETER; 4066 Presumed Extant	TION WITH BLUE ELDERBE SOME PREFERENCE SHOV Element Last Seen: Site Last Seen:	VN FOR 1991-05-0 1991-05-0
Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	Other: General: Micro: 70 Excellent Natural/Na	OCCURS ONLY IN THE C (SAMBUCUS MEXICANA) PREFERS TO LAY EGGS "STRESSED" ELDERBER Map Index: 33007	IN ELDERBERR RIES. EO Index: Presence:	IES 2-8 INCHES IN DIAMETER; 4066 Presumed Extant	TION WITH BLUE ELDERBE SOME PREFERENCE SHOV Element Last Seen: Site Last Seen:	VN FOR 1991-05-0 1991-05-0
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	Other: General: Micro: 70 Excellent Natural/Na Sanger (30 Fresno	OCCURS ONLY IN THE C (SAMBUCUS MEXICANA) PREFERS TO LAY EGGS "STRESSED" ELDERBER Map Index: 33007	IN ELDERBERR RIES. EO Index: Presence:	IES 2-8 INCHES IN DIAMETER; 4066 Presumed Extant	TION WITH BLUE ELDERBE SOME PREFERENCE SHOV Element Last Seen: Site Last Seen:	VN FOR 1991-05-0 1991-05-0
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Other: General: Micro: 70 Excellent Natural/Na Sanger (30 Fresno 36.67840	OCCURS ONLY IN THE C (SAMBUCUS MEXICANA) PREFERS TO LAY EGGS "STRESSED" ELDERBER Map Index: 33007 ative occurrence 611965)	IN ELDERBERR RIES. EO Index: Presence:	IES 2-8 INCHES IN DIAMETER; 4066 Presumed Extant Unknown	TION WITH BLUE ELDERBE SOME PREFERENCE SHOV Element Last Seen: Site Last Seen: Record Last Updated:	VN FOR 1991-05-0 1991-05-0
Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM:	Other: General: Micro: 70 Excellent Natural/Na Sanger (30 Fresno 36.67840 Zone-11 N	OCCURS ONLY IN THE C (SAMBUCUS MEXICANA) PREFERS TO LAY EGGS "STRESSED" ELDERBER Map Index: 33007 ative occurrence 611965) / -119.53215	IN ELDERBERR RIES. EO Index: Presence:	IES 2-8 INCHES IN DIAMETER; 4066 Presumed Extant Unknown Accuracy:	TION WITH BLUE ELDERBE SOME PREFERENCE SHOW Element Last Seen: Site Last Seen: Record Last Updated: 80 meters	VN FOR 1991-05-0 1991-05-0
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Other: General: Micro: 70 Excellent Natural/Na Sanger (30 Fresno 36.67840, Zone-11 N T14S, R22	OCCURS ONLY IN THE C (SAMBUCUS MEXICANA) PREFERS TO LAY EGGS "STRESSED" ELDERBER Map Index: 33007 ative occurrence 611965) / -119.53215 14062184 E273732 2E, Sec. 25, SW (M)	IN ELDERBERR RIES. EO Index: Presence: Trend:	IES 2-8 INCHES IN DIAMETER; 4066 Presumed Extant Unknown Accuracy: Elevation (ft):	TION WITH BLUE ELDERBE SOME PREFERENCE SHOW Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 330 0.0	VN FOR 1991-05-0 1991-05-0 1998-08-1
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Other: General: Micro: 70 Excellent Natural/Nat Sanger (30 Fresno 36.67840, Zone-11 N T14S, R22 COLLINS	OCCURS ONLY IN THE C (SAMBUCUS MEXICANA) PREFERS TO LAY EGGS "STRESSED" ELDERBERI Map Index: 33007 ative occurrence 611965) / -119.53215 J4062184 E273732 2E, Sec. 25, SW (M) CREEK, TRIBUTARY TO KII ON: TAXONOMY; DISTRIBU	IN ELDERBERR RIES. EO Index: Presence: Trend:	IES 2-8 INCHES IN DIAMETER; 4066 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	TION WITH BLUE ELDERBE SOME PREFERENCE SHOW Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 330 0.0 AD, ABOUT 2 MILES SE OF	VN FOR 1991-05-0 1998-08-1 1998-08-1 SANGER.
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Other: General: Micro: 70 Excellent Natural/Na Sanger (30 Fresno 36.67840 Zone-11 N T14S, R22 COLLINS REPORT 0 REPORT 0	OCCURS ONLY IN THE C (SAMBUCUS MEXICANA) PREFERS TO LAY EGGS "STRESSED" ELDERBER Map Index: 33007 ative occurrence 611965) / -119.53215 /4062184 E273732 2E, Sec. 25, SW (M) CREEK, TRIBUTARY TO KIN ON: TAXONOMY; DISTRIBURY.	IN ELDERBERR RIES. EO Index: Presence: Trend:	IES 2-8 INCHES IN DIAMETER; 4066 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: THE VICINITY OF CHANNEL RO	TION WITH BLUE ELDERBE SOME PREFERENCE SHOW Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 330 0.0 AD, ABOUT 2 MILES SE OF QUES & OBSERVATIONS; E	VN FOR 1991-05-0 1998-08-1 1998-08-1 SANGER.
Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General:	Other: General: Micro: 70 Excellent Natural/Na Sanger (30 Fresno 36.67840, Zone-11 N T14S, R22 COLLINS REPORT RECOVER HABITAT	OCCURS ONLY IN THE C (SAMBUCUS MEXICANA) PREFERS TO LAY EGGS "STRESSED" ELDERBER Map Index: 33007 ative occurrence 611965) / -119.53215 44062184 E273732 2E, Sec. 25, SW (M) CREEK, TRIBUTARY TO KII ON: TAXONOMY; DISTRIBURY. CONSISTS OF DENSE RIPA	EO Index: EO Index: Presence: Trend:	IES 2-8 INCHES IN DIAMETER; 4066 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: THE VICINITY OF CHANNEL RO TORY; HABITAT; FIELD TECHNI	TION WITH BLUE ELDERBE SOME PREFERENCE SHOW Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 330 0.0 AD, ABOUT 2 MILES SE OF QUES & OBSERVATIONS; E DS, AND ELDERBERRIES.	VN FOR 1991-05-0 1991-05-0 1998-08-1 SANGER.



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Occurrence No.	134	Map Index: 39385	EO Index:	34387		Element Last Seen:	1989-05-25
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	1989-05-25
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown		Record Last Updated:	1998-08-11
Quad Summary:	Herndon (36'	11978)					
County Summary:	Fresno						
Lat/Long:	36.84800 / -1	19.90599			Accuracy:	1/10 mile	
UTM:	Zone-11 N40	81953 E240891			Elevation (ft):	225	
PLSS:	T12S, R19E,	Sec. 33, NW (M)			Acres:	0.0	
Location:	SAN JOAQU RAILROAD (NE OF HERN	IDON, DOWNS	STREAM OF THE	ATCHISON TOPEKA AND SA	NTA FE
Detailed Location:		TRIP BETWEEN SAN JOAC SOLELY AS HERNDON).	UIN RIVER AI	ND RIVERSID	E GOLF COURSE.	(1970 RECORD ADDED FO	R SITE IS
Ecological:	ELDERBERF	RY HABITAT PRESENT.					
General:		DERBERRY TREES HAD M JSEUM SPECIMEN, CSUF).			NO ADULTS OBS	ERVED. 1970: COLLECTED	1 MALE
Owner/Manager:	UNKNOWN						
Occurrence No.	135	Map Index: 39388	EO Index:	34390		Element Last Seen:	1992-03-XX
Occ. Rank:	Fair		Presence:	Presumed E	xtant	Site Last Seen:	2006-04-XX
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown		Record Last Updated:	2015-03-18
Quad Summary:	Lanes Bridge	e (3611987)					
County Summary:	Fresno, Made	era					
Lat/Long:	36.88429 / -1	19.79248			Accuracy:	nonspecific area	
UTM:	Zone-11 N40	85678 E251132			Elevation (ft):	270	
PLSS:	T12S, R20E,	Sec. 16, NW (M)			Acres:	250.2	
Location:		Y 41, BETWEEN SAN JOAQ POST OFFICE.	UIN RIVER CF	ROSSING & C	HILDRENS BLVD I	NTERSECTION, ABOUT 2.5	MI N OF
Detailed Location:	OF SEC 21.					ER," AND T12S, R 20E, E 1/ DAQUIN RIV AND UP TO 1 N	
Ecological:	HABITAT WA	AS RIPARIAN WITH AN UNI	DERSTORY O	F ELDERBERI	RY PLANTS.		
General:						HAD CONFIRMED EXIT HO	
Owner/Manager:	UNKNOWN						



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California Natural Diversity Database



Occurrence No.	167	Map Index: 39533	EO Index:	34535	Element Last Seen:	1989-04-18
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1989-04-18
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	1998-08-25
Quad Summary:	Sanger (361	1965)				
County Summary:	Fresno					
Lat/Long:	36.70086 / -	119.50636		Accuracy:	specific area	
UTM:	Zone-11 N4	064616 E276102		Elevation (ft)	345	
PLSS:	T14S, R23E	, Sec. 19, NE (M)		Acres:	41.1	
Location:	KINGS RIVE	ER, 0.25 MILE NE OF ANN	ADALE AND RIV	ERBEND AVENUES, 2.8 MIL	ES EAST OF SANGER.	
Detailed Location:	RIPARIAN,	GRAVEL MINING PITS/PC	NDS.			
Ecological:	RIPARIAN V	WITH ELDERBERRY HABI	TAT PRESENT.			
General:	1 FEMALE L NOTED.	AYING EGGS OBSERVE	D BUT NOT COL	LECTED. EGGS AND EMERC	SENCE HOLES ON ONE ELDE	RBERRY
Owner/Manager:	UNKNOWN					
Occurrence No.	168	Map Index: 39534	EO Index:	34536	Element Last Seen:	1990-06-01
Occ. Rank:	Unknown	-	Presence:	Presumed Extant	Site Last Seen:	1990-06-0 ²
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	1998-08-2
Quad Summary:	Sanger (361	1965)				
County Summary:	Fresno	,				
Lat/Long:	36.69427 / -	119.52570		Accuracy:	80 meters	
UTM:	Zone-11 N4	063930 E274355		Elevation (ft)	340	
DI 66.						
FL33:	T14S, R22E	, Sec. 24, NE (M)		Acres:	0.0	
PLSS: Location:			OUTH OF ANNA	Acres:		
			OUTH OF ANNA			
Location:	ALONG CH/					
Location: Detailed Location: Ecological:	ALONG CH/	ANNEL ROAD, 0,5 MILE S	ONG ROAD.	DALE AVE INTERSECTION,		OBSERVED.
Location: Detailed Location: Ecological: General:	ALONG CH/	ANNEL ROAD, 0,5 MILE S RY AND OAK FOREST AL ERBERRIES ALONG ROAI	ONG ROAD.	DALE AVE INTERSECTION,	1.9 MILES SE OF SANGER.	OBSERVED.
Location: Detailed Location: Ecological: General: Owner/Manager:	ALONG CH/ ELDERBER MANY ELDE	ANNEL ROAD, 0,5 MILE S RY AND OAK FOREST AL ERBERRIES ALONG ROAI	ONG ROAD.	DALE AVE INTERSECTION,	1.9 MILES SE OF SANGER.	DBSERVED. 1998-04-16
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No.	ALONG CH/ ELDERBER MANY ELDE UNKNOWN	ANNEL ROAD, 0,5 MILE S RY AND OAK FOREST AL ERBERRIES ALONG ROAI	ONG ROAD. D. A FEW ELDEF	DALE AVE INTERSECTION,	1.9 MILES SE OF SANGER. GENCE HOLES. NO ADULTS (
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	ALONG CH/ ELDERBER MANY ELDE UNKNOWN 178 Unknown	ANNEL ROAD, 0,5 MILE S RY AND OAK FOREST AL ERBERRIES ALONG ROAI	ONG ROAD. D. A FEW ELDEF EO Index:	DALE AVE INTERSECTION, RBERRY TREES WITH EMER 35242	I.9 MILES SE OF SANGER. GENCE HOLES. NO ADULTS (Element Last Seen:	1998-04-16
Location: Detailed Location: Ecological: General:	ALONG CH/ ELDERBER MANY ELDE UNKNOWN 178 Unknown	ANNEL ROAD, 0,5 MILE S RY AND OAK FOREST AL ERBERRIES ALONG ROAI Map Index: 40240 ve occurrence	ONG ROAD. D. A FEW ELDEF EO Index: Presence:	DALE AVE INTERSECTION, RBERRY TREES WITH EMER 35242 Presumed Extant	I.9 MILES SE OF SANGER. GENCE HOLES. NO ADULTS (Element Last Seen: Site Last Seen:	1998-04-16 1998-04-16
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	ALONG CH/ ELDERBER MANY ELDE UNKNOWN 178 Unknown Natural/Nativ	ANNEL ROAD, 0,5 MILE S RY AND OAK FOREST AL ERBERRIES ALONG ROAI Map Index: 40240 ve occurrence	ONG ROAD. D. A FEW ELDEF EO Index: Presence:	DALE AVE INTERSECTION, RBERRY TREES WITH EMER 35242 Presumed Extant	I.9 MILES SE OF SANGER. GENCE HOLES. NO ADULTS (Element Last Seen: Site Last Seen:	1998-04-16 1998-04-16
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	ALONG CH/ ELDERBER MANY ELDE UNKNOWN 178 Unknown Natural/Nativ Sanger (361	ANNEL ROAD, 0,5 MILE S RY AND OAK FOREST AL ERBERRIES ALONG ROAI Map Index: 40240 ve occurrence 1965)	ONG ROAD. D. A FEW ELDEF EO Index: Presence:	DALE AVE INTERSECTION, RBERRY TREES WITH EMER 35242 Presumed Extant	I.9 MILES SE OF SANGER. GENCE HOLES. NO ADULTS (Element Last Seen: Site Last Seen:	1998-04-10 1998-04-10
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	ALONG CH/ ELDERBER MANY ELDE UNKNOWN 178 Unknown Natural/Nativ Sanger (361 Fresno 36.70507 / -	ANNEL ROAD, 0,5 MILE S RY AND OAK FOREST AL ERBERRIES ALONG ROAI Map Index: 40240 ve occurrence 1965)	ONG ROAD. D. A FEW ELDEF EO Index: Presence:	DALE AVE INTERSECTION, RBERRY TREES WITH EMER 35242 Presumed Extant Unknown	I.9 MILES SE OF SANGER. GENCE HOLES. NO ADULTS (Element Last Seen: Site Last Seen: Record Last Updated: specific area	1998-04-16 1998-04-16
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	ALONG CH/ ELDERBER MANY ELDE UNKNOWN 178 Unknown Natural/Nativ Sanger (361 Fresno 36.70507 / - Zone-11 N44	ANNEL ROAD, 0,5 MILE S RY AND OAK FOREST AL ERBERRIES ALONG ROAI Map Index: 40240 ve occurrence 1965) 119.51215	ONG ROAD. D. A FEW ELDEF EO Index: Presence:	DALE AVE INTERSECTION, RBERRY TREES WITH EMER 35242 Presumed Extant Unknown Accuracy:	I.9 MILES SE OF SANGER. GENCE HOLES. NO ADULTS (Element Last Seen: Site Last Seen: Record Last Updated: specific area	1998-04-16 1998-04-16
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	ALONG CH/ ELDERBER MANY ELDE UNKNOWN 178 Unknown Natural/Nativ Sanger (361 Fresno 36.70507 / - Zone-11 N44 T14S, R23E	ANNEL ROAD, 0,5 MILE S RY AND OAK FOREST AL ERBERRIES ALONG ROAI Map Index: 40240 ve occurrence 1965) 119.51215 065097 E275597 5, Sec. 19, NW (M)	ONG ROAD. D. A FEW ELDEF EO Index: Presence: Trend:	DALE AVE INTERSECTION, RBERRY TREES WITH EMER 35242 Presumed Extant Unknown Accuracy: Elevation (ft) Acres:	I.9 MILES SE OF SANGER. GENCE HOLES. NO ADULTS O Element Last Seen: Site Last Seen: Record Last Updated: specific area 256	1998-04-16 1998-04-16 1998-11-24
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	ALONG CH/ ELDERBER MANY ELDE UNKNOWN 178 Unknown Natural/Nativ Sanger (361 Fresno 36.70507 / - Zone-11 N44 T14S, R23E TRANSMISS SANGER. EXIT HOLE	ANNEL ROAD, 0,5 MILE S RY AND OAK FOREST AL ERBERRIES ALONG ROAD Map Index: 40240 ve occurrence 1965) 119.51215 065097 E275597 5, Sec. 19, NW (M) SION LINES, 0.4 MILE N O	ONG ROAD. D. A FEW ELDER EO Index: Presence: Trend: F INTERSECTIO	DALE AVE INTERSECTION, RBERRY TREES WITH EMER 35242 Presumed Extant Unknown Accuracy: Elevation (ft) Acres: N OF RIVERBEND & ANNAD	I.9 MILES SE OF SANGER. GENCE HOLES. NO ADULTS O Element Last Seen: Site Last Seen: Record Last Updated: specific area 256 8.6	1998-04-16 1998-04-16 1998-11-24 5 MILES E O
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	ALONG CH/ ELDERBER MANY ELDE UNKNOWN 178 Unknown Natural/Nativ Sanger (361 Fresno 36.70507 / - Zone-11 N44 T14S, R23E TRANSMISS SANGER. EXIT HOLE	ANNEL ROAD, 0,5 MILE S RY AND OAK FOREST AL ERBERRIES ALONG ROAD Map Index: 40240 ve occurrence 1965) 119.51215 065097 E275597 5, Sec. 19, NW (M) SION LINES, 0.4 MILE N O FOUND IN DEAD WOOD 0	ONG ROAD. D. A FEW ELDER EO Index: Presence: Trend: F INTERSECTIO	DALE AVE INTERSECTION, RBERRY TREES WITH EMER 35242 Presumed Extant Unknown Accuracy: Elevation (ft) Acres: N OF RIVERBEND & ANNAD	I.9 MILES SE OF SANGER. GENCE HOLES. NO ADULTS O Element Last Seen: Site Last Seen: Record Last Updated: specific area 256 8.6 ALE AVES & KINGS RIVER, 2.3	1998-04-16 1998-04-16 1998-11-24 5 MILES E O
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	ALONG CH/ ELDERBER MANY ELDE UNKNOWN 178 Unknown Natural/Nativ Sanger (361 Fresno 36.70507 / - Zone-11 N44 T14S, R23E TRANSMISS SANGER. EXIT HOLE PLANTS) FF RIPARIAN.	ANNEL ROAD, 0,5 MILE S RY AND OAK FOREST AL ERBERRIES ALONG ROAD Map Index: 40240 ve occurrence 1965) 119.51215 065097 E275597 5, Sec. 19, NW (M) SION LINES, 0.4 MILE N O FOUND IN DEAD WOOD 0	ONG ROAD. D. A FEW ELDER EO Index: Presence: Trend: F INTERSECTIC 650 FEET NORT OF TOWER.	DALE AVE INTERSECTION, RBERRY TREES WITH EMER 35242 Presumed Extant Unknown Accuracy: Elevation (ft) Acres: N OF RIVERBEND & ANNAD	I.9 MILES SE OF SANGER. GENCE HOLES. NO ADULTS O Element Last Seen: Site Last Seen: Record Last Updated: specific area 256 8.6 ALE AVES & KINGS RIVER, 2.3	1998-04-16 1998-04-16 1998-11-24 5 MILES E O

Commercial Version -- Dated September, 1 2019 -- Biogeographic Data Branch Report Printed on Wednesday, September 11, 2019



California Department of Fish and Wildlife



Occurrence No.	179	Map Index: 40241	EO Index:	35243	Element Last Seen:	1998-04-16
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1998-04-16
Occ. Type:	Natural/Native	e occurrence	Trend:	Unknown	Record Last Updated:	1998-11-24
Quad Summary:	Sanger (3611	965)				
County Summary:	Fresno					
Lat/Long:	36.70191 / -1	19.51709		Accuracy:	specific area	
UTM:	Zone-11 N406	64757 E275147		Elevation (ft):	350	
PLSS:	T14S, R23E,	Sec. 19, NW (M)		Acres:	19.2	
Location:	TRANSMISSI SANGER.	ON LINES, 0.35 MILE NW	OF INTERSEC	TION RIVERBEND & ANNADAL	E AVES, & KINGS RIVER, 2.	5 MILES E OF
Detailed Location:				& 180 FT NE; & 112 FT & 52 FT 02 FT SW; 174, 151 & 62 FT WE		
Ecological:	AGRICULTU	RE (ORCHARDS, ROW CR	OPS, VINEYA	RD) UNCERTAIN WHICH OF TH	IESE IS AT THIS SITE.	
General:	EXIT HOLES	FOUND IN BOTH LIVE AN	ID DEAD WOO	D.		
Owner/Manager:	UNKNOWN					
Occurrence No.	180	Map Index: 40242	EO Index:	35244	Element Last Seen:	1998-04-16
			_			
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1998-04-16
Occ. Rank: Occ. Type:	Unknown Natural/Native	e occurrence	Presence: Trend:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	1998-04-16 1998-11-24
Осс. Туре:	Natural/Native					
Occ. Type: Quad Summary:	Natural/Native Sanger (3611	965)				
Occ. Type: Quad Summary: County Summary:	Natural/Native Sanger (3611 Fresno 36.68014 / -1	965)		Unknown	Record Last Updated:	
Occ. Type: Quad Summary: County Summary: Lat/Long:	Natural/Native Sanger (3611 Fresno 36.68014 / -1 Zone-11 N406	965) 19.53810		Unknown Accuracy:	Record Last Updated: 80 meters	
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Natural/Native Sanger (3611 Fresno 36.68014 / -1 Zone-11 N406 T14S, R22E,	965) 19.53810 52392 E273205 Sec. 25, SW (M) .E ENE OF JCT CENTRAL	Trend:	Unknown Accuracy: Elevation (ft):	Record Last Updated: 80 meters 332 0.0	1998-11-24
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Natural/Native Sanger (3611 Fresno 36.68014 / -1 Zone-11 N406 T14S, R22E, ABOUT 1 MIL SE OF SANG	965) 19.53810 52392 E273205 Sec. 25, SW (M) .E ENE OF JCT CENTRAL	Trend:	Unknown Accuracy: Elevation (ft): Acres:	Record Last Updated: 80 meters 332 0.0	1998-11-24
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Natural/Native Sanger (3611 Fresno 36.68014 / -1 Zone-11 N406 T14S, R22E, ABOUT 1 MIL SE OF SANG 43 FEET NOF	965) 19.53810 52392 E273205 Sec. 25, SW (M) .E ENE OF JCT CENTRAL ER. RTHWEST OF TOWER 35/	Trend: & ACADEMY A 177.	Unknown Accuracy: Elevation (ft): Acres:	Record Last Updated: 80 meters 332 0.0 ODFELLOW AVE & CHANNE	1998-11-24
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Natural/Native Sanger (3611 Fresno 36.68014 / -1 Zone-11 N400 T14S, R22E, ABOUT 1 MIL SE OF SANG 43 FEET NOF AGRICULTUR	965) 19.53810 52392 E273205 Sec. 25, SW (M) .E ENE OF JCT CENTRAL ER. RTHWEST OF TOWER 35/	Trend: & ACADEMY A 177.	Unknown Accuracy: Elevation (ft): Acres: AVES, & 0.4 MILE N OF JCT GC	Record Last Updated: 80 meters 332 0.0 ODFELLOW AVE & CHANNE	1998-11-24



California Department of Fish and Wildlife



	0.45	Mars Inclose 04004	50 10 100	00040		0005 44 00
Occurrence No.	245	Map Index: 94924	EO Index:	96046	Element Last Seen:	2005-11-08
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2005-11-08
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown	Record Last Updated:	2015-01-16
Quad Summary:	Wahtoke (36	611964), Sanger (3611965)				
County Summary:	Fresno					
Lat/Long:	36.72031 / -	119.50448		Accuracy:	specific area	
UTM:	Zone-11 N4	066771 E276327		Elevation (ft):	365	
PLSS:	T14S, R23E	, Sec. 18, NE (M)		Acres:	22.0	
Location:		MI SE OF RAINBOW RD & OST OFFICE.	RIVERBEND A	/E INTERSECTION, ADJACEN	T TO COLLINS CREEK, 3.1 M	II ENE OF
Detailed Location:	WERE ALO		T TO ORCHAR	NS FOR ELDERBERRY PLAN DS. ADDITIONAL ELDERBERR		
Ecological:				E AREA JUST TO THE EAST S A SIGNIFICANT IMPACT ON T		ORS NOTED
General:				NING EXIT HOLES OBSERVED ENCE & OCCURRENCES # 24		F 80 PLANTS
Owner/Manager:	PVT-VULCA	AN MATERIALS				
Occurrence No.	247	Map Index: 94926	EO Index:	96049	Element Last Seen:	2005-11-08
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2005-11-08
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown	Record Last Updated:	2015-05-14
Quad Summary:	Wahtoke (36	611964), Sanger (3611965)				
County Summary:	Fresno					
Lat/Long:	36.71722 / -	119.49688		Accuracy:	specific area	
UTM:	Zone-11 N4	066410 E276997		Elevation (ft):	370	
PLSS:	T440 D005					
	114S, R23E	, Sec. 17 (M)		Acres:	90.0	
Location:		I S OF CENTERVILLE, 1.6 I	MI NE OF RIVE	Acres:		ST OFFICE,
	ABOUT 1 M KINGS RIVI MAPPED A OBS IN THE	I S OF CENTERVILLE, 1.6 I ER. CCORDING TO PROVIDED	MAP LOCATIC TOTAL OF 80 F		. 3.7 MI ENE OF SANGER PC	NAL PLANTS
Location:	ABOUT 1 M KINGS RIVE MAPPED A OBS IN THE & 246 TO T AGGREGA ACTIVITY IS	I S OF CENTERVILLE, 1.6 I ER. CCORDING TO PROVIDED E VICINITY W/ NO VELB. A HE W & N RESPECTIVELY. FE MINING HAS BEEN OCC	MAP LOCATIC TOTAL OF 80 F CURRING IN TH	RBEND AVE & ANNADALE RD	3.7 MI ENE OF SANGER PC S W/ EXIT HOLES. ADDITIO D BTWN THIS OCCURRENC JRVEYORS NOTED THAT M	NAL PLANTS E & OCC. #245 INING
Location: Detailed Location:	ABOUT 1 M KINGS RIVE MAPPED A OBS IN THE & 246 TO T AGGREGA ACTIVITY IS DESCRIBEI APPROXIM	I S OF CENTERVILLE, 1.6 I ER. CCORDING TO PROVIDED E VICINITY W/ NO VELB. A HE W & N RESPECTIVELY. IE MINING HAS BEEN OCC S NOT BELIEVED TO HAVE D AS "RIPARIAN" IN 2009. ATELY 68 ELDERBERRY P	MAP LOCATIC TOTAL OF 80 F CURRING IN TH A SIGNIFICAN LANTS CONTA	RBEND AVE & ANNADALE RD INS FOR ELDERBERRY PLANT PLANTS W/ EXIT HOLES FOUN IE AREA SINCE THE 1940'S. SI	3.7 MI ENE OF SANGER PC TS W/ EXIT HOLES. ADDITIO D BTWN THIS OCCURRENC JRVEYORS NOTED THAT M E OF VELB. GENERAL HABIT D ON 8 NOV 2005. A SINGLE	NAL PLANTS E & OCC. #245 INING "AT



California Department of Fish and Wildlife



Lytta moesta					Element Code: IICO	4C020
moestan blister b	eetle					
Listing Status:	Federal:	None		CNDDB Element Rank	ks: Global: G2	
	State:	None			State: S2	
	Other:					
Habitat:	General:	CENTRAL CALIFORNIA.				
	Micro:					
Occurrence No.	3	Map Index: 64361	EO Index:	64440	Element Last Seen:	19XX-XX-XX
Occ. Rank:	None		Presence:	Possibly Extirpated	Site Last Seen:	19XX-XX-XX
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2007-08-22
Quad Summary:	Friant (36	11986)				
County Summary:	Fresno, M	ladera				
Lat/Long:	36.98663	/ -119.70939		Accuracy:	2/5 mile	
UTM:	Zone-11 N	N4096821 E258861		Elevation (ft):	410	
PLSS:	T11S, R2 ⁻	1E, Sec. 07, SE (M)		Acres:	0.0	
Location:	FRIANT, A	ABOUT 0.85 MILE SOUTHWE	ST OF MILLER	TON LAKE.		
Detailed Location:						
Ecological:						
General:				NLINE DATABASE; COLLECTION	N INFORMATION NOT GIVE	N.
Owner/Manager:	UNKNOW	CAL RECORD; EXACT LOCA [:] /N		IN.		
U						
Lytta molesta					Element Code: IICOL	4C030
molestan blister l	peetle					
Listing Status:	Federal:	None		CNDDB Element Rank	ks: Global: G2	
	State:	None			State: S2	
	Other:					
Habitat:	General:	INHABITS THE CENTRAL	VALLEY OF CA	LIFORNIA, FROM CONTRA COS	STA TO KERN AND TULARE	COUNTIES.
	Micro:					
Occurrence No.	6	Map Index: 30806	EO Index:	64457	Element Last Seen:	19XX-XX-XX
Occ. Rank:	Unknown		Presence:	Possibly Extirpated	Site Last Seen:	19XX-XX-XX
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2006-03-30
Quad Summary:	Madera (3	3612081)				
County Summary:	Madera					
Lat/Long:	36.96034	/ -120.06173		Accuracy:	1 mile	
UTM:	Zone-10 N	N4094507 E761603		Elevation (ft):	270	
PLSS:	T11S, R17	7E, Sec. 24 (M)		Acres:	0.0	
Location:	MADERA					
Detailed Location:						
Ecological:						
Ecological: General:				LINE DATABASE; COLLECTION	N INFORMATION NOT GIVE	N.
-		CAL RECORD; EXACT LOCA			N INFORMATION NOT GIVE	N.



California Department of Fish and Wildlife



Occurrence No.	7 Map Index: 14685	EO Index:	22651	Element Last Seen:	19XX-XX-XX
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:	19XX-XX-XX
Осс. Туре:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:	2006-03-30
Quad Summary:	Fresno North (3611977), Lanes Bridge (3	611987)			
County Summary:	Fresno, Madera				
Lat/Long:	36.87661 / -119.79181		Accuracy:	1/5 mile	
UTM:	Zone-11 N4084824 E251167		Elevation (ft):	275	
PLSS:	T12S, R20E, Sec. 21, NE (M)		Acres:	0.0	
Location:	LANES BRIDGE, 10 MILES NORTH OF	FRESNO.			
Detailed Location:					
Ecological:					
General:	SEASONAL DISTRIBUTION: APRIL 3 TO	O JULY 1. 3 CO	DLLECTED IN APRIL; YEAR OF	COLLECTION UNKNOWN.	
Owner/Manager:	UNKNOWN				
Occurrence No.	13 Map Index: 46277	EO Index:	64456	Element Last Seen:	19XX-XX-XX
Occurrence No. Occ. Rank:	13 Map Index: 46277 Unknown	EO Index: Presence:	64456 Possibly Extirpated	Element Last Seen: Site Last Seen:	19XX-XX-XX 19XX-XX-XX
	•				
Occ. Rank:	Unknown	Presence: Trend:	Possibly Extirpated Unknown	Site Last Seen:	19XX-XX-XX
Occ. Rank: Occ. Type:	Unknown Natural/Native occurrence	Presence: Trend:	Possibly Extirpated Unknown	Site Last Seen:	19XX-XX-XX
Occ. Rank: Occ. Type: Quad Summary:	Unknown Natural/Native occurrence Malaga (3611966), Fresno South (361196	Presence: Trend:	Possibly Extirpated Unknown	Site Last Seen:	19XX-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Unknown Natural/Native occurrence Malaga (3611966), Fresno South (361196 Fresno	Presence: Trend:	Possibly Extirpated Unknown 11976), Fresno North (3611977)	Site Last Seen: Record Last Updated:	19XX-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Unknown Natural/Native occurrence Malaga (3611966), Fresno South (361196 Fresno 36.77388 / -119.77951	Presence: Trend:	Possibly Extirpated Unknown 11976), Fresno North (3611977) Accuracy:	Site Last Seen: Record Last Updated: 5 miles	19XX-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Unknown Natural/Native occurrence Malaga (3611966), Fresno South (361196 Fresno 36.77388 / -119.77951 Zone-11 N4073392 E251931	Presence: Trend:	Possibly Extirpated Unknown 11976), Fresno North (3611977) Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 5 miles 360	19XX-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Native occurrence Malaga (3611966), Fresno South (361194 Fresno 36.77388 / -119.77951 Zone-11 N4073392 E251931 T13S, R20E, Sec. 27 (M)	Presence: Trend:	Possibly Extirpated Unknown 11976), Fresno North (3611977) Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 5 miles 360	19XX-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Native occurrence Malaga (3611966), Fresno South (361194 Fresno 36.77388 / -119.77951 Zone-11 N4073392 E251931 T13S, R20E, Sec. 27 (M)	Presence: Trend:	Possibly Extirpated Unknown 11976), Fresno North (3611977) Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 5 miles 360	19XX-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Unknown Natural/Native occurrence Malaga (3611966), Fresno South (361194 Fresno 36.77388 / -119.77951 Zone-11 N4073392 E251931 T13S, R20E, Sec. 27 (M)	Presence: Trend: 67), Clovis (36 67) PROJECT ON	Possibly Extirpated Unknown 11976), Fresno North (3611977) Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 5 miles 360 0.0	19XX-XX-XX 2006-03-30



California Department of Fish and Wildlife



Efferia antioch	i				Element Code: IIDIP	07010
Antioch efferian r						
Listing Status:	Federal:	None		CNDDB Element Ranl	ks: Global: G1G2	
	State:	None			State: S1S2	
	Other:					
Habitat:	General:	KNOWN ONLY FROM COM	NTRA COSTA AI	ND FRESNO COUNTIES.		
	Micro:					
Occurrence No.	2	Map Index: 46277	EO Index:	63436	Element Last Seen:	1954-12-15
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1954-12-15
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2005-12-08
Quad Summary:	Malaga (3	611966), Fresno South (3611	967), Clovis (361	11976), Fresno North (3611977)		
County Summary:	Fresno					
Lat/Long:	36.77388	/ -119.77951		Accuracy:	5 miles	
UTM:	Zone-11 N	I4073392 E251931		Elevation (ft):	300	
• • • • • • • • • • • • • • • • • • • •	T13S R20)E, Sec. 27 (M)		Acres:	0.0	
PLSS:	1100,1120					
-	FRESNO.	,				
PLSS:						
PLSS: Location:						
PLSS: Location: Detailed Location:	FRESNO.	ED BY CHRIS THOMPSON;	ALSO COLLEC	TED 24 OCT 1954 BY G. FRYMII	RE. IN COLLECTION AT CSU	J FRESNO.
PLSS: Location: Detailed Location: Ecological:	FRESNO.	ED BY CHRIS THOMPSON; ES.	ALSO COLLEC	TED 24 OCT 1954 BY G. FRYMII	RE. IN COLLECTION AT CSI	J FRESNO.
PLSS: Location: Detailed Location: Ecological: General:	FRESNO. COLLECT PARATYP	ED BY CHRIS THOMPSON; ES.	ALSO COLLEC ⁻ EO Index:	TED 24 OCT 1954 BY G. FRYMII 63439	RE. IN COLLECTION AT CSU	J FRESNO. 1935-10-10
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager:	FRESNO. COLLECT PARATYP UNKNOW	ED BY CHRIS THOMPSON; ES. N				
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No.	FRESNO. COLLECT PARATYP UNKNOW 3 Unknown	ED BY CHRIS THOMPSON; ES. N	EO Index:	63439	Element Last Seen:	1935-10-10
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	FRESNO. COLLECT PARATYP UNKNOW 3 Unknown Natural/Na	ED BY CHRIS THOMPSON; ES. N Map Index: 63347	EO Index: Presence:	63439 Presumed Extant	Element Last Seen: Site Last Seen:	1935-10-10 1935-10-10
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	FRESNO. COLLECT PARATYP UNKNOW 3 Unknown Natural/Na	ED BY CHRIS THOMPSON; ES. N Map Index: 63347 ative occurrence rth (3611977)	EO Index: Presence:	63439 Presumed Extant	Element Last Seen: Site Last Seen:	1935-10-10 1935-10-10
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	FRESNO. COLLECT PARATYP UNKNOW 3 Unknown Natural/Na Fresno No Fresno, M	ED BY CHRIS THOMPSON; ES. N Map Index: 63347 ative occurrence rth (3611977)	EO Index: Presence:	63439 Presumed Extant	Element Last Seen: Site Last Seen:	1935-10-10 1935-10-10
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	FRESNO. COLLECT PARATYP UNKNOW 3 Unknown Natural/Na Fresno No Fresno M 36.85747 /	ED BY CHRIS THOMPSON; ES. N Map Index: 63347 ative occurrence orth (3611977) adera	EO Index: Presence:	63439 Presumed Extant Unknown	Element Last Seen: Site Last Seen: Record Last Updated:	1935-10-10 1935-10-10
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	FRESNO. COLLECT PARATYP UNKNOW 3 Unknown Natural/Na Fresno No Fresno, M 36.85747 / Zone-11 N	ED BY CHRIS THOMPSON; ES. N Map Index: 63347 ative occurrence orth (3611977) adera	EO Index: Presence:	63439 Presumed Extant Unknown Accuracy:	Element Last Seen: Site Last Seen: Record Last Updated: 2/5 mile	1935-10-10 1935-10-10
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	FRESNO. COLLECT PARATYP UNKNOW 3 Unknown Natural/Na Fresno No Fresno, M 36.85747 / Zone-11 N T12S, R19	ED BY CHRIS THOMPSON; ES. N Map Index: 63347 ative occurrence rth (3611977) adera / -119.84374 I4082837 E246473	EO Index: Presence: Trend:	63439 Presumed Extant Unknown Accuracy: Elevation (ft):	Element Last Seen: Site Last Seen: Record Last Updated: 2/5 mile 260	1935-10-10 1935-10-10
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	FRESNO. COLLECT PARATYP UNKNOW 3 Unknown Natural/Na Fresno No Fresno, M 36.85747 / Zone-11 N T12S, R19	ED BY CHRIS THOMPSON; ES. N Map Index: 63347 ative occurrence orth (3611977) adera / -119.84374 I4082837 E246473 DE, Sec. 25 (M)	EO Index: Presence: Trend:	63439 Presumed Extant Unknown Accuracy: Elevation (ft):	Element Last Seen: Site Last Seen: Record Last Updated: 2/5 mile 260	1935-10-10 1935-10-10
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	FRESNO. COLLECT PARATYP UNKNOW 3 Unknown Natural/Na Fresno No Fresno, M 36.85747 / Zone-11 N T12S, R19	ED BY CHRIS THOMPSON; ES. N Map Index: 63347 ative occurrence orth (3611977) adera / -119.84374 I4082837 E246473 DE, Sec. 25 (M)	EO Index: Presence: Trend:	63439 Presumed Extant Unknown Accuracy: Elevation (ft):	Element Last Seen: Site Last Seen: Record Last Updated: 2/5 mile 260	1935-10-10 1935-10-10
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	FRESNO. COLLECT PARATYP UNKNOW 3 Unknown Natural/Na Fresno No Fresno, M 36.85747 / Zone-11 N T12S, R19 SCOUT IS	ED BY CHRIS THOMPSON; ES. N Map Index: 63347 ative occurrence orth (3611977) adera / -119.84374 H4082837 E246473 DE, Sec. 25 (M) SLAND, SAN JOAQUIN RIVEI	EO Index: Presence: Trend:	63439 Presumed Extant Unknown Accuracy: Elevation (ft):	Element Last Seen: Site Last Seen: Record Last Updated: 2/5 mile 260 0.0	1935-10-10 1935-10-10



California Department of Fish and Wildlife



Metapogon hu	rai					Elemer	nt Code: IIDIP	08010
Hurd's metapogo	on robberfly							
Listing Status:	Federal:	None		CND	DB Element Ranks	: Global:	G1G2	
	State:	None				State:	S1S2	
	Other:							
Habitat:	General:	KNOWN ONLY FROM AN	TIOCH (DUNES?	?) AND FRESNO	О.			
	Micro:							
Occurrence No.	2	Map Index: 46277	EO Index:	60267		Element	Last Seen:	1922-11-29
Occ. Rank:	Unknown		Presence:	Possibly Extir	rpated	Site Last	Seen:	1922-11-29
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown		Record L	ast Updated:	2005-02-25
Quad Summary:	Malaga (36	611966), Fresno South (3611	1967), Clovis (361	11976), Fresno	North (3611977)			
County Summary:	Fresno							
Lat/Long:	36.77388 /	/ -119.77951			Accuracy:	5 miles		
UTM:	Zone-11 N	4073392 E251931			Elevation (ft):	325		
PLSS:	T13S, R20	0E, Sec. 27 (M)			Acres:	0.0		
Location:	FRESNO.							
Detailed Location:	NO OTHE	R COLLECTION INFORMAT	TION GIVEN.					
Ecological:								
General:	HISTORIC	AL SPECIMENS. 4 MALE A	ND 6 FEMALE P	ARATYPES.				
Owner/Manager:	UNKNOW	Ν						
Owner/Manager:		N						
Bombus crotcl	hii	N				Elemer	nt Code: IIHYN	124480
Bombus crotcl Crotch bumble b	hii ee							/24480
Bombus crotcl	h <i>ii</i> ee Federal:	None		CND	DB Element Ranks	s: Global:	G3G4	/24480
Bombus crotcl Crotch bumble b	hii ee Federal: State:			CND	DB Element Ranks			//24480
Bombus crotcl Crotch bumble bu Listing Status:	hii ee Federal: State: Other:	None Candidate Endangered		-		s: Global: State:	G3G4 S1S2	124480
Bombus crotcl Crotch bumble b	hii ee Federal: State: Other: General:	None Candidate Endangered COASTAL CALIFORNIA E		ERRA-CASCAD	DE CREST AND SO	s: Global: State: UTH INTO M	G3G4 S1S2 ⁄IEXICO.	
Bombus crotcl Crotch bumble be Listing Status:	hii ee Federal: State: Other:	None Candidate Endangered		ERRA-CASCAD	DE CREST AND SO	s: Global: State: UTH INTO M	G3G4 S1S2 ⁄IEXICO.	
Bombus crotcl Crotch bumble bu Listing Status: Habitat:	hii ee Federal: State: Other: General:	None Candidate Endangered COASTAL CALIFORNIA E FOOD PLANT GENERA IN		ERRA-CASCAD	DE CREST AND SO	S: Global: State: UTH INTO M ENDROMEC	G3G4 S1S2 ⁄IEXICO.	
Bombus crotcl Crotch bumble bu Listing Status: Habitat: Occurrence No.	hii ee Federal: State: Other: General: Micro:	None Candidate Endangered COASTAL CALIFORNIA E FOOD PLANT GENERA IN ERIOGONUM.	NCLUDE ANTIRR	ERRA-CASCAD RHINUM, PHAC	DE CREST AND SO DELIA, CLARKIA, DI	S: Global: State: UTH INTO M ENDROMEC	G3G4 S1S2 //EXICO. :ON, ESCHSCH	iolzia, and
Bombus crotcl Crotch bumble bu Listing Status: Habitat: Occurrence No. Occ. Rank:	hii ee Federal: State: Other: General: Micro: 32 Unknown	None Candidate Endangered COASTAL CALIFORNIA E FOOD PLANT GENERA IN ERIOGONUM.	EO Index:	ERRA-CASCAD RHINUM, PHAC 98649	DE CREST AND SO DELIA, CLARKIA, DI	s: Global: State: UTH INTO M ENDROMEC Element Site Last	G3G4 S1S2 //EXICO. :ON, ESCHSCH	łolzia, and 1953-04-18
Bombus crotcl Crotch bumble bu Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type:	hii ee Federal: State: Other: General: Micro: 32 Unknown Natural/Na	None Candidate Endangered COASTAL CALIFORNIA E FOOD PLANT GENERA IN ERIOGONUM. Map Index: 66535	EO Index: Presence: Trend:	ERRA-CASCAD RHINUM, PHAC 98649 Presumed Ex Unknown	DE CREST AND SO DELIA, CLARKIA, DI	s: Global: State: UTH INTO M ENDROMEC Element Site Last	G3G4 S1S2 MEXICO. CON, ESCHSCH Last Seen: Seen:	IOLZIA, AND 1953-04-18 1953-04-18
Bombus crotcl Crotch bumble bu Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	hii ee Federal: State: Other: General: Micro: 32 Unknown Natural/Na	None Candidate Endangered COASTAL CALIFORNIA E FOOD PLANT GENERA IN ERIOGONUM. Map Index: 66535	EO Index: Presence: Trend:	ERRA-CASCAD RHINUM, PHAC 98649 Presumed Ex Unknown	DE CREST AND SO DELIA, CLARKIA, DI	s: Global: State: UTH INTO M ENDROMEC Element Site Last	G3G4 S1S2 MEXICO. CON, ESCHSCH Last Seen: Seen:	IOLZIA, AND 1953-04-18 1953-04-18
Bombus crotcl Crotch bumble bu Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	hii ee Federal: State: Other: General: Micro: 32 Unknown Natural/Na Millerton L Madera	None Candidate Endangered COASTAL CALIFORNIA E FOOD PLANT GENERA IN ERIOGONUM. Map Index: 66535	EO Index: Presence: Trend:	ERRA-CASCAD RHINUM, PHAC 98649 Presumed Ex Unknown	DE CREST AND SO DELIA, CLARKIA, DI	s: Global: State: UTH INTO M ENDROMEC Element Site Last	G3G4 S1S2 MEXICO. CON, ESCHSCH Last Seen: Seen:	IOLZIA, AND 1953-04-18 1953-04-18
Bombus crotcl Crotch bumble bu Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	hii ee Federal: State: Other: General: Micro: 32 Unknown Natural/Na Millerton L Madera 37.09462 /	None Candidate Endangered COASTAL CALIFORNIA E FOOD PLANT GENERA IN ERIOGONUM. Map Index: 66535 ative occurrence ake West (3711916), Little Ta	EO Index: Presence: Trend:	ERRA-CASCAD RHINUM, PHAC 98649 Presumed Ex Unknown	DE CREST AND SO ELIA, CLARKIA, DI	s: Global: State: UTH INTO M ENDROMEC Element Site Last Record L	G3G4 S1S2 MEXICO. CON, ESCHSCH Last Seen: Seen:	IOLZIA, AND 1953-04-18 1953-04-18
Bombus crotcl Crotch bumble bu Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	hii ee Federal: State: Other: General: Micro: 32 Unknown Natural/Na Millerton L Madera 37.09462 / Zone-11 N	None Candidate Endangered COASTAL CALIFORNIA E FOOD PLANT GENERA IN ERIOGONUM. Map Index: 66535 attive occurrence ake West (3711916), Little Ta	EO Index: Presence: Trend:	ERRA-CASCAD RHINUM, PHAC 98649 Presumed Ex Unknown	DE CREST AND SO SELIA, CLARKIA, DI ctant Accuracy:	s: Global: State: UTH INTO M ENDROMEC Element Site Last Record L	G3G4 S1S2 MEXICO. CON, ESCHSCH Last Seen: Seen:	IOLZIA, AND 1953-04-18 1953-04-18
Bombus crotcl Crotch bumble bu Listing Status:	hii ee Federal: State: Other: General: Micro: 32 Unknown Natural/Na Millerton L Madera 37.09462 / Zone-11 N T10S, R20	None Candidate Endangered COASTAL CALIFORNIA E FOOD PLANT GENERA IN ERIOGONUM. Map Index: 66535 ative occurrence ake West (3711916), Little Ta 7-119.73427 14108868 E256991	NCLUDE ANTIRR EO Index: Presence: Trend: able Mtn. (37119	ERRA-CASCAD RHINUM, PHAC 98649 Presumed Ex Unknown	DE CREST AND SO ELIA, CLARKIA, DE stant Accuracy: Elevation (ft):	s: Global: State: UTH INTO M ENDROMEC Element Site Last Record L	G3G4 S1S2 MEXICO. CON, ESCHSCH Last Seen: Seen:	IOLZIA, AND 1953-04-18 1953-04-18
Bombus crotcl Crotch bumble bu Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	hii ee Federal: State: Other: General: Micro: 32 Unknown Natural/Na Millerton L Madera 37.09462 / Zone-11 N T10S, R20 SAN JOAC EXACT LC	None Candidate Endangered COASTAL CALIFORNIA E FOOD PLANT GENERA IN ERIOGONUM. Map Index: 66535 ative occurrence ake West (3711916), Little T. (-119.73427 14108868 E256991 DE, Sec. 01 (M) QUIN EXPERIMENTAL RAN DCATION UNKNOWN. MAPP	NCLUDE ANTIRR EO Index: Presence: Trend: able Mtn. (37119 GE.	ERRA-CASCAD RHINUM, PHAC 98649 Presumed Ex Unknown 17)	DE CREST AND SO ELIA, CLARKIA, DE atant Accuracy: Elevation (ft): Acres:	s: Global: State: UTH INTO M ENDROMEC Element Site Last Record L	G3G4 S1S2 //EXICO. :ON, ESCHSCH Last Seen: Seen: .ast Updated:	IOLZIA, AND 1953-04-18 1953-04-18 2015-08-28
Bombus crotcl Crotch bumble bu Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	hii ee Federal: State: Other: General: Micro: 32 Unknown Natural/Na Millerton L Madera 37.09462 / Zone-11 N T10S, R20 SAN JOAC EXACT LC	None Candidate Endangered COASTAL CALIFORNIA E FOOD PLANT GENERA IN ERIOGONUM. Map Index: 66535 ative occurrence ake West (3711916), Little Ta '-119.73427 14108868 E256991 DE, Sec. 01 (M) QUIN EXPERIMENTAL RAN	NCLUDE ANTIRR EO Index: Presence: Trend: able Mtn. (37119 GE.	ERRA-CASCAD RHINUM, PHAC 98649 Presumed Ex Unknown 17)	DE CREST AND SO ELIA, CLARKIA, DE atant Accuracy: Elevation (ft): Acres:	s: Global: State: UTH INTO M ENDROMEC Element Site Last Record L	G3G4 S1S2 //EXICO. :ON, ESCHSCH Last Seen: Seen: .ast Updated:	IOLZIA, AND 1953-04-18 1953-04-18 2015-08-28
Bombus crotcl Crotch bumble bu Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	hii ee Federal: State: Other: General: Micro: 32 Unknown Natural/Na Millerton L Madera 37.09462 / Zone-11 N T10S, R20 SAN JOAC EXACT LC NORTH O	None Candidate Endangered COASTAL CALIFORNIA E FOOD PLANT GENERA IN ERIOGONUM. Map Index: 66535 ative occurrence ake West (3711916), Little T. (-119.73427 14108868 E256991 DE, Sec. 01 (M) QUIN EXPERIMENTAL RAN DCATION UNKNOWN. MAPP	EO Index: Presence: Trend: able Mtn. (37119 GE. PED BY CNDDB	ERRA-CASCAD RHINUM, PHAC 98649 Presumed Ex Unknown 17)	DE CREST AND SO SELIA, CLARKIA, DE attant Accuracy: Elevation (ft): Acres: RAL VICINITY OF S	s: Global: State: UTH INTO M ENDROMEC Element Site Last Record L 1 mile 1100 0.0	G3G4 S1S2 MEXICO. CON, ESCHSCH Last Seen: Seen: .ast Updated:	IOLZIA, AND 1953-04-18 1953-04-18 2015-08-28



California Department of Fish and Wildlife



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Occurrence No.	53 Map Index: 46277	EO Index:	98701	Element Last Seen:	1899-04-29
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:	1899-04-29
Осс. Туре:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:	2015-09-09
Quad Summary:	Malaga (3611966), Fresno South (36119	967), Clovis (361	11976), Fresno North (3611977)		
County Summary:	Fresno				
Lat/Long:	36.77388 / -119.77951		Accuracy:	5 miles	
UTM:	Zone-11 N4073392 E251931		Elevation (ft):	300	
PLSS:	T13S, R20E, Sec. 27 (M)		Acres:	0.0	
Location:	FRESNO.				
Detailed Location:	EXACT LOCATION UNKNOWN. MAPPE	ED BY CNDDB	IN THE GENERAL VICINITY OF	FRESNO.	
Ecological:					
General:	COLLECTED 29 APR 1899.				
Owner/Manager:	UNKNOWN				
Occurrence No.	54 Map Index: 97407	EO Index:	98702	Element Last Seen:	1982-05-28
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:	1982-05-28
Occ. Rank: Occ. Type:	Unknown Natural/Native occurrence	Presence: Trend:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	1982-05-28 2015-09-01
Осс. Туре:	Natural/Native occurrence				
Occ. Type: Quad Summary:	Natural/Native occurrence Millerton Lake West (3711916)				
Occ. Type: Quad Summary: County Summary:	Natural/Native occurrence Millerton Lake West (3711916) Fresno, Madera		Unknown	Record Last Updated:	
Occ. Type: Quad Summary: County Summary: Lat/Long:	Natural/Native occurrenceMillerton Lake West (3711916)Fresno, Madera37.03180 / -119.65383		Unknown Accuracy:	Record Last Updated: 2/5 mile	
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Natural/Native occurrenceMillerton Lake West (3711916)Fresno, Madera37.03180 / -119.65383Zone-11 N4101694 E263947	Trend:	Unknown Accuracy: Elevation (ft): Acres:	Record Last Updated: 2/5 mile 700	
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Natural/Native occurrence Millerton Lake West (3711916) Fresno, Madera 37.03180 / -119.65383 Zone-11 N4101694 E263947 T10S, R21E, Sec. 26 (M)	Trend: MILLERTON LA MAPPED BY C	Unknown Accuracy: Elevation (ft): Acres: KE. CNDDB AS A BEST GUESS 0.7 F	Record Last Updated: 2/5 mile 700 0.0	2015-09-01
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Natural/Native occurrence Millerton Lake West (3711916) Fresno, Madera 37.03180 / -119.65383 Zone-11 N4101694 E263947 T10S, R21E, Sec. 26 (M) 0.7 MILE SOUTH OF SKY HARBOUR, M UNABLE TO LOCATE SKY HARBOUR.	Trend: MILLERTON LA MAPPED BY C	Unknown Accuracy: Elevation (ft): Acres: KE. CNDDB AS A BEST GUESS 0.7 F	Record Last Updated: 2/5 mile 700 0.0	2015-09-01
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Natural/Native occurrence Millerton Lake West (3711916) Fresno, Madera 37.03180 / -119.65383 Zone-11 N4101694 E263947 T10S, R21E, Sec. 26 (M) 0.7 MILE SOUTH OF SKY HARBOUR, M UNABLE TO LOCATE SKY HARBOUR.	Trend: MILLERTON LA MAPPED BY C	Unknown Accuracy: Elevation (ft): Acres: KE. CNDDB AS A BEST GUESS 0.7 F	Record Last Updated: 2/5 mile 700 0.0	2015-09-01



California Department of Fish and Wildlife



							4110070
Calicina mesae						Element Code: ILAR	408070
Table Mountain h		News					
Listing Status:		None		CND	DB Element Rank		
	State:	None				State: S1	
Habitat:	Other:						
	General:	SERIES.	E TIPE LOCALI	T, TABLE WO	UNTAIN, FRESHC	CO. KNOWN ONLY FROM	
	Micro:						
Occurrence No.	1	Map Index: 59464	EO Index:	59500		Element Last Seen:	1985-03-31
Occ. Rank:	Unknown		Presence:	Presumed Ex	tant	Site Last Seen:	1985-03-31
Осс. Туре:	Natural/N	ative occurrence	Trend:	Unknown		Record Last Updated:	2005-01-19
Quad Summary:	Millerton I	Lake West (3711916)					
County Summary:	Fresno						
Lat/Long:	37.02505	/ -119.65228			Accuracy:	1/5 mile	
UTM:		N4100941 E264064			Elevation (ft):	760	
PLSS:	T10S, R2	1E, Sec. 35 (M)			Acres:	0.0	
Location:	TABLE M	IOUNTAIN, 2.8 MILES NORTH	H OF MILLERTO	N LAKE ROAD	ON SKY HARBO	R ROAD.	
Detailed Location:		BOR DRIVE SHOWN AS PIN					
Ecological:		BASALT ROCKS IN AN OAK (
General:	HOLOTY	PE MALE AND 11 MALE AND	0 14 FEMALE PA	RATYPES.			
Owner/Manager:	UNKNOW	٧N					
Listing Status:	Federal: State:	None		CND	DB Element Rank	s: Global: G2	
	Other:	None Rare Plant Rank - 18-2				State: S2	
Habitat:	Other: General:	Rare Plant Rank - 1B.2		GRASSI AND		State: S2	
Habitat:	General:	Rare Plant Rank - 1B.2 VERNAL POOLS, VALLEY					М.
	General: Micro:	Rare Plant Rank - 1B.2 VERNAL POOLS, VALLEY SOME SITES ON CLAY SO	OIL OF GRANITI	C ORIGIN; VEF		THIN GRASSLAND. 15-1270	
Occurrence No.	General: Micro: 9	Rare Plant Rank - 1B.2 VERNAL POOLS, VALLEY	DIL OF GRANITI	C ORIGIN; VEF 35388	RNAL POOLS, WI	THIN GRASSLAND. 15-1270 Element Last Seen:	1936-06-04
Occurrence No. Occ. Rank:	General: Micro: 9 None	Rare Plant Rank - 1B.2 VERNAL POOLS, VALLEY SOME SITES ON CLAY SO Map Index: 40381	DIL OF GRANITI EO Index: Presence:	C ORIGIN; VEF 35388 Possibly Exti	RNAL POOLS, WI	THIN GRASSLAND. 15-1270 Element Last Seen: Site Last Seen:	1936-06-04 1987-XX-XX
Occurrence No. Occ. Rank: Occ. Type:	General: Micro: 9 None Natural/Na	Rare Plant Rank - 1B.2 VERNAL POOLS, VALLEY SOME SITES ON CLAY SO Map Index: 40381	DIL OF GRANITI	C ORIGIN; VEF 35388	RNAL POOLS, WI	THIN GRASSLAND. 15-1270 Element Last Seen:	
Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	General: Micro: 9 None Natural/Natural	Rare Plant Rank - 1B.2 VERNAL POOLS, VALLEY SOME SITES ON CLAY SO Map Index: 40381	DIL OF GRANITI EO Index: Presence:	C ORIGIN; VEF 35388 Possibly Exti	RNAL POOLS, WI	THIN GRASSLAND. 15-1270 Element Last Seen: Site Last Seen:	1936-06-04 1987-XX-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	General: Micro: 9 None Natural/Natural	Rare Plant Rank - 1B.2 VERNAL POOLS, VALLEY SOME SITES ON CLAY SO Map Index: 40381	DIL OF GRANITI EO Index: Presence:	C ORIGIN; VEF 35388 Possibly Exti	RNAL POOLS, WI	THIN GRASSLAND. 15-1270 Element Last Seen: Site Last Seen:	1936-06-04 1987-XX-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	General: Micro: 9 None Natural/Na Round Mo Fresno 36.76572	Rare Plant Rank - 1B.2 VERNAL POOLS, VALLEY SOME SITES ON CLAY SO Map Index: 40381 lative occurrence ountain (3611975)	DIL OF GRANITI EO Index: Presence:	C ORIGIN; VEF 35388 Possibly Exti	RNAL POOLS, WI	THIN GRASSLAND. 15-1270 Element Last Seen: Site Last Seen:	1936-06-04 1987-XX-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	General: Micro: 9 None Natural/Na Round Mo Fresno 36.76572 Zone-11 N	Rare Plant Rank - 1B.2 VERNAL POOLS, VALLEY SOME SITES ON CLAY SO Map Index: 40381 lative occurrence ountain (3611975) / -119.54406 N4071902 E272925	DIL OF GRANITI EO Index: Presence:	C ORIGIN; VEF 35388 Possibly Exti	RNAL POOLS, WI ⁻ rpated Accuracy: Elevation (ft):	THIN GRASSLAND. 15-1270 Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 400	1936-06-04 1987-XX-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	General: Micro: 9 None Natural/Na Round Mo Fresno 36.76572 Zone-11 N	Rare Plant Rank - 1B.2 VERNAL POOLS, VALLEY SOME SITES ON CLAY SO Map Index: 40381 lative occurrence ountain (3611975)	DIL OF GRANITI EO Index: Presence:	C ORIGIN; VEF 35388 Possibly Exti	RNAL POOLS, WI	THIN GRASSLAND. 15-1270 Element Last Seen: Site Last Seen: Record Last Updated: 1 mile	1936-06-04 1987-XX-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	General: Micro: 9 None Natural/Na Round Mo Fresno 36.76572 Zone-11 N T13S, R2:	Rare Plant Rank - 1B.2 VERNAL POOLS, VALLEY SOME SITES ON CLAY SO Map Index: 40381 lative occurrence ountain (3611975) / -119.54406 N4071902 E272925	DIL OF GRANITI EO Index: Presence:	C ORIGIN; VEF 35388 Possibly Exti	RNAL POOLS, WI ⁻ rpated Accuracy: Elevation (ft):	THIN GRASSLAND. 15-1270 Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 400	1936-06-04 1987-XX-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	General: Micro: 9 None Natural/Na Round Mo Fresno 36.76572 Zone-11 N T13S, R2 4 MILES N EXACT LO	Rare Plant Rank - 1B.2 VERNAL POOLS, VALLEY SOME SITES ON CLAY SO Map Index: 40381 ative occurrence ountain (3611975) / -119.54406 N4071902 E272925 2E, Sec. 26 (M) NORTH OF SANGER. OCATION NOT KNOWN; MAU	DIL OF GRANITI EO Index: Presence: Trend:	C ORIGIN; VEF 35388 Possibly Exti Unknown	RNAL POOLS, WI rpated Accuracy: Elevation (ft): Acres:	THIN GRASSLAND. 15-1270 Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 400 0.0	1936-06-04 1987-XX-XX 1998-12-14
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	General: Micro: 9 None Natural/Na Round Mo Fresno 36.76572 Zone-11 N T13S, R2 4 MILES N	Rare Plant Rank - 1B.2 VERNAL POOLS, VALLEY SOME SITES ON CLAY SO Map Index: 40381 ative occurrence ountain (3611975) / -119.54406 N4071902 E272925 2E, Sec. 26 (M) NORTH OF SANGER. OCATION NOT KNOWN; MAU	DIL OF GRANITI EO Index: Presence: Trend:	C ORIGIN; VEF 35388 Possibly Exti Unknown	RNAL POOLS, WI rpated Accuracy: Elevation (ft): Acres:	THIN GRASSLAND. 15-1270 Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 400 0.0	1936-06-04 1987-XX-XX 1998-12-14
Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General:	General: Micro: 9 None Natural/Na Round Mo Fresno 36.76572 Zone-11 N T13S, R2 4 MILES N EXACT LO ACADEM	Rare Plant Rank - 1B.2 VERNAL POOLS, VALLEY SOME SITES ON CLAY SO Map Index: 40381 ative occurrence ountain (3611975) / -119.54406 N4071902 E272925 2E, Sec. 26 (M) NORTH OF SANGER. OCATION NOT KNOWN; MAU	DIL OF GRANITI EO Index: Presence: Trend:	C ORIGIN; VEF 35388 Possibly Extin Unknown	RNAL POOLS, WI rpated Accuracy: Elevation (ft): Acres:	THIN GRASSLAND. 15-1270 Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 400 0.0	1936-06-04 1987-XX-XX 1998-12-14
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological:	General: Micro: 9 None Natural/N: Round Mc Fresno 36.76572 Zone-11 N T13S, R2: 4 MILES I EXACT LC ACADEM	Rare Plant Rank - 1B.2 VERNAL POOLS, VALLEY SOME SITES ON CLAY SO Map Index: 40381 ative occurrence ountain (3611975) / -119.54406 N4071902 E272925 :2E, Sec. 26 (M) NORTH OF SANGER. OCATION NOT KNOWN; MAI IY.	DIL OF GRANITI EO Index: Presence: Trend: PPED ABOUT 4	C ORIGIN; VEF 35388 Possibly Extin Unknown MILES NORTH	RNAL POOLS, WI rpated Accuracy: Elevation (ft): Acres: I OF SANGER ALC TION BY HOOVER	THIN GRASSLAND. 15-1270 Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 400 0.0	1936-06-04 1987-XX-XX 1998-12-14



California Department of Fish and Wildlife



Occurrence No.	20	Map Index: 25041	EO Index:	6257		Element Last Seen:	2000-09-22
Occ. Rank:	Excellent		Presence:	Presumed Extant		Site Last Seen:	2000-09-22
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2014-01-02
Quad Summary:	Little Table	Mtn. (3711917)					
County Summary:	Madera						
Lat/Long:	37.02980 / -	119.78697		Acc	uracy:	specific area	
UTM:	Zone-11 N4	101811 E252095		Elev	vation (ft):	470	
PLSS:	T10S, R20E	, Sec. 33 (M)		Acre	es:	207.8	
Location:	HIGHWAY 4 NORTH 1.3		NORTH ABOU	T 3 KM (2 MI), AND	ALONG ROA	D 209 FROM JUNCTION W	TH HWY 41
Detailed Location:		LONG BOTH SIDES OF HIG G BOTH SIDES OF ROAD 2				AST SIDE OF THE ROAD IN N 33.	SECTION 28,
Ecological:	GENICULA		IULTIFLORUM,	PSILOCARPHUS B		AGIOBOTHRYS SPP., HOR S, VERONICA, BOISDUVALI	
General:	CORNERS		PLANTS SEEN	BY PRESTON ALON) PLANTS AT VERNAL POO 9 IN 2000. PART OF A LARC	
Owner/Manager:	CALTRANS	, PVT, UNKNOWN					
Occurrence No.	21	Map Index: 25040	EO Index:	6258		Element Last Seen:	2010-09-20
Occ. Rank:	Good		Presence:	Presumed Extant		Site Last Seen:	2010-09-20
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown		Record Last Updated:	2011-08-02
Quad Summary:	Little Table I	Mtn. (3711917)					
County Summary:	Madera						
Lat/Long:	37.04738 / -	119.77582		Acc	uracy:	specific area	
UTM:	Zone-11 N4	103733 E253144		Elev	vation (ft):	630	
PLSS:	T10S, R20E	, Sec. 22 (M)		Acre	es:	20.0	
Location:	OFF OF HIG	GHWAY 41, SCATTERED F	ROM ABOUT 0.	3 TO 1.5 MI NE OF	TWENTYTW	O MILE HOUSE.	
Detailed Location:	MAPPED AS	S 7 POLYGONS BASED ON	2010 CALTRA	NS DIGITAL DATA.			
Ecological:	LYTHRUM H		IPSIA DANTHO			SSOCIATED SPECIES INCL VISSIMUS, ACHYRACHAEN	
General:						S POLYS): 150, 100, 1200, 5 EDIATE WITH E. CASTREN	
	CALTRANS						



California Department of Fish and Wildlife



Occurrence No.	30	Map Index: 50757	EO Index:	50757	Element Last Seen:	1991-05-07
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1991-05-07
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown	Record Last Updated:	2010-10-28
Quad Summary:	Friant (3611	986), Millerton Lake West (3711916)			
County Summary:	Fresno, Mac	dera				
Lat/Long:	36.99013 / -	119.71142		Accuracy:	1 mile	
UTM:	Zone-11 N4	097214 E258692		Elevation (ft):		
PLSS:	T11S, R21E	e, Sec. 07 (M)		Acres:	0.0	
Location:	FRIANT.					
Detailed Location:	EXACT LOO	CATION UNKNOWN. MAPP	PED BY CNDDB	IN GENERAL VICINITY OF FRI	ANT.	
Ecological:	BEDS OF F	ORMER WINTER POOLS.				
General:					A 1991 REISER COLLECTION	I FROM "NEAF
Owner/Manager:	UNKNOWN	UNTAIN, WEST OF FRIAN	I DAM. NEEDS	HELDWORK.		
Occurrence No.	72	Map Index: 83425	EO Index:	84444	Element Last Seen:	2010-06-29
	72 Excellent	Map Index: 83425	EO Index: Presence:	84444 Presumed Extant	Element Last Seen: Site Last Seen:	2010-06-29 2010-06-29
Occurrence No. Occ. Rank: Occ. Type:	Excellent	Map Index: 83425		• • • • • •		
Occ. Rank:	Excellent Natural/Nati	·	Presence:	Presumed Extant	Site Last Seen:	2010-06-29
Occ. Rank: Occ. Type:	Excellent Natural/Nati	ve occurrence	Presence:	Presumed Extant	Site Last Seen:	2010-06-29
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Excellent Natural/Nati	ve occurrence le (3611987)	Presence:	Presumed Extant	Site Last Seen:	2010-06-29
Occ. Rank: Occ. Type: Quad Summary:	Excellent Natural/Nati Lanes Bridg Madera 36.94345 / -	ve occurrence le (3611987)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2010-06-29
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Excellent Natural/Nati Lanes Bridg Madera 36.94345 / - Zone-11 N4	ve occurrence le (3611987) -119.79385	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: specific area	2010-06-29
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Excellent Natural/Nati Lanes Bridg Madera 36.94345 / - Zone-11 N4 T11S, R20E	ve occurrence le (3611987) 119.79385 092247 E251202 E, Sec. 28, SE (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: specific area 405 1.0	2010-06-29
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Excellent Natural/Nati Lanes Bridg Madera 36.94345 / - Zone-11 N4 T11S, R20E ABOUT 1.1 ERYNGIUM INAEQUALI	ve occurrence le (3611987) -119.79385 092247 E251202 E, Sec. 28, SE (M) MI SOUTH OF ROAD 204 I SPINOSEPALUM WAS LIS	Presence: Trend: ON EAST SIDE STED AS AN AS	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 405 1.0 OUR CORNERS. FIELD SURVEY FOR ORCUT	2010-06-29 2011-08-02
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Excellent Natural/Nati Lanes Bridg Madera 36.94345 / - Zone-11 N4 T11S, R20E ABOUT 1.1 ERYNGIUM INAEQUALI ORCUTTIA POOLS SU	ve occurrence le (3611987) 119.79385 092247 E251202 E, Sec. 28, SE (M) MI SOUTH OF ROAD 204 I SPINOSEPALUM WAS LIS IS. 2010 CALTRANS DIGIT INAEQUALIS. RROUNDED BY ANNUAL (1 CLEISTOGAMUM, PSILO	Presence: Trend: ON EAST SIDE STED AS AN AS AL DATA ACCO GRASSLAND. BI	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: OF HIGHWAY 41, SOUTH OF F SOCIATE IN A 2010 O'LEARY F	Site Last Seen: Record Last Updated: specific area 405 1.0 OUR CORNERS. FIELD SURVEY FOR ORCUT '; MAPPED BASED ON DIGIT IES INCLUDED ORCUTTIA IN	2010-06-29 2011-08-02 TIA AL DATA FOR JAEQUALIS,
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Excellent Natural/Nati Lanes Bridg Madera 36.94345 / - Zone-11 N4 T11S, R20E ABOUT 1.1 ERYNGIUM INAEQUALI ORCUTTIA POOLS SUI EPILOBIUM HYSSOPIFO UNKNOWN FOR CREA	ve occurrence le (3611987) 119.79385 092247 E251202 E, Sec. 28, SE (M) MI SOUTH OF ROAD 204 I SPINOSEPALUM WAS LIS IS. 2010 CALTRANS DIGIT INAEQUALIS. RROUNDED BY ANNUAL (1 CLEISTOGAMUM, PSILO DLIA. NUMBER OF PLANTS SE	Presence: Trend: ON EAST SIDE STED AS AN AS AL DATA ACCO GRASSLAND. BI CARPHUS BRE EN IN 2010. DUI ANCEMENT OF	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: OF HIGHWAY 41, SOUTH OF F SOCIATE IN A 2010 O'LEARY F MPANIES THIS FIELD SURVEY	Site Last Seen: Record Last Updated: specific area 405 1.0 OUR CORNERS. FIELD SURVEY FOR ORCUT '; MAPPED BASED ON DIGIT IES INCLUDED ORCUTTIA IN ROSTACHYA AND LYTHRUM	2010-06-29 2011-08-02 TIA AL DATA FOR JAEQUALIS, 1 TRUCTION



California Department of Fish and Wildlife



Occurrence No.	73	Map Index: 83427	EO Index:	84446	Element Last Seen:	2010-06-29
Occ. Rank:	Excellent	·	Presence:	Presumed Extant	Site Last Seen:	2010-06-29
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2011-08-02
Quad Summary:	Lanes Bridg	e (3611987)			-	
County Summary:	Madera					
Lat/Long:	36.94770 / -	119 79007		Accuracy:	specific area	
UTM:		092708 E251552		Elevation (ft):	405	
PLSS:		, Sec. 28, NE (M)		Acres:	5.0	
Location:				E AND 0.2 AIR MI EAST OF HI		
Detailed Location:	AND O. INA		DIGITAL DAT	SOCIATE IN 2010 O'LEARY FII A ACCOMPANIES THESE FIEL		
Ecological:		CLEISTOGAMUM, PSILOC		LOOMING ASSOCIATED SPEC VISSIMUS, ELEOCHARIS MAC		
General:	FOR CREA		NCEMENT OF	RING THE DRY SEASON OF 20 VERNAL POOLS. O'LEARY NO		
Owner/Manager:	a a					
owner/wanager:	CALTRANS					
Occurrence No.	CALTRANS	Map Index: 83428	EO Index:	84447	Element Last Seen:	2010-05-25
			EO Index: Presence:	84447 Presumed Extant	Element Last Seen: Site Last Seen:	2010-05-25 2010-05-25
Occurrence No.	74 Good					
Occurrence No. Occ. Rank:	74 Good Natural/Natio	Map Index: 83428	Presence:	Presumed Extant	Site Last Seen:	2010-05-25
Occurrence No. Occ. Rank: Occ. Type:	74 Good Natural/Natio	Map Index: 83428	Presence:	Presumed Extant	Site Last Seen:	2010-05-25
Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	74 Good Natural/Nati Little Table I	Map Index: 83428 ve occurrence Mtn. (3711917)	Presence:	Presumed Extant	Site Last Seen:	2010-05-25
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	74 Good Natural/Natir Little Table I Madera 37.06069 / -	Map Index: 83428 ve occurrence Mtn. (3711917)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2010-05-25
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	74 Good Natural/Natir Little Table I Madera 37.06069 / - Zone-11 N4	Map Index: 83428 ve occurrence Mtn. (3711917) 119.76921	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: specific area	2010-05-25
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	74 Good Natural/Natir Little Table I Madera 37.06069 / - Zone-11 N4 T10S, R20E	Map Index: 83428 ve occurrence Mtn. (3711917) 119.76921 105193 E253775	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 630	2010-05-25
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	74 Good Natural/Natir Little Table I Madera 37.06069 / - Zone-11 N4 T10S, R20E OFF OF HIC	Map Index: 83428 ve occurrence Mtn. (3711917) 119.76921 105193 E253775 5, Sec. 15, SE (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: TWO MILE HOUSE.	Site Last Seen: Record Last Updated: specific area 630	2010-05-25
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	74 Good Natural/Natir Little Table I Madera 37.06069 / - Zone-11 N4 T10S, R20E OFF OF HIC MAPPED B/ VERNAL PC LYTHRUM H	Map Index: 83428 ve occurrence Mtn. (3711917) 119.76921 105193 E253775 5, Sec. 15, SE (M) GHWAY 41, ABOUT 1.6 MI N ASED ON 2010 CALTRANS DOLS & DRAINAGE SWALE	Presence: Trend: NE OF TWENTY DIGITAL DATA S IN AN ANNU IPSIA DANTHO	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: TWO MILE HOUSE.	Site Last Seen: Record Last Updated: specific area 630 5.0	2010-05-25 2011-08-02
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	74 Good Natural/Natir Little Table I Madera 37.06069 / - Zone-11 N4 T10S, R20E OFF OF HIC MAPPED B/ VERNAL PC LYTHRUM H HORDEUM	Map Index: 83428 ve occurrence Mtn. (3711917) 119.76921 105193 E253775 5, Sec. 15, SE (M) GHWAY 41, ABOUT 1.6 MI N ASED ON 2010 CALTRANS DOLS & DRAINAGE SWALE HYSSOPIFOLIA, DESCHAM MURINUM GUSSONEANUM	Presence: Trend: NE OF TWENTY DIGITAL DATA S IN AN ANNU IPSIA DANTHO M, ETC.	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: /TWO MILE HOUSE.	Site Last Seen: Record Last Updated: specific area 630 5.0 ASSOCIATED SPECIES INCL EVISSIMUS, ACHYRACHAEN	2010-05-25 2011-08-02 UDED NA MOLLIS,



California Department of Fish and Wildlife

California Natural Diversity Database



Element Code: PDAST1P040

Calycadenia hooveri

Hoover's calycad						
Listing Status:	Federal:	None		CNDDB Element Ranks	s: Global: G2	
	State:	None			State: S2	
	Other:	Rare Plant Rank - 1B.3, BL	M_S-Sensitive			
Habitat:	General:	CISMONTANE WOODLAN	ID, VALLEY AND	FOOTHILL GRASSLAND.		
	Micro:	ON EXPOSED, ROCKY, B	ARREN SOIL. 6	0-260 M.		
Occurrence No.	44	Map Index: A5453	EO Index:	107183	Element Last Seen:	2007-05-23
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2007-05-23
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2017-07-20
Quad Summary:	Lanes Brid	dge (3611987)				
County Summary:	Madera					
Lat/Long:	36.96968	/ -119.76717		Accuracy:	3/5 mile	
UTM:	Zone-11 N	I4095088 E253664		Elevation (ft):		
PLSS:	T11S, R20	DE, Sec. 15 (M)		Acres:	776.0	
Location:	LOWER S 15.	LOPES OF LITTLE TABLE M	IOUNTAIN, ABO	UT 1.5 MILES EAST OF INTERSE	ECTION OF HIGHWAY 41 A	ND AVENUE
Detailed Location:	EXACT LO	DCATION UNKNOWN, MAPF	PED BY CNDDB	AS A BEST GUESS.		
Ecological:		G IN CRACKS AND THIN SO , AND HYPOCHAERIS GLAB		ITCROPS WITH BROMUS HORD	EACEUS, B. DIANDRUS, V	ULPIA
General:	SITE IS B	ASED ON 2007 KRAMER PH	IOTOS IN CALPI	HOTOS.		
Owner/Manager:	UNKNOW	N				



California Department of Fish and Wildlife

California Natural Diversity Database



Lagophylla dic forked hare-leaf	hotoma					Element Code: PD	DAST5J070
Listing Status:	Federal:	None		CND	DB Element Ranks	s: Global: G2	
	State:	None				State: S2	
	Other:	Rare Plant Rank - 1B.1					
Habitat:	General:	CISMONTANE WOODLAN	D, VALLEY AND	FOOTHILL GI	RASSLAND.		
	Micro:	SOMETIMES CLAY. 190-33	35 M.				
Occurrence No.	12	Map Index: 85752	EO Index:	86780		Element Last Seen:	2010-04-10
Occ. Rank:	Unknown		Presence:	Presumed Ex	xtant	Site Last Seen:	2010-04-10
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown		Record Last Updated	d: 2012-04-18
Quad Summary:	Round Mo	ountain (3611975)					
County Summary:	Fresno						
Lat/Long:	36.82364	/ -119.51214			Accuracy:	1/10 mile	
UTM:	Zone-11 N	4078253 E275944			Elevation (ft):	630	
PLSS:	T13S, R23	3E, Sec. 06, SW (M)			Acres:	0.0	
Location:	NORTH S	LOPE OF ROUND MOUNTAI	IN, 7.5 MILES W	EST OF PIED	RA.		
Detailed Location:	MAPPED	BY CNDDB AROUND COOR	DINATES IN A 2	010 BALDWIN	I PERSONAL COMI	MUNICATION.	
Ecological:	HARD-BA	KED SOIL NEAR TOP OF NO	ORTH SLOPE.				
General:	SITE. A 1	WERE "SCARCE" AT SITE IN 946 CARTER COLLECTION F TED TO THIS OCCURRENCE	FROM NEAR TO				
Owner/Manager:	UNKNOW	'N					
Pseudobahia b	ahiifolia					Element Code: PD	DAST7P010
Hartweg's golder	n sunburst						
Listing Status:	Federal:	Endangered		CND	DB Element Ranks	s: Global: G2	
	State:	Endangered				State: S2	
	Other:	Rare Plant Rank - 1B.1, SB	_RSABG-Ranch	o Santa Ana B	otanic Garden		
Habitat:	General:	VALLEY AND FOOTHILL G	RASSLAND, CI	SMONTANE W	VOODLAND.		
	Micro:	CLAY SOILS, OFTEN ACIE	DIC. PREDOMIN	ANTLY ON TH	E NORTHERN SLC	OPES OF KNOLLS, BUT	ALSO ALONG

SHADY CREEKS OR NEAR VERNAL POOLS. 60-170 M.



California Department of Fish and Wildlife



Occurrence No.	1 Map Index: 14795	EO Index:	7949	Element Last Seen:	1980-04-03
Occ. Rank:	None	Presence:	Possibly Extirpated	Site Last Seen:	2010-XX-XX
Осс. Туре:	Natural/Native occurrence	Trend:	Decreasing	Record Last Updated:	2011-04-15
Quad Summary:	Friant (3611986), Millerton Lake West (3	3711916)			
County Summary:	Madera				
Lat/Long:	37.00073 / -119.73601		Accuracy:	specific area	
UTM:	Zone-11 N4098453 E256536		Elevation (ft):	500	
PLSS:	T11S, R20E, Sec. 01, SE (M)		Acres:	10.0	
Location:	JUNCTION OF ROAD 206 & ROAD 205	; BOTH SIDES	OF ROAD 205, ABOUT 1.6 AIR	MILES WEST OF FRIANT DA	M.
Detailed Location:	TWO COLONIES MAPPED ACCORDIN	IG TO 1991 MAI	PS BY STEBBINS.		
Ecological:	VALLEY GRASSLAND ASSOCIATED W	VITH ERODIUM	, BROMUS, BRODIAEA, AND A	VENA.	
General:	S POLY: SEEN IN 1970S. N POLY: <10 SOME POTENTIAL REMAINS FOR SPI INCLUDES FORMER OCCURRENCE #	ECIES TO BE P			
Owner/Manager:	PVT				
Owner/Manager: Occurrence No.	21 Map Index: 14849	EO Index:	7948	Element Last Seen:	2010-04-22
		EO Index: Presence:	7948 Presumed Extant	Element Last Seen: Site Last Seen:	2010-04-22 2010-04-22
Occurrence No.	21 Map Index: 14849				
Occurrence No. Occ. Rank:	21 Map Index: 14849 Good	Presence:	Presumed Extant	Site Last Seen:	2010-04-22
Occurrence No. Occ. Rank: Occ. Type:	21 Map Index: 14849 Good Natural/Native occurrence	Presence:	Presumed Extant	Site Last Seen:	2010-04-22
Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	21 Map Index: 14849 Good Natural/Native occurrence Friant (3611986)	Presence:	Presumed Extant	Site Last Seen:	2010-04-22
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	21 Map Index: 14849 Good Natural/Native occurrence Friant (3611986) Fresno	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2010-04-22
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	21 Map Index : 14849 Good Natural/Native occurrence Friant (3611986) Fresno 36.98760 / -119.70578	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: specific area	2010-04-22
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	21 Map Index: 14849 Good Natural/Native occurrence Friant (3611986) Fresno 36.98760 / -119.70578 Zone-11 N4096919 E259186	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 450 64.0	2010-04-22
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	21 Map Index: 14849 Good	Presence: Trend: SOUTH OF FRIA	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: NT DAM, JUST EAST AND SOL POLYGONS. NORTHERN POLY	Site Last Seen: Record Last Updated: specific area 450 64.0 JTH OF TOWN OF FRIANT.	2010-04-22 2011-04-15
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	21 Map Index: 14849 Good	Presence: Trend: OUTH OF FRIA PPED AS TWO F MILE TO SOUT VALLEY GRAS RITIMA, BROMU	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: NT DAM, JUST EAST AND SOL POLYGONS. NORTHERN POLY H. SSLAND AND VERNAL POOLS I	Site Last Seen: Record Last Updated: specific area 450 64.0 JTH OF TOWN OF FRIANT. GON IS AROUND FRIANT W N ROCKLIN LOAM SOIL. AS	2010-04-22 2011-04-15 //ATER TANK. SOCIATED
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	21 Map Index: 14849 Good Natural/Native occurrence Friant (3611986) Fresno 36.98760 / -119.70578 Zone-11 N4096919 E259186 T11S, R21E, Sec. 08, W (M) FROM ABOUT 0.5 TO 1.5 AIR MILES S WEST OF FRIANT-KERN CANAL. MAP SOUTHERN POLYGON IS ABOUT 1/2 ON TOPS OF ROLLING LOW HILLS IN WITH BROMUS RUBENS, MUILLA MARK	Presence: Trend: OUTH OF FRIA PPED AS TWO F MILE TO SOUT VALLEY GRAS RITIMA, BROMU JCA. DW PRECIP), 20	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: NT DAM, JUST EAST AND SOL POLYGONS. NORTHERN POLY H. SSLAND AND VERNAL POOLS II US MOLLIS, VULPIA MYUROS, 2000 IN 1989, 800 IN 1990, <2500	Site Last Seen: Record Last Updated: specific area 450 64.0 JTH OF TOWN OF FRIANT. GON IS AROUND FRIANT W N ROCKLIN LOAM SOIL. ASS ERODIUM BOTYRS, LUPINU	2010-04-22 2011-04-15 ATER TANK. SOCIATED JS BICOLOR, KNOWN



California Department of Fish and Wildlife



Occurrence No.	23	Map Index: 14857	EO Index:	7946		Element Last Seen:	2009-XX-XX
Occ. Rank:	Good		Presence:	Presumed Ex	tant	Site Last Seen:	2009-XX-XX
Осс. Туре:	Natural/Nat	ive occurrence	Trend:	Unknown		Record Last Updated:	2011-04-25
Quad Summary:	Friant (3611	1986)					
County Summary:	Fresno						
Lat/Long:	36.97137 / -	-119.70634			Accuracy:	specific area	
UTM:	Zone-11 N4	095119 E259085			Elevation (ft):	460	
PLSS:	T11S, R21E	E, Sec. 17, SW (M)			Acres:	16.5	
Location:	ABOUT ON	E AIR MILE SSE OF TOWN	OF FRIANT, 0.	5 MILE WEST	OF THE FRIANT-	KERN CANAL.	
Detailed Location:	TWO COLC	NIES MAPPED ACCORDING	G TO A 1984 M	IAP BY STEBB	INS.		
Ecological:	BROMUS F	OW ROLLING HILLS INTER: RUBENS, BROMUS MOLLIS, RIS VAR. SUCCULENTUS GI	MUILLA MARI	TIMA, AMSINC			-
General:	BETWEEN	S OBSERVED IN 1990, 2500 THIS EO AND EO #21 IN 199 TED AT SITE BETWEEN 200	95. PLANTS NO				
Owner/Manager:	PVT						
Occurrence No.	24	Map Index: 22190	EO Index:	7945		Element Last Seen:	2009-XX-XX
Occ. Rank:	Good		Presence:	Presumed Ex	tant	Site Last Seen:	2009-XX-XX
Осс. Туре:	Natural/Nat	ive occurrence	Trend:	Unknown		Record Last Updated:	2011-04-25
Quad Summary:	Friant (3611	1986)					
County Summary:	Fresno						
Lat/Long:	36.97115 / -	-119.71578			Accuracy:	80 meters	
UTM:	Zone-11 N4	095119 E258243			Elevation (ft):	440	
PLSS:	T11S, R21E	E, Sec. 18, SE (M)			Acres:	0.0	
Location:	APPROXIM	IATELY 1 MILE SOUTH OF F	RIANT, 0.6 MII	LE EAST OF G	RAVEL PIT.		
Detailed Location:	NEAR THE	CENTER OF THE SE 1/4 OF	SECTION 18.				
Ecological:		ON ROCKLIN VOLCANIC SO MUS RUBENS, MUILLA MAR				A MOUND TOPOGRAPHY.	ASSOCIATED
General:	2500 OBSE ASSOCIAT	RVED IN 1992 BETWEEN TI ES CONDUCTED SURVEYS NG 2010). SITE NOT ACCES	HIS OCCURRE AND DOCUMI	ENCE AND OCO	CURRENCE #21 &		



California Department of Fish and Wildlife



Occurrence No.	25	Map Index: 22861	EO Index:	7944	Element Last Seen:	2010-04-22
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2010-04-22
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2011-04-29
Quad Summary:	Friant (36	11986), Millerton Lake West ((3711916)			
County Summary:	Madera		. ,			
Lat/Long:	37.00676	/ -119.72646		Accuracy:	specific area	
UTM:	Zone-11 N	4099098 E257405		Elevation (ft):	450	
PLSS:	T11S, R21	1E, Sec. 06, W (M)		Acres:	66.0	
Location:	EAST SID	E OF ROAD 206, FROM AB	OUT 1 TO 2 AIR	MILES NORTHWEST OF COMM	IUNITY OF FRIANT.	
Detailed Location:				TO MAPS FROM 1991, 2008, AN GON: LARGE COLONY OF 7 SU		
Ecological:	RUBENS,		MSINCKIA INTE	N UPPER SLOPE OF ROAD BAN RMEDIA, THYSANOCARPUS CI		
General:	DESPITE			V 2010. 2 MIDDLE POLYS: 16,00 >10,000 IN 2004, 1,000S IN 2008		
Owner/Manager:	PVT					
Pseudobahia p	eirsonii				Element Code: PDAS	ST7P030
San Joaquin ado						
Listing Status:	Federal	Threatened		CNDDB Element Ran		
	r cucrui.	Inteatened			ks: Global: G1	
-	State:	Endangered			State: S1	
		Endangered	3_RSABG-Ranch	o Santa Ana Botanic Garden		
Habitat:	State:	Endangered Rare Plant Rank - 1B.1, SE	_			
-	State: Other:	Endangered Rare Plant Rank - 1B.1, SE VALLEY AND FOOTHILL (GRASSLAND, CI	no Santa Ana Botanic Garden	State: S1	
Habitat:	State: Other: General:	Endangered Rare Plant Rank - 1B.1, SE VALLEY AND FOOTHILL (GRASSLAND, CI	no Santa Ana Botanic Garden SMONTANE WOODLAND.	State: S1	1994-04-09
Habitat: Dccurrence No.	State: Other: General: Micro:	Endangered Rare Plant Rank - 1B.1, SE VALLEY AND FOOTHILL C GRASSY VALLEY FLOOR	GRASSLAND, CI	no Santa Ana Botanic Garden SMONTANE WOODLAND. 3 FOOTHILLS IN HEAVY CLAY S	State: S1	1994-04-09 2010-03-24
Habitat: Occurrence No. Occ. Rank:	State: Other: General: Micro: 15 Poor	Endangered Rare Plant Rank - 1B.1, SE VALLEY AND FOOTHILL C GRASSY VALLEY FLOOR	GRASSLAND, CI S AND ROLLING EO Index:	oo Santa Ana Botanic Garden SMONTANE WOODLAND. G FOOTHILLS IN HEAVY CLAY S 16859	State: S1 SOIL. 115-795 M. Element Last Seen:	
Habitat: Occurrence No. Occ. Rank: Occ. Type:	State: Other: General: Micro: 15 Poor Natural/Na	Endangered Rare Plant Rank - 1B.1, SE VALLEY AND FOOTHILL C GRASSY VALLEY FLOOR Map Index: 15138	GRASSLAND, CI S AND ROLLING EO Index: Presence:	no Santa Ana Botanic Garden SMONTANE WOODLAND. G FOOTHILLS IN HEAVY CLAY S 16859 Presumed Extant	State: S1 SOIL. 115-795 M. Element Last Seen: Site Last Seen:	2010-03-24
Habitat: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary:	State: Other: General: Micro: 15 Poor Natural/Na	Endangered Rare Plant Rank - 1B.1, SE VALLEY AND FOOTHILL C GRASSY VALLEY FLOOR Map Index: 15138	GRASSLAND, CI S AND ROLLING EO Index: Presence:	no Santa Ana Botanic Garden SMONTANE WOODLAND. G FOOTHILLS IN HEAVY CLAY S 16859 Presumed Extant	State: S1 SOIL. 115-795 M. Element Last Seen: Site Last Seen:	2010-03-24
Habitat: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary:	State: Other: General: Micro: 15 Poor Natural/Na Round Mo Fresno	Endangered Rare Plant Rank - 1B.1, SE VALLEY AND FOOTHILL C GRASSY VALLEY FLOOR Map Index: 15138	GRASSLAND, CI S AND ROLLING EO Index: Presence:	no Santa Ana Botanic Garden SMONTANE WOODLAND. 6 FOOTHILLS IN HEAVY CLAY S 16859 Presumed Extant Decreasing	State: S1 SOIL. 115-795 M. Element Last Seen: Site Last Seen:	2010-03-24
Habitat: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long:	State: Other: General: Micro: 15 Poor Natural/Na Round Mo Fresno 36.85300	Endangered Rare Plant Rank - 1B.1, SE VALLEY AND FOOTHILL (GRASSY VALLEY FLOOR Map Index: 15138 ative occurrence puntain (3611975)	GRASSLAND, CI S AND ROLLING EO Index: Presence:	no Santa Ana Botanic Garden SMONTANE WOODLAND. G FOOTHILLS IN HEAVY CLAY S 16859 Presumed Extant	State: S1 SOIL. 115-795 M. Element Last Seen: Site Last Seen: Record Last Updated:	2010-03-24
Habitat: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM:	State: Other: General: Micro: 15 Poor Natural/Na Round Mo Fresno 36.85300 Zone-11 N	Endangered Rare Plant Rank - 1B.1, SE VALLEY AND FOOTHILL (GRASSY VALLEY FLOOR Map Index: 15138 ative occurrence puntain (3611975)	GRASSLAND, CI S AND ROLLING EO Index: Presence:	AD Santa Ana Botanic Garden SMONTANE WOODLAND. B FOOTHILLS IN HEAVY CLAY S 16859 Presumed Extant Decreasing Accuracy:	State: S1 SOIL. 115-795 M. Element Last Seen: Site Last Seen: Record Last Updated: 80 meters	2010-03-24
Habitat: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS:	State: Other: General: Micro: 15 Poor Natural/Na Round Mo Fresno 36.85300 Zone-11 N T12S, R22 EAST SID	Endangered Rare Plant Rank - 1B.1, SE VALLEY AND FOOTHILL (GRASSY VALLEY FLOOR Map Index: 15138 ative occurrence puntain (3611975) / -119.55646 V4081616 E272077 2E, Sec. 27, SE (M)	GRASSLAND, CI S AND ROLLING EO Index: Presence: Trend:	A Curracy: Elevation (ft): Barbon Ana Botanic Garden SMONTANE WOODLAND. B FOOTHILLS IN HEAVY CLAY S 16859 Presumed Extant Decreasing	State: S1 SOIL. 115-795 M. Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 470 0.0	2010-03-24 2017-03-27
Habitat: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS: Location:	State: Other: General: Micro: 15 Poor Natural/Na Round Mo Fresno 36.85300 Zone-11 N T12S, R22 EAST SID FRIANT-K	Endangered Rare Plant Rank - 1B.1, SE VALLEY AND FOOTHILL (GRASSY VALLEY FLOOR Map Index: 15138 ative occurrence puntain (3611975) / -119.55646 44081616 E272077 2E, Sec. 27, SE (M) E OF ACADEMY AVE, 0.9 M GEN CANAL.	GRASSLAND, CI S AND ROLLING EO Index: Presence: Trend:	Accuracy: Elevation (ft): Acres:	State: S1 SOIL. 115-795 M. Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 470 0.0	2010-03-24 2017-03-27 JUST N OF
Habitat: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location:	State: Other: General: Micro: 15 Poor Natural/Na Round Mo Fresno 36.85300 Zone-11 N T12S, R22 EAST SID FRIANT-K LOCATED IN WET H	Endangered Rare Plant Rank - 1B.1, SE VALLEY AND FOOTHILL (GRASSY VALLEY FLOOR Map Index: 15138 ative occurrence puntain (3611975) / -119.55646 44081616 E272077 2E, Sec. 27, SE (M) DE OF ACADEMY AVE, 0.9 M CERN CANAL. D IN SW 1/4 OF SE 1/4 OF SI JEAVY CENTERVILLE CLAY	II SOUTH OF JU ECTION 27, JUS SOIL. ASSOCIA	A CCURACY: A CCURACY: A CCURACY: A CCURACY: A CCURACY: A CCURACY: A CCURACY: A CRES: NCTION WITH SHEPHERD AVE	State: S1 SOIL. 115-795 M. Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 470 0.0 3, 3.4 MI NORTH OF SHAW; S D NORTH OF ROAD TOWAR BRASSICA KABER, LUPINUS	2010-03-24 2017-03-27 JUST N OF
-	State: Other: General: Micro: 15 Poor Natural/Na Round Mo Fresno 36.85300 Zone-11 N T12S, R22 EAST SID FRIANT-K LOCATED IN WET H ACHYRAO LARGEST 1994. NOI	Endangered Rare Plant Rank - 1B.1, SE VALLEY AND FOOTHILL (GRASSY VALLEY FLOOR Map Index: 15138 ative occurrence ountain (3611975) / -119.55646 44081616 E272077 2E, Sec. 27, SE (M) E OF ACADEMY AVE, 0.9 M CERN CANAL. D IN SW 1/4 OF SE 1/4 OF SI EAVY CENTERVILLE CLAY CHAENA MOLLIS, AMSINCK F POPULATION SEEN IN 197	II SOUTH OF JU SOIL ASSOCIA SOIL ASSOCIA SOIL ASSOCIA	Accuracy: Elevation (ft): Acres: NCTION WITH SHEPHERD AVE T EAST OF ACADEMY AVE ANI TES INCLUDE AVENA FATUA, F	State: S1 SOIL. 115-795 M. Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 470 0.0 3, 3.4 MI NORTH OF SHAW; & D NORTH OF ROAD TOWAR BRASSICA KABER, LUPINUS RVEY. 350 PLANTS SEEN IN	2010-03-24 2017-03-27 JUST N OF DS WELL. S BICOLOR, N 1990, 100 If



California Department of Fish and Wildlife



Occurrence No.	16 Map Inde	x: 15216	EO Index:	7950		Element Last Seen:	2010-04-04
Occ. Rank:	Good		Presence:	Presumed E	xtant	Site Last Seen:	2010-04-04
Occ. Type:	Natural/Native occurrenc	e	Trend:	Fluctuating		Record Last Updated:	2017-04-03
Quad Summary:	Round Mountain (361197	75)		j			
County Summary:	Fresno	5)					
					•		
Lat/Long:	36.82331 / -119.52210				Accuracy:	specific area	
UTM:	Zone-11 N4078241 E275				Elevation (ft):	475	
PLSS:	T13S, R22E, Sec. 01, SE	: (M)			Acres:	27.0	
Location:	APPROXIMATELY 0.7 N	IILE WNW OF R	OUND MOUN	TAIN SUMMIT	AND 0.5 MILE EA	ST OF FRIANT-KERN CANA	L.
Detailed Location:		G DIGITAL DATA				IAPPED BY CNDDB ACCOR WINCHELL PHOTO FROM F	
Ecological:		LIS, BRASSICA P				RVILLE CLAY SOILS. ASSO M NITIDUM, AND THE RARE	
General:						TELY 300 IN 2008, 2500-500 IER CREEK RESERVOIR PF	
Owner/Manager:	FRESNO FLOOD CONT	ROL DISTRICT					
Occurrence No.	30 Map Inde	ex: 22186	EO Index:	16864		Element Last Seen:	1990-04-04
Occ. Rank:	Fair		Presence:	Presumed E	xtant	Site Last Seen:	2010-XX-XX
Осс. Туре:	Natural/Native occurrenc	e	Trend:	Decreasing		Record Last Updated:	2011-04-29
Quad Summary:	Round Mountain (361197	75)					
County Summary:	Fresno						
Lat/Long:	36.82843 / -119.50980				Accuracy:	80 meters	
UTM:	Zone-11 N4078779 E276	6166			Elevation (ft):	495	
PLSS:	T13S, R23E, Sec. 06, SE	E (M)			Acres:	0.0	
Location:	ROUND MOUNTAIN, 1 K	(M (0.7 MI) NOR	TH OF SUMM	IT (ELEVATIO	N 869).		
Detailed Location:	WITHIN THE NW 1/4 OF	THE SE 1/4 OF	SECTION 6.				
Ecological:						DRINUM, AMSINCKIA INTER RUBENS, AND SENECIO VU	
General:		CONDIDTIONS	S; AREA HEAV			ERE SMALLER THAN PRIOI H FIELD VISITS. NO PLANTS	
Owner/Manager:	PVT						



California Department of Fish and Wildlife



Occurrence No.	31 Map Index: 22189	EO Index:	16860	Element Last Seen:	2010-03-31
Occ. Rank:	Fair	Presence:	Presumed Extant	Site Last Seen:	2010-03-31
Осс. Туре:	Natural/Native occurrence	Trend:	Decreasing	Record Last Updated:	2011-05-09
Quad Summary:	Round Mountain (3611975)				
County Summary:	Fresno				
Lat/Long:	36.80002 / -119.59661		Accuracy:	specific area	
UTM:	Zone-11 N4075834 E268337		Elevation (ft):	390	
PLSS:	T13S, R22E, Sec. 17, SE (M)		Acres:	5.0	
Location:	QUAIL LAKES DEVELOPMENT; BET	WEEN ASHLAN A	AVENUE AND SHAW AVENUE,	JUST NORTH OF REDBANK	SLOUGH.
Detailed Location:	MAPPED BY CNDDB ACCORDING T FURTHER TO THE E BUT THIS ARE. SITE WAS MAPPED TOO FAR TO E	A IS NOW DEVEL			
Ecological:	GROWING ON CENTERVILLE CLAY GLABRA, EVAX CAULESCENS, CEN ACHYRACHAENA MOLLIS, LOTUS V	TAUREA MELITE	ENSIS, SCANDEX PECTEN-VEN		
General:	~5000 PLANTS OVER 3 ACRES IN 19 LAKES. BY 2009, DEVELOPMENT H/ PRESERVE". 200-300 PLANTS IN 20	AS PROGRESSE			
Owner/Manager:	PVT				
Occurrence No.	36 Map Index: 30079	EO Index:	12731	Element Last Seen:	2008-03-27
Occurrence No. Occ. Rank:	36 Map Index: 30079 Fair	EO Index: Presence:	12731 Presumed Extant	Element Last Seen: Site Last Seen:	2008-03-27 2008-03-27
	•				
Occ. Rank:	Fair	Presence:	Presumed Extant	Site Last Seen:	2008-03-27
Occ. Rank: Occ. Type:	Fair Natural/Native occurrence	Presence:	Presumed Extant	Site Last Seen:	2008-03-27
Occ. Rank: Occ. Type: Quad Summary:	Fair Natural/Native occurrence Round Mountain (3611975)	Presence:	Presumed Extant	Site Last Seen:	2008-03-27
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Fair Natural/Native occurrence Round Mountain (3611975) Fresno	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2008-03-27
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Fair Natural/Native occurrence Round Mountain (3611975) Fresno 36.83134 / -119.54259	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: specific area	2008-03-27
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	FairNatural/Native occurrenceRound Mountain (3611975)Fresno36.83134 / -119.54259Zone-11 N4079180 E273249	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 450 9.0	2008-03-27 2011-05-04
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Fair Natural/Native occurrence Round Mountain (3611975) Fresno 36.83134 / -119.54259 Zone-11 N4079180 E273249 T13S, R22E, Sec. 02, NE (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: SOUTH OF HERNDON AVE. 0.7	Site Last Seen: Record Last Updated: specific area 450 9.0	2008-03-27 2011-05-04
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	FairNatural/Native occurrenceRound Mountain (3611975)Fresno36.83134 / -119.54259Zone-11 N4079180 E273249T13S, R22E, Sec. 02, NE (M)WEST SIDE OF FRIANT-KERN CANA	Presence: Trend: AL, 0.1-0.6 MILE S ACCORDING TO LORUM, LEPIDIU	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: SOUTH OF HERNDON AVE. 0.7- MAPS PROVIDED. JM NITIDUM, VICIA VILLOSA, LU	Site Last Seen: Record Last Updated: specific area 450 9.0 -1.0 MILE EAST OF ACADEN	2008-03-27 2011-05-04
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Fair Natural/Native occurrence Round Mountain (3611975) Fresno 36.83134 / -119.54259 Zone-11 N4079180 E273249 T13S, R22E, Sec. 02, NE (M) WEST SIDE OF FRIANT-KERN CANA 3 POLYGONS MAPPED BY CNDDB A GRASSLAND WITH LOLIUM MULTIF	Presence: Trend: AL, 0.1-0.6 MILE S ACCORDING TO LORUM, LEPIDIU MOLLIS, PLAGI EASTERN POLYO	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: SOUTH OF HERNDON AVE. 0.7- MAPS PROVIDED. JM NITIDUM, VICIA VILLOSA, LU OBOTHRYS FULVUS.	Site Last Seen: Record Last Updated: specific area 450 9.0 -1.0 MILE EAST OF ACADEM JPINUS BICOLOR, TRIFOLIU	2008-03-27 2011-05-04



California Natural Diversity Database



Element Code: PDBOR0A190

Cryptantha hooveri

Hoover's cryptant	tha					
Listing Status:	Federal:	None		CNDDB Element Ran	ks: Global: GH	
	State:	None			State: SH	
	Other:	Rare Plant Rank - 1A				
Habitat:	General:	VALLEY AND FOOTHILL (GRASSLAND, IN	LAND DUNES.		
	Micro:	IN COARSE SAND. 50-365	5 M.			
Occurrence No.	5	Map Index: 32802	EO Index:	105877	Element Last Seen:	1935-05-01
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1935-05-01
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2017-04-10
Quad Summary: County Summary:	Madera			17), O'Neals (3711926), Knowles	(3711927)	
1 - (1)	07 4000 4	440 70740		A	·····	
0		/ -119.73748		Accuracy:	nonspecific area	
UTM:	Zone-11 N	N4109788 E256732		Elevation (ft):	1200	
UTM:		N4109788 E256732			·	
UTM: PLSS:	Zone-11 N T09S, R20	N4109788 E256732	GE.	Elevation (ft):	1200	
UTM: PLSS: Location:	Zone-11 N T09S, R20 SAN JOA EXACT L0	V4109788 E256732 OE (M) QUIN EXPERIMENTAL RANG	PED BY CNDDB	Elevation (ft): Acres:	1200 4550.6	MENTAL
UTM: PLSS:	Zone-11 N T09S, R20 SAN JOA EXACT L0 RANGE. E	N4109788 E256732 DE (M) QUIN EXPERIMENTAL RANG OCATION UNKNOWN. MAPP ELEVATION ON COLLECTIO	PED BY CNDDB	Elevation (ft): Acres:	1200 4550.6 THE SAN JOAQUIN EXPERI	MENTAL
	Zone-11 N T09S, R20 SAN JOA EXACT L0 RANGE. E GRANITIO SITE BAS ANNOTA	N4109788 E256732 DE (M) QUIN EXPERIMENTAL RANG OCATION UNKNOWN. MAPP ELEVATION ON COLLECTIO C SAND. WOODLAND WITH SED ON A 1935 BISWELL CC	PED BY CNDDB IN LABEL IS 120 LINANTHUS FIL DLLECTION; MEN ITHOR OF C. HC	Elevation (ft): Acres: NON-SPECIFICALLY AROUND 0 FEET.	1200 4550.6 THE SAN JOAQUIN EXPERI RA. LOCAL ON DRY SLOPE. CTION APPEARS TO HAVE	BEEN



California Natural Diversity Database



Element Code: PDBRA2R010

Tropidocarpum capparideum

Federal:	None		CNDDB Element Ran	iks: Global: G1	
State:	None			State: S1	
Other:	Rare Plant Rank - 1B.1, SE	_RSABG-Ranch	o Santa Ana Botanic Garden, U	SFS_S-Sensitive	
General:	VALLEY AND FOOTHILL (GRASSLAND.			
Micro:	ALKALINE CLAY. 0-360 M				
22	Map Index: 46277	EO Index:	64783	Element Last Seen:	1930-04-12
Unknown		Presence:	Presumed Extant	Site Last Seen:	1930-04-12
Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2006-05-19
Malaga (3	611966), Fresno South (3611	967), Clovis (361	11976), Fresno North (3611977)		
Fresno					
36.77388	/ -119.77951		Accuracy:	5 miles	
	N4073392 E251931		Elevation (ft):		
Zone-11 N	N4073392 E231931				
	0E, Sec. 27 (M)		Acres:	0.0	
	0E, Sec. 27 (M)		Acres:	0.0	
T13S, R20 FRESNO. EXACT L0	0E, Sec. 27 (M) OCATION UNKNOWN. MAPF	-	Acres:	FRESNO, MAKING THE ASSL	-
T13S, R20 FRESNO. EXACT L0	0E, Sec. 27 (M) OCATION UNKNOWN. MAPF	-	CENTERED ON THE CITY OF I	FRESNO, MAKING THE ASSL	-
T13S, R20 FRESNO. EXACT L0 THAT TH	0E, Sec. 27 (M) OCATION UNKNOWN. MAPF E SITE DESCRIPTION WAS	REFERRING TO	CENTERED ON THE CITY OF I	FRESNO, MAKING THE ASSU TO THE COUNTY OF FRESNO	D .
	State: Other: General: Micro: 22 Unknown Natural/Na Malaga (3 Fresno	State: None Other: Rare Plant Rank - 1B.1, SE General: VALLEY AND FOOTHILL O Micro: ALKALINE CLAY. 0-360 M 22 Map Index: 46277 Unknown Natural/Native occurrence Malaga (3611966), Fresno South (3611)	State: None Other: Rare Plant Rank - 1B.1, SB_RSABG-Ranch General: VALLEY AND FOOTHILL GRASSLAND. Micro: ALKALINE CLAY. 0-360 M. 22 Map Index: 46277 EO Index: Unknown Presence: Natural/Native occurrence Trend: Malaga (3611966), Fresno South (3611967), Clovis (3611977)	State: None Other: Rare Plant Rank - 1B.1, SB_RSABG-Rancho Santa Ana Botanic Garden, U. General: VALLEY AND FOOTHILL GRASSLAND. Micro: ALKALINE CLAY. 0-360 M. 22 Map Index: 46277 EO Index: 64783 Unknown Presence: Presumed Extant Natural/Native occurrence Trend: Unknown Malaga (3611966), Fresno South (3611967), Clovis (3611976), Fresno North (3611977) Fresno	State:NoneState:S1State:NoneState:S1Other:Rare Plant Rank - 1B.1, SB_RSABG-Rancho Santa Ana Botanic Garden, USFS_S-SensitiveGeneral:VALLEY AND FOOTHILL GRASSLAND.Micro:ALKALINE CLAY. 0-360 M.22Map Index:46277EO Index:64783Element Last Seen:UnknownPresence:Presence:Presumed ExtantSite Last Seen:Natural/Native occurrenceTrend:UnknownRecord Last Updated:Malaga (3611966), Fresno South (3611977), Clovis (3611977), Fresno North (3611977)Fresno

Caulanthus cal California jewelflo						Eleme	nt Code: PDBF	RA31010
Listing Status:	Federal:	Endangered		CNDD	B Element Ranks	: Global:	G1	
C C	State:	Endangered				State:	S1	
	Other:	Rare Plant Rank - 1B.1						
Habitat:	General:	CHENOPOD SCRUB, VAL	LEY AND FOOT	HILL GRASSLA	ND, PINYON AND	JUNIPER W	/OODLAND.	
	Micro:	SANDY SOILS. 65-1860 M						
Occurrence No.	38	Map Index: 46277	EO Index:	63230		Element	Last Seen:	XXXX-XX-XX
Occ. Rank:	None		Presence:	Extirpated		Site Last	Seen:	1986-XX-XX
Осс. Туре:	Natural/N	ative occurrence	Trend:	Unknown		Record L	ast Updated:	2016-04-18
Quad Summary:	Malaga (3	3611966), Fresno South (3611	967), Clovis (361	11976), Fresno N	Jorth (3611977)			
County Summary:	Fresno							
Lat/Long:	36.77388	/ -119.77951			Accuracy:	5 miles		
UTM:	Zone-11 I	N4073392 E251931		I	Elevation (ft):			
PLSS:	T13S, R2	0E, Sec. 27 (M)			Acres:	0.0		
Location:	FRESNO							
Detailed Location:	EXACT L	OCATION UNKNOWN, MAPF	PED IN THE GEN	IERAL VICINITY	OF FRESNO.			
Ecological:								
General:		ASED ON AN UNDATED DA REMAINS IN VICINITY OF F				LATE 1890'	S OR EARLY 1	900'S. NO
Owner/Manager:	UNKNOV	/N						





Downingia pus dwarf downingia	illa					Element Code:	PDCAM060C0
Listing Status:	Federal:	None		CNE	DB Element Ran	ks: Global: GU	
	State:	None				State: S2	
	Other:	Rare Plant Rank - 2B.2					
Habitat:	General:	VALLEY AND FOOTHILL (GRASSLAND (MI	ESIC SITES),	VERNAL POOLS.		
	Micro:	VERNAL LAKE AND POOI 1-490 M.	L MARGINS WIT	H A VARIETY	OF ASSOCIATES	. IN SEVERAL TYPES C	F VERNAL POOLS
Occurrence No.	120	Map Index: 62482	EO Index:	62519		Element Last Seen	: 1979-04-26
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	1979-04-26
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown		Record Last Updat	ed: 2005-09-06
Quad Summary:	Friant (361	11986)					
County Summary:	Fresno						
Lat/Long:	36.92310	/ -119.70977			Accuracy:	nonspecific area	
UTM:	Zone-11 N	4089772 E258626			Elevation (ft):	300	
PLSS:	T12S, R21	1E, Sec. 05, NW (M)			Acres:	35.0	
Location:	AUBERRY	Y ROAD, CIRCA 2 MILES NO	ORTH OF COPPE	R ROAD, ON	THE EAST SIDE (OF THE ROAD.	
		ALONG AUBERRY ROAD A					
Detailed Location:	MAPPED	ALONG AUDERRY ROAD A	PPROXIMATELY	Z WILES NO		ROAD BT CINDDB.	
Detailed Location: Ecological:		POOLS WITH MIMULUS TRI	-			ROAD BT CINDDB.	
	VERNAL F	POOLS WITH MIMULUS TRI URCE OF INFORMATION FO	COLOR AND PS	ILOCARPHUS	S TENELLA. CTION BY TANOW		OUNTY FOR THIS
Ecological:	VERNAL F	POOLS WITH MIMULUS TRI URCE OF INFORMATION FO AND IS THE SOUTHERNMO	COLOR AND PS	ILOCARPHUS	S TENELLA. CTION BY TANOW		DUNTY FOR THIS
Ecological: General: Owner/Manager: Atriplex cordula heartscale	VERNAL F ONLY SO SPECIES UNKNOW	POOLS WITH MIMULUS TRI URCE OF INFORMATION FO AND IS THE SOUTHERNMO	COLOR AND PS	ILOCARPHUS 1979 COLLE ICE MAPPED	S TENELLA. CTION BY TANOW BY CNDDB.	VITZ. THIS IS A NEW CO	
Ecological: General: Owner/Manager: <i>Atriplex cordul</i>	VERNAL F ONLY SO SPECIES UNKNOW	POOLS WITH MIMULUS TRI URCE OF INFORMATION FO AND IS THE SOUTHERNMO N Drdulata None	COLOR AND PS	ILOCARPHUS 1979 COLLE ICE MAPPED	S TENELLA. CTION BY TANOW BY CNDDB.	VITZ. THIS IS A NEW CO Element Code: 1 ks: Global: G3T2	
Ecological: General: Owner/Manager: Atriplex cordula heartscale	VERNAL F ONLY SO SPECIES UNKNOW ata var. co Federal: State:	POOLS WITH MIMULUS TRI URCE OF INFORMATION FO AND IS THE SOUTHERNMO N Prdulata None None	COLOR AND PS OR THIS SITE IS DST OCCURREN	ILOCARPHUS 1979 COLLE ICE MAPPED	S TENELLA. CTION BY TANOW BY CNDDB.	VITZ. THIS IS A NEW CO	
Ecological: General: Owner/Manager: Atriplex cordula heartscale Listing Status:	VERNAL F ONLY SO SPECIES UNKNOW ata var. co Federal: State: Other:	POOLS WITH MIMULUS TRI URCE OF INFORMATION FO AND IS THE SOUTHERNMO No Drdulata None None Rare Plant Rank - 1B.2, BL	COLOR AND PS OR THIS SITE IS DST OCCURREN	ILOCARPHUS 1979 COLLEI ICE MAPPED	S TENELLA. CTION BY TANOW BY CNDDB.	VITZ. THIS IS A NEW CO Element Code: 1 ks: Global: G3T2 State: S2	
Ecological: General: Owner/Manager: Atriplex cordula heartscale	VERNAL F ONLY SO SPECIES UNKNOW ata var. co Federal: State:	POOLS WITH MIMULUS TRI URCE OF INFORMATION FO AND IS THE SOUTHERNMO None None Rare Plant Rank - 1B.2, BL CHENOPOD SCRUB, VAL	COLOR AND PS OR THIS SITE IS DST OCCURREN .M_S-Sensitive .LEY AND FOOT	ILOCARPHUS 1979 COLLEI ICE MAPPED	S TENELLA. CTION BY TANOW BY CNDDB. DDB Element Rank	VITZ. THIS IS A NEW CO Element Code: 1 ks: Global: G3T2 State: S2 AND SEEPS.	
Ecological: General: Owner/Manager: Atriplex cordula heartscale Listing Status:	VERNAL F ONLY SO SPECIES UNKNOW ata var. co Federal: State: Other: General:	POOLS WITH MIMULUS TRI URCE OF INFORMATION FO AND IS THE SOUTHERNMO None Rare Plant Rank - 1B.2, BL CHENOPOD SCRUB, VAL ALKALINE FLATS AND SC	COLOR AND PS OR THIS SITE IS DST OCCURREN .M_S-Sensitive .LEY AND FOOT	ILOCARPHUS 1979 COLLEI ICE MAPPED	S TENELLA. CTION BY TANOW BY CNDDB. DDB Element Rank	VITZ. THIS IS A NEW CO Element Code: 1 ks: Global: G3T2 State: S2 AND SEEPS.	PDCHE040B0
Ecological: General: Owner/Manager: Atriplex cordula heartscale Listing Status: Habitat: Occurrence No.	VERNAL F ONLY SO SPECIES UNKNOW ata var. co Federal: State: Other: General: Micro: 29	POOLS WITH MIMULUS TRI URCE OF INFORMATION FO AND IS THE SOUTHERNMO None None Rare Plant Rank - 1B.2, BL CHENOPOD SCRUB, VAL	COLOR AND PS OR THIS SITE IS DST OCCURREN 	HILL GRASSL ENTRAL VALI	S TENELLA. CTION BY TANOW BY CNDDB. DDB Element Rank	VITZ. THIS IS A NEW CO Element Code: 1 ks: Global: G3T2 State: S2 AND SEEPS. .S. 3-275 M. Element Last Seen	PDCHE040B0 : 1937-07-29
Ecological: General: Owner/Manager: Atriplex cordula heartscale Listing Status: Habitat: Occurrence No. Occ. Rank:	VERNAL F ONLY SO SPECIES UNKNOW ata var. co Federal: State: Other: General: Micro: 29 None	POOLS WITH MIMULUS TRI URCE OF INFORMATION FO AND IS THE SOUTHERNMO None Rare Plant Rank - 1B.2, BL CHENOPOD SCRUB, VAL ALKALINE FLATS AND SC	COLOR AND PS OR THIS SITE IS DST OCCURREN .M_S-Sensitive .LEY AND FOOT CALDS IN THE C	HILL GRASSL	S TENELLA. CTION BY TANOW BY CNDDB. DDB Element Rank	VITZ. THIS IS A NEW CO Element Code: 1 ks: Global: G3T2 State: S2 AND SEEPS. .S. 3-275 M.	PDCHE040B0 : 1937-07-29 2009-09-02
Ecological: General: Owner/Manager: Atriplex cordula heartscale Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type:	VERNAL F ONLY SO SPECIES UNKNOW ata var. co Federal: State: Other: General: Micro: 29 None Natural/Na	POOLS WITH MIMULUS TRI URCE OF INFORMATION FO AND IS THE SOUTHERNMO None None Rare Plant Rank - 1B.2, BL CHENOPOD SCRUB, VAL ALKALINE FLATS AND SC Map Index: 14246	COLOR AND PS OR THIS SITE IS DST OCCURREN .M_S-Sensitive .LEY AND FOOT CALDS IN THE C EO Index: Presence:	HILL GRASSL ENTRAL VALI 6078 Extirpated	S TENELLA. CTION BY TANOW BY CNDDB. DDB Element Rank	VITZ. THIS IS A NEW CO Element Code: 1 ks: Global: G3T2 State: S2 AND SEEPS. .S. 3-275 M. Element Last Seen Site Last Seen:	PDCHE040B0 : 1937-07-29 2009-09-02
Ecological: General: Owner/Manager: Atriplex cordula heartscale Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	VERNAL F ONLY SO SPECIES UNKNOW ata var. co Federal: State: Other: General: Micro: 29 None	POOLS WITH MIMULUS TRI URCE OF INFORMATION FO AND IS THE SOUTHERNMO None None Rare Plant Rank - 1B.2, BL CHENOPOD SCRUB, VAL ALKALINE FLATS AND SC Map Index: 14246	COLOR AND PS OR THIS SITE IS DST OCCURREN .M_S-Sensitive .LEY AND FOOT CALDS IN THE C EO Index: Presence:	HILL GRASSL ENTRAL VALI 6078 Extirpated	S TENELLA. CTION BY TANOW BY CNDDB. DDB Element Rank	VITZ. THIS IS A NEW CO Element Code: 1 ks: Global: G3T2 State: S2 AND SEEPS. .S. 3-275 M. Element Last Seen Site Last Seen:	PDCHE040B0 : 1937-07-29 2009-09-02
Ecological: General: Owner/Manager: Atriplex cordula heartscale Listing Status: Habitat: Occurrence No. Occ. Rank:	VERNAL F ONLY SO SPECIES UNKNOW ata var. co Federal: State: Other: General: Micro: 29 None Natural/Na Kerman (3 Fresno	POOLS WITH MIMULUS TRI URCE OF INFORMATION FO AND IS THE SOUTHERNMO None None Rare Plant Rank - 1B.2, BL CHENOPOD SCRUB, VAL ALKALINE FLATS AND SC Map Index: 14246	COLOR AND PS OR THIS SITE IS DST OCCURREN .M_S-Sensitive .LEY AND FOOT CALDS IN THE C EO Index: Presence:	HILL GRASSL ENTRAL VALI 6078 Extirpated	S TENELLA. CTION BY TANOW BY CNDDB. DDB Element Rank	VITZ. THIS IS A NEW CO Element Code: 1 ks: Global: G3T2 State: S2 AND SEEPS. .S. 3-275 M. Element Last Seen Site Last Seen:	PDCHE040B0 : 1937-07-29 2009-09-02
Ecological: General: Owner/Manager: Atriplex cordula heartscale Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	VERNAL F ONLY SO SPECIES UNKNOW ata var. co Federal: State: Other: General: Micro: 29 None Natural/Na Kerman (3 Fresno 36.63993 /	POOLS WITH MIMULUS TRI URCE OF INFORMATION FO AND IS THE SOUTHERNMO None None Rare Plant Rank - 1B.2, BL CHENOPOD SCRUB, VAL ALKALINE FLATS AND SC Map Index: 14246 ative occurrence 3612061)	COLOR AND PS OR THIS SITE IS DST OCCURREN .M_S-Sensitive .LEY AND FOOT CALDS IN THE C EO Index: Presence:	HILL GRASSL ENTRAL VALI 6078 Extirpated	S TENELLA. CTION BY TANOW BY CNDDB. DDB Element Ran AND, MEADOWS LEY, SANDY SOIL	VITZ. THIS IS A NEW CO Element Code: 1 ks: Global: G3T2 State: S2 AND SEEPS. .S. 3-275 M. Element Last Seen: Site Last Seen: Record Last Updat	PDCHE040B0 : 1937-07-29 2009-09-02
Ecological: General: Owner/Manager: Atriplex cordula heartscale Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	VERNAL F ONLY SO SPECIES UNKNOW ata var. co Federal: State: Other: General: Micro: 29 None Natural/Na Kerman (3 Fresno 36.63993 / Zone-10 N	POOLS WITH MIMULUS TRI URCE OF INFORMATION FO AND IS THE SOUTHERNMO None None Rare Plant Rank - 1B.2, BL CHENOPOD SCRUB, VAL ALKALINE FLATS AND SC Map Index: 14246 ative occurrence 3612061) / -120.06182	COLOR AND PS OR THIS SITE IS DST OCCURREN .M_S-Sensitive .LEY AND FOOT CALDS IN THE C EO Index: Presence:	HILL GRASSL ENTRAL VALI 6078 Extirpated	S TENELLA. CTION BY TANOW BY CNDDB. DDB Element Ran AND, MEADOWS LEY, SANDY SOIL	VITZ. THIS IS A NEW CO Element Code: 1 ks: Global: G3T2 State: S2 AND SEEPS. .S. 3-275 M. Element Last Seen: Site Last Seen: Record Last Updat 1 mile	PDCHE040B0 : 1937-07-29 2009-09-02
Ecological: General: Owner/Manager: Atriplex cordula heartscale Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	VERNAL F ONLY SO SPECIES UNKNOW ata var. co Federal: State: Other: General: Micro: 29 None Natural/Na Kerman (3 Fresno 36.63993, Zone-10 N T15S, R17	POOLS WITH MIMULUS TRI URCE OF INFORMATION FO AND IS THE SOUTHERNMO None None Rare Plant Rank - 1B.2, BL CHENOPOD SCRUB, VAL ALKALINE FLATS AND SC Map Index: 14246 ative occurrence 3612061) / -120.06182 44058951 E762688	COLOR AND PS OR THIS SITE IS DST OCCURREN .M_S-Sensitive .LEY AND FOOT CALDS IN THE C EO Index: Presence:	HILL GRASSL ENTRAL VALI 6078 Extirpated	Accuracy: Elevation (ft):	VITZ. THIS IS A NEW CO Element Code: 1 ks: Global: G3T2 State: S2 AND SEEPS. .S. 3-275 M. Element Last Seen: Site Last Seen: Record Last Updat	PDCHE040B0 : 1937-07-29 2009-09-02
Ecological: General: Owner/Manager: Atriplex cordula heartscale Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	VERNAL F ONLY SO SPECIES UNKNOW ata var. co Federal: State: Other: General: Micro: 29 None Natural/Na Kerman (3 Fresno 36.63993 Zone-10 N T15S, R17 6 MILES S	POOLS WITH MIMULUS TRI URCE OF INFORMATION FO AND IS THE SOUTHERNMO None None Rare Plant Rank - 1B.2, BL CHENOPOD SCRUB, VAL ALKALINE FLATS AND SC Map Index: 14246 ative occurrence 3612061) / -120.06182 14058951 E762688 7E, Sec. 12 (M)	COLOR AND PS OR THIS SITE IS DIST OCCURREN .M_S-Sensitive .LEY AND FOOT CALDS IN THE C EO Index: Presence: Trend:	ILOCARPHUS 1979 COLLEG ICE MAPPED HILL GRASSL ENTRAL VALI 6078 Extirpated Unknown	S TENELLA. CTION BY TANOW BY CNDDB. DDB Element Ran AND, MEADOWS LEY, SANDY SOIL Accuracy: Elevation (ft): Acres:	VITZ. THIS IS A NEW CO Element Code: 1 ks: Global: G3T2 State: S2 AND SEEPS. .S. 3-275 M. Element Last Seen: Record Last Updat 1 mile 200 0.0	PDCHE040B0 : 1937-07-29 2009-09-02
Ecological: General: Owner/Manager: Atriplex cordula heartscale Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	VERNAL F ONLY SO SPECIES UNKNOW ata var. co Federal: State: Other: General: Micro: 29 None Natural/Na Kerman (3 Fresno 36.63993 Zone-10 N T15S, R17 6 MILES S	POOLS WITH MIMULUS TRI URCE OF INFORMATION FO AND IS THE SOUTHERNMO None None Rare Plant Rank - 1B.2, BL CHENOPOD SCRUB, VAL ALKALINE FLATS AND SC Map Index: 14246 ative occurrence 3612061) / -120.06182 14058951 E762688 7E, Sec. 12 (M) SOUTH OF KERMAN.	COLOR AND PS OR THIS SITE IS DIST OCCURREN .M_S-Sensitive .LEY AND FOOT CALDS IN THE C EO Index: Presence: Trend:	ILOCARPHUS 1979 COLLEG ICE MAPPED HILL GRASSL ENTRAL VALI 6078 Extirpated Unknown	S TENELLA. CTION BY TANOW BY CNDDB. DDB Element Ran AND, MEADOWS LEY, SANDY SOIL Accuracy: Elevation (ft): Acres:	VITZ. THIS IS A NEW CO Element Code: 1 ks: Global: G3T2 State: S2 AND SEEPS. .S. 3-275 M. Element Last Seen: Record Last Updat 1 mile 200 0.0	PDCHE040B0 : 1937-07-29 2009-09-02
Ecological: General: Owner/Manager: Atriplex cordula heartscale Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	VERNAL F ONLY SO SPECIES UNKNOW ata var. co Federal: State: Other: General: Micro: 29 None Natural/Na Kerman (3 Fresno 36.63993 Zone-10 N T15S, R17 6 MILES S MAPPED	POOLS WITH MIMULUS TRI URCE OF INFORMATION FO AND IS THE SOUTHERNMO None None Rare Plant Rank - 1B.2, BL CHENOPOD SCRUB, VAL ALKALINE FLATS AND SC Map Index: 14246 ative occurrence 3612061) / -120.06182 14058951 E762688 7E, Sec. 12 (M) SOUTH OF KERMAN.	COLOR AND PS OR THIS SITE IS DIST OCCURREN .M_S-Sensitive .LEY AND FOOT CALDS IN THE C EO Index: Presence: Trend:	HILL GRASSL ENTRAL VALI 6078 Extirpated Unknown	Accuracy: Elevation (ft): Acres:	VITZ. THIS IS A NEW CO Element Code: 1 ks: Global: G3T2 State: S2 AND SEEPS. .S. 3-275 M. Element Last Seen: Record Last Updat 1 mile 200 0.0	PDCHE040B0 : 1937-07-29 2009-09-02





Atriplex minuse	cula					Elemer	nt Code: PDC	HE042M0
	Federal:	None		CNI	DDB Element Ranks	s: Global:	G2	
	State:	None		0.11		State:	S2	
	Other:	Rare Plant Rank - 1B.1				0.000		
Habitat:	General:	CHENOPOD SCRUB, PLA	YAS, VALLEY A	ND FOOTHILI	GRASSI AND.			
	Micro:	IN ALKALI SINK AND GRA	-					
Occurrence No.	22	Map Index: 14497	EO Index:	56441		Element I	Last Seen:	1937-05-27
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last	Seen:	1937-05-27
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown		Record L	ast Updated:	2004-08-18
Quad Summary:	Raisin (36	11958)						
County Summary:	Fresno							
Lat/Long:	36.60022 /	-119.89904			Accuracy:	1 mile		
UTM:	Zone-11 N	4054438 E240678			Elevation (ft):			
01101.					Acres:	0.0		
PLSS:	T15S, R19	E, Sec. 28 (M)						
-	T15S, R19 RAISIN CI							
PLSS:	RAISIN CI		PED AS BEST G	JESS BY CNE		N RAISIN CIT	۲.	
PLSS: Location:	RAISIN CI	TY.	PED AS BEST G	JESS BY CNE	DDB CENTERED ON	N RAISIN CIT	Υ.	
PLSS: Location: Detailed Location:	RAISIN CI EXACT LC ORIGINAL	TY. DCATION UNKNOWN. MAPF	LEX DEPRESSA	BY HOOVER.	. IDENTIFIED BY PF	RESTON TO	BE A. MINISCU	JLA IN 2003
PLSS: Location: Detailed Location: Ecological:	RAISIN CI EXACT LC ORIGINAL	TY. DCATION UNKNOWN. MAPF LY COLLECTED AS ATRIPI DTATED BY ZACHARIAS AS	LEX DEPRESSA	BY HOOVER.	. IDENTIFIED BY PF	RESTON TO	BE A. MINISCU	JLA IN 2003
PLSS: Location: Detailed Location: Ecological: General:	RAISIN CI EXACT LC ORIGINAL AND ANNO	TY. DCATION UNKNOWN. MAPF LY COLLECTED AS ATRIPI DTATED BY ZACHARIAS AS	LEX DEPRESSA	BY HOOVER.	. IDENTIFIED BY PF	RESTON TO SA OCCURRE	BE A. MINISCU	JLA IN 2003 1948-08-24
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager:	RAISIN CI EXACT LC ORIGINAL AND ANNO UNKNOWI	TY. DCATION UNKNOWN. MAPP LY COLLECTED AS ATRIPI DTATED BY ZACHARIAS AS	LEX DEPRESSA S A. MINUSCUL/	BY HOOVER A IN 2010. FOI	. IDENTIFIED BY PF RMER A. DEPRESS	RESTON TO SA OCCURRE	BE A. MINISCU ENCE #17. Last Seen:	
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No.	RAISIN CI EXACT LC ORIGINAL AND ANNO UNKNOWI 23 Unknown	TY. DCATION UNKNOWN. MAPP LY COLLECTED AS ATRIPI DTATED BY ZACHARIAS AS	LEX DEPRESSA S A. MINUSCULA EO Index:	BY HOOVER A IN 2010. FOI	. IDENTIFIED BY PF RMER A. DEPRESS	RESTON TO GA OCCURRE Element I Site Last	BE A. MINISCU ENCE #17. Last Seen:	1948-08-24
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	RAISIN CI EXACT LC ORIGINAL AND ANNO UNKNOWI 23 Unknown	TY. DCATION UNKNOWN. MAPP LY COLLECTED AS ATRIPI DTATED BY ZACHARIAS AS N Map Index: 56426 tive occurrence	LEX DEPRESSA S A. MINUSCUL/ EO Index: Presence:	BY HOOVER A IN 2010. FOI 56442 Presumed E	. IDENTIFIED BY PF RMER A. DEPRESS	RESTON TO GA OCCURRE Element I Site Last	BE A. MINISCU ENCE #17. Last Seen: Seen:	1948-08-24 1948-08-24
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	RAISIN CI EXACT LC ORIGINAL AND ANNO UNKNOWI 23 Unknown Natural/Na	TY. DCATION UNKNOWN. MAPP LY COLLECTED AS ATRIPI DTATED BY ZACHARIAS AS N Map Index: 56426 tive occurrence	LEX DEPRESSA S A. MINUSCUL/ EO Index: Presence:	BY HOOVER A IN 2010. FOI 56442 Presumed E	. IDENTIFIED BY PF RMER A. DEPRESS	RESTON TO GA OCCURRE Element I Site Last	BE A. MINISCU ENCE #17. Last Seen: Seen:	1948-08-24 1948-08-24
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	RAISIN CI EXACT LC ORIGINAL AND ANNO UNKNOWI 23 Unknown Natural/Na Kerman (3 Fresno	TY. DCATION UNKNOWN. MAPP LY COLLECTED AS ATRIPI DTATED BY ZACHARIAS AS N Map Index: 56426 tive occurrence	LEX DEPRESSA S A. MINUSCUL/ EO Index: Presence:	BY HOOVER A IN 2010. FOI 56442 Presumed E	. IDENTIFIED BY PF RMER A. DEPRESS	RESTON TO GA OCCURRE Element I Site Last	BE A. MINISCU ENCE #17. Last Seen: Seen: ast Updated:	1948-08-24 1948-08-24
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	RAISIN CI EXACT LC ORIGINAL AND ANNO UNKNOWI 23 Unknown Natural/Na Kerman (3 Fresno 36.69577 /	TY. DCATION UNKNOWN. MAPP LY COLLECTED AS ATRIPI DTATED BY ZACHARIAS AS N Map Index: 56426 tive occurrence 612061)	LEX DEPRESSA S A. MINUSCUL/ EO Index: Presence:	BY HOOVER A IN 2010. FOI 56442 Presumed E	. IDENTIFIED BY PF RMER A. DEPRESS	Element I Site Last Record L	BE A. MINISCU ENCE #17. Last Seen: Seen: ast Updated:	1948-08-24 1948-08-24
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	RAISIN CI EXACT LC ORIGINAL AND ANNO UNKNOWI 23 Unknown Natural/Na Kerman (3 Fresno 36.69577 / Zone-10 N	TY. DCATION UNKNOWN. MAPP LY COLLECTED AS ATRIPI DTATED BY ZACHARIAS AS N Map Index: 56426 tive occurrence 612061)	LEX DEPRESSA S A. MINUSCUL/ EO Index: Presence:	BY HOOVER A IN 2010. FOI 56442 Presumed E	. IDENTIFIED BY PF RMER A. DEPRESS Extant Accuracy:	Element I Site Last Record L	BE A. MINISCU ENCE #17. Last Seen: Seen: ast Updated:	1948-08-24 1948-08-24
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	RAISIN CI EXACT LC ORIGINAL AND ANNO UNKNOWI 23 Unknown Natural/Na Kerman (3 Fresno 36.69577 / Zone-10 N T14S, R18	TY. DCATION UNKNOWN. MAPP LY COLLECTED AS ATRIPI DTATED BY ZACHARIAS AS N Map Index: 56426 tive occurrence 612061) 7-120.06023 4065153 E762640	LEX DEPRESSA S A. MINUSCUL/ EO Index: Presence:	BY HOOVER A IN 2010. FOI 56442 Presumed E	LIDENTIFIED BY PF RMER A. DEPRESS Extant Accuracy: Elevation (ft):	Element I Site Last Record L	BE A. MINISCU ENCE #17. Last Seen: Seen: ast Updated:	1948-08-24 1948-08-24
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	RAISIN CI EXACT LC ORIGINAL AND ANNO UNKNOWI 23 Unknown Natural/Na Kerman (3 Fresno 36.69577 / Zone-10 N T14S, R18 ABOUT 2 I	TY. DCATION UNKNOWN. MAPP LY COLLECTED AS ATRIPI DTATED BY ZACHARIAS AS N Map Index: 56426 tive occurrence 612061) 7-120.06023 4065153 E762640 E, Sec. 19, NW (M)	LEX DEPRESSA S A. MINUSCULA EO Index: Presence: Trend:	BY HOOVER A IN 2010. FOI 56442 Presumed E Unknown	Accuracy: Elevation (ft): Acres:	Element I Site Last Record L nonspecific 200 122.2	BE A. MINISCU ENCE #17. Last Seen: Seen: ast Updated: area	1948-08-24 1948-08-24
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	RAISIN CI EXACT LC ORIGINAL AND ANNO UNKNOWI 23 Unknown Natural/Na Kerman (3 Fresno 36.69577 / Zone-10 N T14S, R18 ABOUT 2 I MAPPED R	TY. DCATION UNKNOWN. MAPP LY COLLECTED AS ATRIPL DTATED BY ZACHARIAS AS N Map Index: 56426 tive occurrence 612061) 7-120.06023 4065153 E762640 E, Sec. 19, NW (M) MILES S OF KERMAN.	LEX DEPRESSA S A. MINUSCUL/ EO Index: Presence: Trend:	BY HOOVER A IN 2010. FOI 56442 Presumed E Unknown	Accuracy: Elevation (ft): Acres:	Element I Site Last Record L nonspecific 200 122.2	BE A. MINISCU ENCE #17. Last Seen: Seen: ast Updated: area	1948-08-24 1948-08-24
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	RAISIN CI EXACT LC ORIGINAL AND ANNO UNKNOWI 23 Unknown Natural/Na Kerman (3) Fresno 36.69577 / Zone-10 N T14S, R18 ABOUT 2 I MAPPED I SEMI-ALK ONLY SOU IDENTIFIE	TY. DCATION UNKNOWN. MAPP LY COLLECTED AS ATRIPI DTATED BY ZACHARIAS AS N Map Index: 56426 tive occurrence 612061) 7-120.06023 4065153 E762640 E, Sec. 19, NW (M) MILES S OF KERMAN. BY CNDDB APPROXIMATEI	LEX DEPRESSA S A. MINUSCULA EO Index: Presence: Trend: LY 1.2-3.8 MILES SSLANDS. S A 1948 NOBS 8	BY HOOVER A IN 2010. FOI 56442 Presumed E Unknown	Accuracy: Elevation (ft): Acres: AN ALONG MADER	Element I Site Last Record L nonspecific 200 122.2 A AVENUE (S	BE A. MINISCU ENCE #17. Last Seen: Seen: ast Updated: area SR-145).	1948-08-24 1948-08-24 2004-08-18



California Natural Diversity Database



Element Code: PDFAB2B103

Lupinus citrinus var. citrinus

•							
orange lupine							
Listing Status:	Federal:	None		CNDDB Element R	anks: Global	: G2T2	
	State:	None			State:	S2	
	Other:	Rare Plant Rank - 1B.2, BL	M_S-Sensitive, l	JSFS_S-Sensitive			
Habitat:	General:	CHAPARRAL, CISMONTA	NE WOODLAND	, LOWER MONTANE CONIFE	EROUS FORES	т.	
	Micro:	ROCKY, DECOMPOSED G 1770 M.	GRANITIC OUTC	ROPS, USUALLY OPEN ARE	EAS, ON FLAT 1	TO ROLLING TE	RRAIN. 380-
Occurrence No.	67	Map Index: 64649	EO Index:	64728	Elemen	t Last Seen:	2003-05-19
Occ. Rank:	Excellent		Presence:	Presumed Extant	Site Las	st Seen:	2003-05-19
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record	Last Updated:	2006-05-09
Quad Summary:	Little Table	e Mtn. (3711917)					
County Summary:	Madera						
Lat/Long:	37.08499	/ -119.76168		Accuracy:	80 meters		
UTM:	Zone-11 N	l4107870 E254523		Elevation (ft)	: 2950		
PLSS:	T10S, R20	DE, Sec. 02, SW (M)		Acres:	0.0		
Location:	ABOUT 3.	3 AIR MI NNE OF TWENTYT	WO MILE HOUS	SE AND 0.4 MILE SOUTH OF	SHAUBACH R	ANCH.	
Detailed Location:				SECTION OF HIGHWAY 41 A /2 OF THE SW 1/4 OF SECTI		ABOUT 0.25 MI	LE WEST OF
Ecological:				CROPS. ASSOCIATED WITH MEMBRANACEA, AND BRO			IUS, LUPINUS
General:	300+ PLA	NTS SEEN IN 2003. OCCUR	RENCE FIRST F	OUND IN 1998.			
Owner/Manager:	PVT						





Eriastrum hoov Hoover's eriastru						Element Code: PDPL	_M03070
Listing Status:	Federal:	Delisted		CNI	DDB Element Ranks	s: Global: G3	
J J	State:	None				State: S3	
	Other:	Rare Plant Rank - 4.2, SB	PSARC Pancha	Santa Ana Br	tanic Cardon		
liebitet.			-				
Habitat:	General:	CHENOPOD SCRUB, VAL					
	Micro:	915 M.	ED ALKALINE A	LLUVIAL FAN	IS; ALSO IN THE TE	MBLOR RANGE ON SAND	Y SUILS. 50-
Occurrence No.	7	Map Index: 14249	EO Index:	18406		Element Last Seen:	1979-08-01
Occ. Rank:	None		Presence:	Extirpated		Site Last Seen:	1979-08-01
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown		Record Last Updated:	2007-12-19
Quad Summary:	Kerman (3	612061)					
County Summary:	Fresno						
Lat/Long:	36.65398 /	/ -120.06106			Accuracy:	nonspecific area	
UTM:	Zone-10 N	4060512 E762708			Elevation (ft):	200	
PLSS:	T15S, R17	'E, Sec. 01, E (M)			Acres:	69.0	
Location:	4.7 MI S C	F KERMAN RR STATION A	LONG HWY 145	(MADERA AV	′E).		
Detailed Location:	MAPPED	ALONG MADERA AVENUE	ABOUT 4.7 MI S	OUTH OF KE	RMAN.		
Ecological:	ON SLIGH	IT HUMMOCKS (WHERE LE	ESS ALKALINE) I	N ALKALINE I	PLAIN.		
General:	NEEDS FI	ELDWORK.	,				
Owner/Manager:	PVT						
Occurrence No.	8	Map Index: 14497	EO Index:	7076		Element Last Seen:	1937-05-27
Occ. Rank:	None		Presence:	Extirpated		Site Last Seen:	1986-XX-XX
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown		Record Last Updated:	1996-01-11
Quad Summary:	Raisin (36	11958)					
County Summary:	Fresno						
Lat/Long:	36.60022 /	/ -119.89904			Accuracy:	1 mile	
UTM:	Zone-11 N	4054438 E240678			Elevation (ft):	235	
PLSS:	T15S, R19	9E, Sec. 28 (M)			Acres:	0.0	
Location:	RAISIN CI	TY.					
Detailed Location:							
Ecological:							
General:							
Owner/Manager:	PVT						
Leptosiphon se	errulatus					Element Code: PDPL	_M09130
Madera leptosiph							
	Federal:	None		CNI	DDB Element Ranks		
Madera leptosiph		None		CNI	DDB Element Ranks	s: Global: G3 State: S3	
Madera leptosiph	Federal:	None Rare Plant Rank - 1B.2, U	_	-			
Madera leptosiph	Federal: State:	None	_	-			



California Department of Fish and Wildlife

California Natural Diversity Database



Occurrence No.	7	Map Index: 74656	EO Index:	3956		Element Last Seen:	1935-04-20
Occ. Rank:	Unknown		Presence:	Presumed Ex	tant	Site Last Seen:	1935-04-20
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2009-04-20
Quad Summary:	Millerton Lak	ke West (3711916)					
County Summary:	Madera						
.at/Long:	37.09044 / -1	119.73030			Accuracy:	1 mile	
JTM:	Zone-11 N41	108394 E257331			Elevation (ft):	1050	
PLSS:	T10S, R21E,	, Sec. 06 (M)			Acres:	0.0	
ocation:	SAN JOAQU	JIN EXPERIMENTAL RANG	GE.				
etailed Location:		CATION UNKNOWN. MAPP				E AREA OF THE SAN JOAQU	JIN
cological:							
eneral:	ONLY SOUR		A 1935 COLLEC	CTION BY JOH	NSON. ACCORD	ING TO JOHNSON, FAIRLY	COMMON.
)wner/Manager:	UNKNOWN	-DWORK.					
ccurrence No.	8	Map Index: 30839	EO Index:	3955		Element Last Seen:	1961-04-30
cc. Rank:	Unknown	-	Presence:	Presumed Ex	tant	Site Last Seen:	1961-04-30
сс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	1995-03-21
uad Summary:	Millerton Lak	ke West (3711916)					
county Summary:	Fresno, Mad	lera					
at/Long:	37.02249 / -1	119.63292			Accuracy:	1/5 mile	
TM:	Zone-11 N41	100609 E265779			Elevation (ft):	600	
LSS:	T10S, R21E,	, Sec. 36, NW (M)			Acres:	0.0	
ocation:	BIG BEND, N	NORTH SHORE OF MILLE	RTON LAKE.				
etailed Location:							
		RAL COLONIES OF ARIST	FOLOCHIA.				
cological:	WITH SEVE						
-		RCE OF INFORMATION IS	A 1961 COLLEC	CTION BY BAC	IGALUPI. NEEDS	S FIELDWORK.	
eneral:			A 1961 COLLEC	CTION BY BAC	IGALUPI. NEEDS	FIELDWORK.	
eneral:)wner/Manager:	ONLY SOUR		A 1961 COLLEC	CTION BY BAC	IGALUPI. NEEDS	FIELDWORK.	1967-04-22
eeneral: wwner/Manager: bccurrence No.	ONLY SOUR UNKNOWN	RCE OF INFORMATION IS					1967-04-22 1967-04-22
General: Owner/Manager: Occurrence No. Occ. Rank:	ONLY SOUR UNKNOWN 9 Unknown	RCE OF INFORMATION IS	EO Index:	3954		Element Last Seen:	
General: Downer/Manager: Doccurrence No. Docc. Rank: Docc. Type:	ONLY SOUR UNKNOWN 9 Unknown Natural/Nativ	RCE OF INFORMATION IS	EO Index: Presence: Trend:	3954 Presumed Ex		Element Last Seen: Site Last Seen:	1967-04-22
Seneral: Decurrence No. Decc. Rank: Decc. Type: Duad Summary:	ONLY SOUR UNKNOWN 9 Unknown Natural/Nativ	RCE OF INFORMATION IS Map Index: 30838 ve occurrence	EO Index: Presence: Trend:	3954 Presumed Ex		Element Last Seen: Site Last Seen:	1967-04-22
General: Decurrence No. Decc. Rank: Decc. Type: Ruad Summary: Sounty Summary:	ONLY SOUR UNKNOWN 9 Unknown Natural/Nativ Friant (36119	RCE OF INFORMATION IS Map Index: 30838 ve occurrence 986), Millerton Lake West (3	EO Index: Presence: Trend:	3954 Presumed Ex		Element Last Seen: Site Last Seen:	1967-04-22
eeneral: owner/Manager: occurrence No. occ. Rank: occ. Type: duad Summary: county Summary: at/Long:	ONLY SOUR UNKNOWN 9 Unknown Natural/Nativ Friant (36119 Fresno 37.00344 / -1	RCE OF INFORMATION IS Map Index: 30838 ve occurrence 986), Millerton Lake West (3	EO Index: Presence: Trend:	3954 Presumed Ex	tant	Element Last Seen: Site Last Seen: Record Last Updated:	1967-04-22
eneral: owner/Manager: occurrence No. occ. Rank: occ. Type: uad Summary: county Summary: at/Long: TM:	ONLY SOUR UNKNOWN 9 Unknown Natural/Nativ Friant (36119 Fresno 37.00344 / -1 Zone-11 N40	RCE OF INFORMATION IS Map Index: 30838 ve occurrence 986), Millerton Lake West (3 119.67156	EO Index: Presence: Trend:	3954 Presumed Ex	tant Accuracy:	Element Last Seen: Site Last Seen: Record Last Updated: 2/5 mile	1967-04-22
eneral: www.er/Manager: bccurrence No. bcc. Rank: bcc. Type: county Summary: county Summary: at/Long: TM: LSS:	ONLY SOUR UNKNOWN 9 Unknown Natural/Nativ Friant (36119 Fresno 37.00344 / -1 Zone-11 N40 T11S, R21E,	RCE OF INFORMATION IS Map Index: 30838 ve occurrence 986), Millerton Lake West (3 119.67156 098591 E262281	EO Index: Presence: Trend: 3711916)	3954 Presumed Ex	ttant Accuracy: Elevation (ft):	Element Last Seen: Site Last Seen: Record Last Updated: 2/5 mile 600	1967-04-22
General: Decourrence No. Deco. Rank: Deco. Type: Decounty Summary: County Summ	ONLY SOUR UNKNOWN 9 Unknown Natural/Nativ Friant (36119 Fresno 37.00344 / -1 Zone-11 N40 T11S, R21E, EAST SIDE 0	RCE OF INFORMATION IS Map Index: 30838 ve occurrence 986), Millerton Lake West (3 119.67156 098591 E262281 , Sec. 03, W (M)	EO Index: Presence: Trend: 3711916) ERTON LAKE.	3954 Presumed Ex Unknown	Accuracy: Elevation (ft): Acres:	Element Last Seen: Site Last Seen: Record Last Updated: 2/5 mile 600	1967-04-22
Ecological: General: Dwner/Manager: Doccurrence No. Docc. Rank: Docc. Type: Quad Summary: County Summary: County Summary: Docation: Detailed Location: Ecological:	ONLY SOUR UNKNOWN 9 Unknown Natural/Nativ Friant (36119 Fresno 37.00344 / -1 Zone-11 N40 T11S, R21E, EAST SIDE 0 2 MILES NO FOOTHILL V	Map Index: 30838 We occurrence 986), Millerton Lake West (3 119.67156 098591 E262281 , Sec. 03, W (M) OF SOUTH BAY OF MILLE 0RTH OF BOAT RAMPS OF	EO Index: Presence: Trend: 3711916) ERTON LAKE. N EAST SIDE OF D WITH QUERCL	3954 Presumed Ex Unknown	Accuracy: Elevation (ft): Acres:	Element Last Seen: Site Last Seen: Record Last Updated: 2/5 mile 600 0.0	1967-04-22 2009-04-20
General: Dwner/Manager: Doccurrence No. Docc. Rank: Docc. Type: Duad Summary: County Summary: County Summary: At/Long: DTM: PLSS: Location: Detailed Location:	ONLY SOUR UNKNOWN 9 Unknown Natural/Nativ Friant (36119 Fresno 37.00344 / -1 Zone-11 N40 T11S, R21E, EAST SIDE 0 2 MILES NO FOOTHILL V ORTHOCAR	RCE OF INFORMATION IS Map Index: 30838 ve occurrence 986), Millerton Lake West (3 119.67156 098591 E262281 , Sec. 03, W (M) OF SOUTH BAY OF MILLE WOODLAND ASSOCIATEE RPUS ATTENUATUS, AND	EO Index: Presence: Trend: 3711916) ERTON LAKE. N EAST SIDE OF D WITH QUERCU LITHOPHRAGM	3954 Presumed Ex Unknown	Accuracy: Elevation (ft): Acres:	Element Last Seen: Site Last Seen: Record Last Updated: 2/5 mile 600 0.0	1967-04-22 2009-04-20

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Occurrence No.	10 Map Index: 30	0806 EO Index:	20975	Element Last Seen:	1889-05-XX
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:	1889-05-XX
	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:	2009-04-16
Осс. Туре:		Trend:	UNKNOWN	Record Last Opdated:	2009-04-16
Quad Summary:	Madera (3612081)				
County Summary:	Madera				
Lat/Long:	36.96034 / -120.06173		Accuracy:	1 mile	
UTM:	Zone-10 N4094507 E761603		Elevation (ft):	270	
PLSS:	T11S, R17E, Sec. 24 (M)		Acres:	0.0	
Location:	NEAR MADERA.				
Detailed Location:	MAPPED AT CNDDB IN VICI	NITY OF THE COMMUNI	TY OF MADERA.		
Ecological:					
General:	ONLY SOURCE OF INFORM	ATION FOR THIS SITE IS	AN 1889 COLLECTION BY BU	CKMINSTER. NEEDS FIELD	VORK.
Owner/Manager:	UNKNOWN				
Occurrence No.	23 Map Index: 46	6277 EO Index:	75591	Element Last Seen:	1922-05-XX
Occurrence No. Occ. Rank:	23 Map Index: 46 Unknown	6277 EO Index: Presence:	75591 Presumed Extant	Element Last Seen: Site Last Seen:	1922-05-XX 1922-05-XX
	•				
Occ. Rank:	Unknown Natural/Native occurrence	Presence: Trend:	Presumed Extant	Site Last Seen:	1922-05-XX
Occ. Rank: Occ. Type:	Unknown Natural/Native occurrence	Presence: Trend:	Presumed Extant Unknown	Site Last Seen:	1922-05-XX
Occ. Rank: Occ. Type: Quad Summary:	Unknown Natural/Native occurrence Malaga (3611966), Fresno Sor	Presence: Trend:	Presumed Extant Unknown	Site Last Seen:	1922-05-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Unknown Natural/Native occurrence Malaga (3611966), Fresno Sor Fresno	Presence: Trend:	Presumed Extant Unknown 11976), Fresno North (3611977)	Site Last Seen: Record Last Updated:	1922-05-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Unknown Natural/Native occurrence Malaga (3611966), Fresno Sor Fresno 36.77388 / -119.77951	Presence: Trend:	Presumed Extant Unknown 11976), Fresno North (3611977) Accuracy:	Site Last Seen: Record Last Updated:	1922-05-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Unknown Natural/Native occurrence Malaga (3611966), Fresno Sor Fresno 36.77388 / -119.77951 Zone-11 N4073392 E251931	Presence: Trend:	Presumed Extant Unknown 11976), Fresno North (3611977) Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 5 miles	1922-05-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Native occurrence Malaga (3611966), Fresno Sor Fresno 36.77388 / -119.77951 Zone-11 N4073392 E251931 T13S, R20E, Sec. 27 (M) NEAR FRESNO.	Presence: Trend: uth (3611967), Clovis (36	Presumed Extant Unknown 11976), Fresno North (3611977) Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 5 miles 0.0	1922-05-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Native occurrence Malaga (3611966), Fresno Sor Fresno 36.77388 / -119.77951 Zone-11 N4073392 E251931 T13S, R20E, Sec. 27 (M) NEAR FRESNO.	Presence: Trend: uth (3611967), Clovis (36	Presumed Extant Unknown 11976), Fresno North (3611977) Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 5 miles 0.0	1922-05-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Unknown Natural/Native occurrence Malaga (3611966), Fresno Sor Fresno 36.77388 / -119.77951 Zone-11 N4073392 E251931 T13S, R20E, Sec. 27 (M) NEAR FRESNO. EXACT LOCATION UNKNOW FOOTHILLS.	Presence: Trend: uth (3611967), Clovis (36 /N. MAPPED BY CNDDB	Presumed Extant Unknown 11976), Fresno North (3611977) Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 5 miles 0.0 ESNO.	1922-05-XX





Delphinium rec						Eleme	nt Code: PDR/	N0B1J0
Listing Status:	Federal: State:	None None		CNDE	DB Element Ranks	: Global: State:	G2? S2?	
Habitat:	Other: General: Micro:	Rare Plant Rank - 1B.2, BL CHENOPOD SCRUB, VALI ON ALKALINE SOILS; OFT	LEY AND FOOT					
Occurrence No.	89	Map Index: 66448	EO Index:	66551		Element	Last Seen:	1956-03-02
Occ. Rank:	None		Presence:	Extirpated		Site Last	Seen:	1956-03-02
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown		Record L	ast Updated:	2016-01-22
Quad Summary:	Kerman (3	612061)						
County Summary:	Fresno							
Lat/Long:	36.66274	/ -120.09726			Accuracy:	nonspecific	area	
UTM:	Zone-10 N	4061387 E759442			Elevation (ft):			
PLSS:	T14S, R17	7E, Sec. 35 (M)			Acres:	39.0		
Location:	200 FEET	NORTH OF AMERICA N RO	AD, 2 MILES WI	EST OF MADEF	RA RD, 4 MILES SC		ERMAN.	
Detailed Location:	COULD N	OT LOCATE AMERICA N RC	DAD; POSSIBLE	TYPO. MAPPE	D AS BEST GUES	S NORTH C	F AMERICAN A	AVE.
Ecological:	ALKALI SI	NK COMMUNITY IN FULL S	UN AND DRY CI	LAY SOIL.				
General:		ERG COLLECTION IS THE O TURAL CONVERSION.	NLY SOURCE F	OR THIS OCCL	JRRENCE. SITE PI	RESUMED	EXTIRPATED E	3Y
Owner/Manager:	UNKNOW	N						

Castilleja camp succulent owl's-c		. succulenta		Elemer	tt Code: PDSCR0D3Z1
Listing Status:	Federal:	Threatened C	NDDB Element Ranks:	Global:	G4?T2T3
	State:	Endangered		State:	S2S3
	Other:	Rare Plant Rank - 1B.2			
Habitat:	General:	VERNAL POOLS.			
	Micro:	MOIST PLACES, OFTEN IN ACIDIC SOILS. 20-705 M.			



California Department of Fish and Wildlife



Occurrence No.	1 Map Index: 14831	EO Index:	30719	Element Last Seen:	1995-04-25
Occ. Rank:	None	Presence:	Possibly Extirpated	Site Last Seen:	2009-04-16
Осс. Туре:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:	2010-11-16
Quad Summary:	Friant (3611986)				
County Summary:	Fresno				
Lat/Long:	36.91133 / -119.71542		Accuracy:	80 meters	
UTM:	Zone-11 N4088480 E258086		Elevation (ft):	407	
PLSS:	T12S, R21E, Sec. 06, SE (M)		Acres:	0.0	
Location:	EAST SIDE OF AUBERRY ROAD, ABOU	T 1.1 MILES N	NORTH OF COPPER AVE AND	ABOUT 5.5 AIR MILES SOUT	H OF FRIANT.
Detailed Location:	MAPPED IN THE SOUTH 1/2 OF THE SE	E 1/4 OF SECT	FION 6.		
Ecological:	SWALE-LIKE VERNAL POOL IN NONNA DOWNINGIA SP., PLAGIOBOTHRYS ST FROM THIS SITE.				
General:	12 PLANTS OBSERVED IN 1986, SITE C 2009: POOL SEEMS TO BE DELIBERAT REMNANT VERNAL POOL SPECIES PR	ELY DESTOY			
Owner/Manager:	PVT				
Occurrence No.	5 Map Index: 14817	EO Index:	17663	Element Last Seen:	XXXX-XX-XX
Occurrence No. Occ. Rank:		EO Index: Presence:	17663 Presumed Extant	Element Last Seen: Site Last Seen:	XXXX-XX-XX XXXX-XX-XX
	5 Map Index: 14817				
Occ. Rank:	5 Map Index: 14817 Unknown	Presence:	Presumed Extant	Site Last Seen:	XXXX-XX-XX
Occ. Rank: Occ. Type:	5 Map Index: 14817 Unknown Natural/Native occurrence	Presence:	Presumed Extant	Site Last Seen:	XXXX-XX-XX
Occ. Rank: Occ. Type: Quad Summary:	5 Map Index: 14817 Unknown Natural/Native occurrence Millerton Lake West (3711916)	Presence:	Presumed Extant	Site Last Seen:	XXXX-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary:	5Map Index: 14817UnknownNatural/Native occurrenceMillerton Lake West (3711916)Madera	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	XXXX-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	5Map Index: 14817UnknownNatural/Native occurrenceMillerton Lake West (3711916)Madera37.02688 / -119.72653	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: 1/5 mile	XXXX-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	5 Map Index: 14817 Unknown	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/5 mile 430	XXXX-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	5 Map Index: 14817 Unknown Natural/Native occurrence Millerton Lake West (3711916) Madera 37.02688 / -119.72653 Zone-11 N4101330 E257463 T10S, R21E, Sec. 30, SW (M) SW (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/5 mile 430	XXXX-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	5 Map Index: 14817 Unknown Natural/Native occurrence Natural/Native occurrence Millerton Lake West (3711916) Madera 37.02688 / -119.72653 Zone-11 N4101330 E257463 T10S, R21E, Sec. 30, SW (M) ALONG RD #145 AND RD #211 AT THEI	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/5 mile 430	XXXX-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	5 Map Index: 14817 Unknown Natural/Native occurrence Natural/Native occurrence Millerton Lake West (3711916) Madera 37.02688 / -119.72653 Zone-11 N4101330 E257463 T10S, R21E, Sec. 30, SW (M) ALONG RD #145 AND RD #211 AT THEI	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/5 mile 430	XXXX-XX-XX



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O N.	7 Mars Incluse 4.4700		47050	Flamour Last Ocar	1000 05 17
Occurrence No. Occ. Rank:	7 Map Index: 14708	EO Index: Presence:	17658	Element Last Seen: Site Last Seen:	1938-05-17 1981-06-02
Occ. Type:	None Natural/Native occurrence	Trend:	Possibly Extirpated Unknown	Record Last Updated:	2003-08-05
		irena.	UIKIOWI	Record Last Opdated.	2003-00-03
Quad Summary:	Fresno North (3611977)				
County Summary:	Fresno				
Lat/Long:	36.86577 / -119.78070		Accuracy:	1/5 mile	
UTM:	Zone-11 N4083592 E252122		Elevation (ft):	350	
PLSS:	T12S, R20E, Sec. 27, NW (M)		Acres:	0.0	
Location:	FRIANT RD NORTH OF SP RR TRACKS HWY 41.	S, APPROXIMA	TELY 1.2 MILES NORTH OF JU	INCTION FRIANT RD & BLAG	CKSTONE,
Detailed Location:					
Ecological:					
General:	COLLECTED ON ROAD TO FRIANT, NE	EAR PINDALE	BY HOOVER IN 1938. SITE COM	IPLETELY DISKED IN 1981.	
Owner/Manager:	UNKNOWN				
Occurrence No.	14 Map Index: 36544	EO Index:	361	Element Last Seen:	1995-04-15
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:	1995-04-15
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:	1997-12-22
					1007 12 22
Quad Summary:	Lanes Bridge (3611987)				
County Summary:	Madera				
Lat/Long:	36.96914 / -119.83461		Accuracy:	specific area	
UTM:	Zone-11 N4095204 E247656		Elevation (ft):	375	
PLSS:	T11S, R20E, Sec. 18, SW (M)		Acres:	39.4	
Location:	NORTH OF AVENUE 15 AT JCT WITH A TABLE MOUNTAIN.	VENUE 39 1/2	2, NORTH OF LITTLE DRY CREE	EK, ABOUT 4.5 MILES WEST	OF LITTLE
Detailed Location:	MAPPED WITHIN THE SOUTH 1/2 OF T WEST SIDE OF THE PROPERTY.	THE SW 1/4 OF	SECTION 18. ABOUT 50-60 YE	S EAST OF THE FENCELIN	E ON THE
Ecological:	VERNAL POOLS ON HARD, LOAMY CL LYTHRUM HYSSOPIFOLIUM, DOWNIN				
General:	250 INDIVIDUALS IN MAIN POOL COMP COMPLEX OF POOLS CONTAINS MAN			AL POOL TO THE NORTH II	N 1995. THIS
Owner/Manager:	PVT				



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Occurrence No.	17	Map Index: 14850	EO Index:	21621		Element Last Seen:	1992-04-09
Occ. Rank:	Excellent		Presence:	Presumed Extant	t	Site Last Seen:	1992-04-09
Occ. Type:		ive occurrence	Trend:	Unknown		Record Last Updated:	1994-02-25
Quad Summary:	Friant (3611	1986)				•	
County Summary:	Fresno	1900)					
Lat/Long:	36.97077 / -	110 70402		^		specific area	
UTM:					curacy:	·	
-		1095049 E259208			evation (ft):	400	
PLSS:	1115, R216	E, Sec. 17, SW (M)		AC	res:	15.1	
Location:	ABOUT ON	IE AIR MILE SOUTH OF TO	WN OF FRIANT				
Detailed Location:							
Ecological:		OOLS ON SANDY TO CLAY IA, PLAGIOBOTHRYS, MAR				ASSOCIATED WITH ERYNGI R.	UM,
General:	MORE THA	N 1000 INDIVIDUALS IN 19	984, ONLY 60 OF	BSERVED IN 1992			
Owner/Manager:	PVT						
Occurrence No.	18	Map Index: 14783	EO Index:	12299		Element Last Seen:	1991-XX-XX
Occ. Rank:	Poor		Presence:	Presumed Extant	t	Site Last Seen:	1993-04-12
Осс. Туре:	Natural/Nat	ive occurrence	Trend:	Unknown		Record Last Updated:	1998-12-11
Quad Summary:	Millerton La	ke West (3711916)					
County Summary:	Madera						
Lat/Long:	37.01133 / ·	-119.73986		Ac	curacy:	1/5 mile	
UTM:	Zone-11 N4	1099639 E256228		Ele	evation (ft):	500	
PLSS:	T10S, R20E	E, Sec. 36, SE (M)		Ac	res:	0.0	
Location:	NORTH SIE	DE OF HIGHWAY 145, 0.25	MILE WEST OF	JUNCTION WITH	ROAD 206, W	EST OF MILLERTON LAKE.	
Detailed Location:							
Ecological:		' LOAM IN VALLEY GRASSI IA ELEGANS, ERYNGIUM V				VERNAL POOLS. ASSOCIA	TED WITH
General:							
General.		A WAS HEAVILY GRAZED E A STILL PRESENT IN 1993		DIHE HABITAT W	AS BADLY IF	AMPLED AND DEGRADED.	CASTILLEJA



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Occurrence No.	29 Map Index: 14683	EO Index:	6892	Element Last Seen:	2017-04-20
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:	2017-04-20
Осс. Туре:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:	2018-12-07
Quad Summary:	Lanes Bridge (3611987)				
County Summary:	Madera				
Lat/Long:	36.94858 / -119.79170		Accuracy:	specific area	
UTM:	Zone-11 N4092810 E251410		Elevation (ft):	405	
PLSS:			Acres:	38.0	
FL33.	T11S, R20E, Sec. 28, NE (M)		Acres.	30.0	
Location:	CALTRANS MADERA POOLS MITIGATI ROAD 204.	ON SITE; EAS	T SIDE OF HIGHWAY 41, APPR	OXIMATELY 0.5 TO 0.9 MILI	E SOUTH OF
Detailed Location:	OBSERVED IN BOTH NATURAL POOLS POLYGONS ACCORDING TO 2010 CAL			CED POOLS. MAPPED BY (CNDDB AS 8
Ecological:	IN BASINS OF NORTHERN HARDPAN MIMULUS TRICOLOR, PSILOCARPHUS OCCIDENTALIS, ETC.				
General:	200-400 PLANTS IN 1985, 10 IN 1993, 1 2010 (NUMBERS INCLUDE PLANTS IN TO PRESERVE VERNAL POOLS.				
Owner/Manager:	CALTRANS				
Occurrence No.			6195		
	31 Map Index: 25123	EO Index:	0195	Element Last Seen:	2008-04-17
Occ. Rank:	Fair	EO Index: Presence:	Presumed Extant	Element Last Seen: Site Last Seen:	2008-04-17 2008-04-17
Occ. Rank: Occ. Type:					
	Fair	Presence:	Presumed Extant	Site Last Seen:	2008-04-17
Осс. Туре:	Fair Natural/Native occurrence	Presence:	Presumed Extant	Site Last Seen:	2008-04-17
Occ. Type: Quad Summary:	Fair Natural/Native occurrence Round Mountain (3611975)	Presence:	Presumed Extant	Site Last Seen:	2008-04-17
Occ. Type: Quad Summary: County Summary:	Fair Natural/Native occurrence Round Mountain (3611975) Fresno	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2008-04-17
Occ. Type: Quad Summary: County Summary: Lat/Long:	Fair Natural/Native occurrence Round Mountain (3611975) Fresno 36.87330 / -119.61142	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: 80 meters	2008-04-17
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Fair Natural/Native occurrence Round Mountain (3611975) Fresno 36.87330 / -119.61142 Zone-11 N4084001 E267238	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 80 meters 440 0.0	2008-04-17 2009-03-13
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Fair Natural/Native occurrence Round Mountain (3611975) Fresno 36.87330 / -119.61142 Zone-11 N4084001 E267238 T12S, R22E, Sec. 19, SW (M) HARLAN RANCH, 0.5 MILE NORTHEAS	Presence: Trend: T OF HIGHWA	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 80 meters 440 0.0	2008-04-17 2009-03-13
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Fair Natural/Native occurrence Round Mountain (3611975) Fresno 36.87330 / -119.61142 Zone-11 N4084001 E267238 T12S, R22E, Sec. 19, SW (M) HARLAN RANCH, 0.5 MILE NORTHEAS CANAL.	Presence: Trend: T OF HIGHWA 19. LEY GRASSLA	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: Y 168/SHEPARD AVENUE INTE	Site Last Seen: Record Last Updated: 80 meters 440 0.0 RSECTION, WEST OF KER GIUM, MIMULUS TRICOLOF	2008-04-17 2009-03-13 N-FRIANT
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Fair Natural/Native occurrence Round Mountain (3611975) Fresno 36.87330 / -119.61142 Zone-11 N4084001 E267238 T12S, R22E, Sec. 19, SW (M) HARLAN RANCH, 0.5 MILE NORTHEAS CANAL. MAPPED NEAR CENTER OF SECTION HARDPAN VERNAL POOL WITHIN VAL PSILOCARPHUS TENELLUS, P. BREVIS	Presence: Trend: T OF HIGHWA 19. LEY GRASSLA SSIMUS, PLAC	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: AV 168/SHEPARD AVENUE INTE AND. ASSOCIATED WITH ERYN GIOBOTHRYS ACANTHOCARPU	Site Last Seen: Record Last Updated: 80 meters 440 0.0 RSECTION, WEST OF KER GIUM, MIMULUS TRICOLOF JS, DOWNINGIA ORNATISS	2008-04-17 2009-03-13 N-FRIANT R, IMA, AND



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Occurrence No.	32	Map Index: 25122	EO Index:	28381	Element Last Seen:	1991-04-05
Occ. Rank:	Excellent		Presence:	Presumed Extant	Site Last Seen:	1991-04-05
Occ. Type:		/e occurrence	Trend:	Unknown	Record Last Updated:	1994-02-25
Quad Summary:	Friant (36119	086)				
County Summary:	Fresno	900)				
Lat/Long:	36.96195 / -1			Accuracy:	80 meters	
UTM:		094086 E258624		Elevation (ft):	400	
PLSS:	111S, R21E,	, Sec. 19, NE (M)		Acres:	0.0	
Location:	1.5 MILES D	UE SOUTH OF FRIANT.				
Detailed Location:	MAPPED 1.3 SECTION 19		E SOUTHEAST	CORNER OF LOST LAKE. SIT	E IS WITHIN THE SE 1/4 OF	THE NE 1/4 OF
Ecological:	-			Y GRASSLAND COMMUNITY. A I VASEYI, CRASSULA ERECTA		JM
General:	OCCURS IN		JNDREDS OF F	XON WAS OBSERVED IN ONL POOLS HERE. SITE SHOULD E RVATION.		
Owner/Manager:	PVT					
Occurrence No.	33	Map Index: 25120	EO Index:	6231	Element Last Seen:	1992-04-28
Occurrence No. Occ. Rank:	33 Fair	Map Index: 25120	EO Index: Presence:	6231 Presumed Extant	Element Last Seen: Site Last Seen:	1992-04-28 2009-04-16
	Fair	Map Index: 25120				
Occ. Rank:	Fair	ve occurrence	Presence:	Presumed Extant	Site Last Seen:	2009-04-16
Occ. Rank: Occ. Type:	Fair Natural/Nativ	ve occurrence	Presence:	Presumed Extant	Site Last Seen:	2009-04-16
Occ. Rank: Occ. Type: Quad Summary:	Fair Natural/Nativ Lanes Bridge	e (3611987)	Presence:	Presumed Extant	Site Last Seen:	2009-04-16
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Fair Natural/Nativ Lanes Bridge Madera 36.93567 / -1	e (3611987)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2009-04-16
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Fair Natural/Nativ Lanes Bridge Madera 36.93567 / -1 Zone-11 N40	ve occurrence e (3611987) 119.78684	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: specific area	2009-04-16
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Fair Natural/Nativ Lanes Bridge Madera 36.93567 / -1 Zone-11 N40 T11S, R20E,	ve occurrence e (3611987) 119.78684 091365 E251800 , Sec. 33, NE (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: specific area 395 2.0	2009-04-16 2010-11-08
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Fair Natural/Nativ Lanes Bridge Madera 36.93567 / -1 Zone-11 N40 T11S, R20E, 600 METERS TWO VERN/	ve occurrence e (3611987) 119.78684 091365 E251800 , Sec. 33, NE (M) S EAST OF HIGHWAY 41 A AL POOLS ON TERRACE A	Presence: Trend: ND 0.85 MILE	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 395 2.0 HWEST OF THE SAN JOAQU	2009-04-16 2010-11-08 JIN RIVER.
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Fair Natural/Nativ Lanes Bridge Madera 36.93567 / -1 Zone-11 N40 T11S, R20E, 600 METERS TWO VERN/ NORTH PRO VERNAL PO	ve occurrence e (3611987) 119.78684 091365 E251800 , Sec. 33, NE (M) S EAST OF HIGHWAY 41 A AL POOLS ON TERRACE A DJECT - POOLS #5-E-22, 5 DOLS DOMINATED BY HOF VASEYI, CRASSULA AQU	Presence: Trend: ND 0.85 MILE ABOVE AND TC -E-19). MAPPE RDEUM GENICI	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: NORTH OF AVENUE 12, NORT O THE SOUTH OF AN INTERMIT	Site Last Seen: Record Last Updated: specific area 395 2.0 HWEST OF THE SAN JOAQU ITENT SWALE (CALTRANS F 4 OF SECTION 33. PITATUS, LYTHRUM HYSSOF	2009-04-16 2010-11-08 JIN RIVER. ROUTE 41 PIFOLIA,
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Fair Natural/Nativ Lanes Bridge Madera 36.93567 / -1 Zone-11 N40 T11S, R20E, 600 METERS TWO VERN/ NORTH PRO VERNAL PO ERYNGIUM OF THE POO 20 PLANTS	ve occurrence e (3611987) 119.78684 091365 E251800 , Sec. 33, NE (M) S EAST OF HIGHWAY 41 A AL POOLS ON TERRACE A DJECT - POOLS #5-E-22, 5 DOLS DOMINATED BY HOF VASEYI, CRASSULA AQU, OL. OBSERVED IN WESTERN	Presence: Trend: ND 0.85 MILE I ABOVE AND TC -E-19). MAPPE RDEUM GENICI ATICA, AND PS COLONY AND	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: NORTH OF AVENUE 12, NORT D THE SOUTH OF AN INTERMIT D IN THE NE 1/4 OF THE NE 1/ JLATA, PLAGIOBOTHRYS STIF	Site Last Seen: Record Last Updated: specific area 395 2.0 HWEST OF THE SAN JOAQU ITENT SWALE (CALTRANS F 4 OF SECTION 33. PITATUS, LYTHRUM HYSSOF CASTILLEJA MOSTLY ALON NY IN 1992. NO PLANTS OBS	2009-04-16 2010-11-08 JIN RIVER. ROUTE 41 PIFOLIA, IG THE EDGE



California Department of Fish and Wildlife

California Natural Diversity Database



Occurrence No.	40	Map Index: 29049	EO Index:	30717		Element Last Seen:	1996-05-04
Occ. Rank:	Excellent		Presence:	Presumed Ex	ktant	Site Last Seen:	1996-05-04
Осс. Туре:	Natural/Nati	ive occurrence	Trend:	Unknown		Record Last Updated:	1997-03-20
Quad Summary:	Friant (3611	986)					
County Summary:	Fresno						
Lat/Long:	36.92871 / -	-119.72754			Accuracy:	specific area	
UTM:	Zone-11 N4	090439 E257062			Elevation (ft):	400	
PLSS:	T11S, R21E	E, Sec. 31, SW (M)			Acres:	9.9	
Location:	ABOUT 0.2	5 MILE EAST OF FRIANT F	ROAD AND 0.5 N	IILE SOUTH O	F LITTLE DRY CF	REEK.	
Detailed Location:							
Ecological:	INAEQUALI					PECURUS HOWELLII, ORCL ROBABLE FAIRY SHRIMP SI	
General:	300 PLANT	S IN 1996.					
Owner/Manager:	PVT						
Occurrence No.	43	Map Index: 40368	EO Index:	35375		Element Last Seen:	1991-XX-X
Occ. Rank:	Unknown		Presence:	Presumed Ex	ktant	Site Last Seen:	1991-XX-X
Осс. Туре:	Natural/Nati	ive occurrence	Trend:	Unknown		Record Last Updated:	1998-12-1
Quad Summary:	Round Mou	ntain (3611975)					
		()					
County Summary:	Fresno						
		.119 61104			Accuracy:	2/5 mile	
Lat/Long:	36.85664 / -				Accuracy: Elevation (ft):	2/5 mile 440	
Lat/Long: UTM:	36.85664 / - Zone-11 N4	-119.61104 -082151 E267221 -, Sec. 30 (M)			Accuracy: Elevation (ft): Acres:	2/5 mile 440 0.0	
Lat/Long: UTM: PLSS:	36.85664 / - Zone-11 N4 T12S, R22E	082151 E267221 E, Sec. 30 (M)	DF THOMPSON /	AVE BETWEEN	Elevation (ft): Acres:	440 0.0	T OF CLOV
County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	36.85664 / - Zone-11 N4 T12S, R22E SOUTH OF SITE BASE	082151 E267221 E, Sec. 30 (M) HARLAN RANCH, EAST C D UPON 1991 PHONE COI	NVERSTATION	WITH J. STEBE	Elevation (ft): Acres:	440	
Lat/Long: UTM: PLSS: Location:	36.85664 / - Zone-11 N4 T12S, R22E SOUTH OF SITE BASE	082151 E267221 E, Sec. 30 (M) HARLAN RANCH, EAST C D UPON 1991 PHONE COI	NVERSTATION	WITH J. STEBE	Elevation (ft): Acres:	440 0.0 DAD AND DOG CREEK, EAS 3 PLANTS "FOUND ABOUT 1	
Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological:	36.85664 / - Zone-11 N4 T12S, R22E SOUTH OF SITE BASE OF HARLAN	082151 E267221 E, Sec. 30 (M) HARLAN RANCH, EAST C D UPON 1991 PHONE COI	NVERSTATION OCCURRENCE	WITH J. STEBE	Elevation (ft): Acres:	440 0.0 DAD AND DOG CREEK, EAS 3 PLANTS "FOUND ABOUT 1	
Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General:	36.85664 / - Zone-11 N4 T12S, R22E SOUTH OF SITE BASE OF HARLAN	082151 E267221 E, Sec. 30 (M) HARLAN RANCH, EAST C D UPON 1991 PHONE COI N RANCH POPULATION" (CLDWORK AND MORE DET	NVERSTATION OCCURRENCE	WITH J. STEBE	Elevation (ft): Acres:	440 0.0 DAD AND DOG CREEK, EAS 3 PLANTS "FOUND ABOUT 1	
Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager:	36.85664 / - Zone-11 N4 T12S, R22E SOUTH OF SITE BASE OF HARLAN	082151 E267221 E, Sec. 30 (M) HARLAN RANCH, EAST C D UPON 1991 PHONE COI N RANCH POPULATION" (CLDWORK AND MORE DET	NVERSTATION OCCURRENCE	WITH J. STEBE	Elevation (ft): Acres:	440 0.0 DAD AND DOG CREEK, EAS 3 PLANTS "FOUND ABOUT 1	
Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No.	36.85664 / - Zone-11 N4 T12S, R22E SOUTH OF SITE BASE OF HARLAN NEEDS FIE UNKNOWN	082151 E267221 5, Sec. 30 (M) HARLAN RANCH, EAST C D UPON 1991 PHONE COI N RANCH POPULATION" (LDWORK AND MORE DET	NVERSTATION OCCURRENCE FAIL.	WITH J. STEBE #31). SITE MAR	Elevation (ft): Acres: N TOLLHOUSE RG BINS REGARDING PPED NEAR THE	440 0.0 DAD AND DOG CREEK, EAS B PLANTS "FOUND ABOUT 7 CENTER OF SECTION 30.	I MILE SOU
Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	36.85664 / - Zone-11 N4 T12S, R22E SOUTH OF SITE BASE OF HARLAN NEEDS FIE UNKNOWN 97 Unknown	082151 E267221 5, Sec. 30 (M) HARLAN RANCH, EAST C D UPON 1991 PHONE COI N RANCH POPULATION" (LDWORK AND MORE DET	NVERSTATION OCCURRENCE TAIL. EO Index:	WITH J. STEBE #31). SITE MAF 72512	Elevation (ft): Acres: N TOLLHOUSE RG BINS REGARDING PPED NEAR THE	440 0.0 DAD AND DOG CREEK, EAS O PLANTS "FOUND ABOUT CENTER OF SECTION 30. Element Last Seen:	I MILE SOU 1982-05-12 1982-05-12
Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	36.85664 / - Zone-11 N4 T12S, R22E SOUTH OF SITE BASE OF HARLAN NEEDS FIE UNKNOWN 97 Unknown	082151 E267221 E, Sec. 30 (M) HARLAN RANCH, EAST C D UPON 1991 PHONE COI N RANCH POPULATION" (CLDWORK AND MORE DET Map Index: 71608	NVERSTATION OCCURRENCE FAIL. EO Index: Presence:	WITH J. STEBE #31). SITE MAR 72512 Presumed Ex	Elevation (ft): Acres: N TOLLHOUSE RG BINS REGARDING PPED NEAR THE	440 0.0 DAD AND DOG CREEK, EAS B PLANTS "FOUND ABOUT 1 CENTER OF SECTION 30. Element Last Seen: Site Last Seen:	I MILE SOU 1982-05-12 1982-05-12
Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	36.85664 / - Zone-11 N4 T12S, R22E SOUTH OF SITE BASE OF HARLAN NEEDS FIE UNKNOWN 97 Unknown Natural/Nati	082151 E267221 E, Sec. 30 (M) HARLAN RANCH, EAST C D UPON 1991 PHONE COI N RANCH POPULATION" (CLDWORK AND MORE DET Map Index: 71608	NVERSTATION OCCURRENCE FAIL. EO Index: Presence:	WITH J. STEBE #31). SITE MAR 72512 Presumed Ex	Elevation (ft): Acres: N TOLLHOUSE RG BINS REGARDING PPED NEAR THE	440 0.0 DAD AND DOG CREEK, EAS B PLANTS "FOUND ABOUT 1 CENTER OF SECTION 30. Element Last Seen: Site Last Seen:	I MILE SOU 1982-05-12 1982-05-12
Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	36.85664 / - Zone-11 N4 T12S, R22E SOUTH OF SITE BASE OF HARLAN NEEDS FIE UNKNOWN 97 Unknown Natural/Nati Gregg (361*	Map Index: 71608	NVERSTATION OCCURRENCE FAIL. EO Index: Presence:	WITH J. STEBE #31). SITE MAR 72512 Presumed Ex	Elevation (ft): Acres: N TOLLHOUSE RG BINS REGARDING PPED NEAR THE	440 0.0 DAD AND DOG CREEK, EAS B PLANTS "FOUND ABOUT 1 CENTER OF SECTION 30. Element Last Seen: Site Last Seen:	I MILE SOU 1982-05-1: 1982-05-1:
Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	36.85664 / - Zone-11 N4 T12S, R22E SOUTH OF SITE BASEI OF HARLAN NEEDS FIE UNKNOWN 97 Unknown Natural/Nati Gregg (361 Madera 36.96663 / -	Map Index: 71608	NVERSTATION OCCURRENCE FAIL. EO Index: Presence:	WITH J. STEBE #31). SITE MAR 72512 Presumed Ex	Elevation (ft): Acres: N TOLLHOUSE RG BINS REGARDING PPED NEAR THE	440 0.0 DAD AND DOG CREEK, EAS S PLANTS "FOUND ABOUT " CENTER OF SECTION 30. Element Last Seen: Site Last Seen: Record Last Updated:	I MILE SOU 1982-05-1: 1982-05-1:
Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	36.85664 / - Zone-11 N4 T12S, R22E SOUTH OF SITE BASE OF HARLAN NEEDS FIE UNKNOWN 97 Unknown Natural/Nati Gregg (361 ⁻ Madera 36.96663 / - Zone-11 N4	082151 E267221 E, Sec. 30 (M) HARLAN RANCH, EAST C D UPON 1991 PHONE COI N RANCH POPULATION" (CLDWORK AND MORE DET Map Index: 71608 ive occurrence 1988)	NVERSTATION OCCURRENCE FAIL. EO Index: Presence:	WITH J. STEBE #31). SITE MAR 72512 Presumed Ex	Elevation (ft): Acres: N TOLLHOUSE RC BINS REGARDING PPED NEAR THE	440 0.0 DAD AND DOG CREEK, EAS S PLANTS "FOUND ABOUT CENTER OF SECTION 30. Element Last Seen: Site Last Seen: Record Last Updated: nonspecific area	I MILE SOU 1982-05-1 1982-05-1
Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	36.85664 / - Zone-11 N4 T12S, R22E SOUTH OF SITE BASE OF HARLAN NEEDS FIE UNKNOWN 97 Unknown Natural/Nati Gregg (361 Madera 36.96663 / - Zone-11 N4 T11S, R18E	082151 E267221 5, Sec. 30 (M) HARLAN RANCH, EAST C D UPON 1991 PHONE COI N RANCH POPULATION" (CLDWORK AND MORE DET Map Index: 71608 ive occurrence 1988) -119.95685 -095258 E236762	NVERSTATION OCCURRENCE FAIL. EO Index: Presence: Trend:	WITH J. STEBE #31). SITE MAR 72512 Presumed Ex Unknown	Elevation (ft): Acres: N TOLLHOUSE RG BINS REGARDING PPED NEAR THE dtant Accuracy: Elevation (ft):	440 0.0 DAD AND DOG CREEK, EAS 5 PLANTS "FOUND ABOUT " CENTER OF SECTION 30. Element Last Seen: Site Last Seen: Record Last Updated: nonspecific area 300	I MILE SOU 1982-05-1: 1982-05-1:
Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	36.85664 / - Zone-11 N4 T12S, R22E SOUTH OF SITE BASE OF HARLAN NEEDS FIE UNKNOWN 97 Unknown Natural/Nati Gregg (361 ⁻ Madera 36.96663 / - Zone-11 N4 T11S, R18E 7 MILES WE NORTH AN	082151 E267221 E, Sec. 30 (M) HARLAN RANCH, EAST C D UPON 1991 PHONE COI N RANCH POPULATION" (CLDWORK AND MORE DET Map Index: 71608 We occurrence 1988) -119.95685 -095258 E236762 E, Sec. 24, N (M) EST OF AVENUE 15 AND F D SOUTH OF ROAD. ONLY	NVERSTATION OCCURRENCE TAIL. EO Index: Presence: Trend: ROAD 39 1/2 ON	WITH J. STEBE #31). SITE MAR 72512 Presumed Ex Unknown	Elevation (ft): Acres: N TOLLHOUSE RG BINS REGARDING PPED NEAR THE dtant Accuracy: Elevation (ft): Acres:	440 0.0 DAD AND DOG CREEK, EAS 5 PLANTS "FOUND ABOUT " CENTER OF SECTION 30. Element Last Seen: Site Last Seen: Record Last Updated: nonspecific area 300	I MILE SOU 1982-05-1: 1982-05-1: 2008-06-3
Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	36.85664 / - Zone-11 N4 T12S, R22E SOUTH OF SITE BASE OF HARLAN NEEDS FIE UNKNOWN 97 Unknown Natural/Nati Gregg (361 Madera 36.96663 / - Zone-11 N4 T11S, R18E 7 MILES WE NORTH AN COLLECTIO	082151 E267221 E, Sec. 30 (M) HARLAN RANCH, EAST C D UPON 1991 PHONE COI N RANCH POPULATION" (CLDWORK AND MORE DET Map Index: 71608 We occurrence 1988) -119.95685 -095258 E236762 E, Sec. 24, N (M) EST OF AVENUE 15 AND F D SOUTH OF ROAD. ONLY	NVERSTATION Y OCCURRENCE FAIL. EO Index: Presence: Trend: Trend: ROAD 39 1/2 ON Y SOURCE OF I	WITH J. STEBE #31). SITE MAR 72512 Presumed Ex Unknown	Elevation (ft): Acres: N TOLLHOUSE RG BINS REGARDING PPED NEAR THE dtant Accuracy: Elevation (ft): Acres:	440 0.0 DAD AND DOG CREEK, EAS 3 PLANTS "FOUND ABOUT " CENTER OF SECTION 30. Element Last Seen: Site Last Seen: Record Last Updated: nonspecific area 300 70.0	I MILE SOU 1982-05-12 1982-05-12 2008-06-30
Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	36.85664 / - Zone-11 N4 T12S, R22E SOUTH OF SITE BASE OF HARLAN NEEDS FIE UNKNOWN 97 Unknown Natural/Nati Gregg (361 Madera 36.96663 / - Zone-11 N4 T11S, R18E 7 MILES WE NORTH AN COLLECTIO VERNAL PO	Map Index: 71608 Map Index: 71608 Map Sec. 23, N(M) Map Index: 71608 Map Index: 7168 Map Index: 7168 Map Index: 7168 Map Index: 7168 Map Index: 7168	NVERSTATION Y OCCURRENCE FAIL. EO Index: Presence: Trend: ROAD 39 1/2 ON	WITH J. STEBE #31). SITE MAR 72512 Presumed Ex Unknown	Elevation (ft): Acres: N TOLLHOUSE RG BINS REGARDING PPED NEAR THE dtant Accuracy: Elevation (ft): Acres:	440 0.0 DAD AND DOG CREEK, EAS 3 PLANTS "FOUND ABOUT " CENTER OF SECTION 30. Element Last Seen: Site Last Seen: Record Last Updated: nonspecific area 300 70.0	I MILE SOU 1982-05-1: 1982-05-1: 2008-06-3

Commercial Version -- Dated September, 1 2019 -- Biogeographic Data Branch Report Printed on Wednesday, September 11, 2019



California Department of Fish and Wildlife



Occurrence No.	102	Map Index: B1604	EO Index:	113515	Element Last Seen:	2013-03-29
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2013-03-29
Осс. Туре:	Natural/Nati	ive occurrence	Trend:	Unknown	Record Last Updated	2018-12-24
Quad Summary:	Lanes Bridg	ge (3611987)				
County Summary:	Madera					
Lat/Long:	36.96736 / -	-119.85859		Accurac	y: 80 meters	
UTM:	Zone-11 N4	1095071 E245516		Elevatio	n (ft): 374	
PLSS:	T11S, R19E	E, Sec. 14, SE (M)		Acres:	5.0	
Location:	NORTH SIE	DE OF AVENUE 15, ABOUT	1 MILE EAST O	F ROAD 37, NORTH OF	FRESNO.	
Detailed Location:	MAPPED A	CCORDING TO 2013 FISHE	R COORDINAT	ES, IN THE FAR SE 1/4	OF SECTION 14.	
Ecological:					FREMONTII, PSILOCARPHUS BR LYTHRUM HYSSOPIFOLIA, AND	
General:	~2700 PLA	NTS OBSERVED IN 2013. PF	ROPOSED CON	SERVATION BANK.		
Owner/Manager:	PVT					
Occurrence No.	103	Map Index: B1605	EO Index:	113516	Element Last Seen:	2017-04-19
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2017-04-19
Осс. Туре:	Natural/Nati	ive occurrence	Trend:	Unknown	Record Last Updated	2018-12-10
Quad Summary:						
	Lanes Bridg	ge (3611987)				
County Summary:	Lanes Bridg Madera	ge (3611987)				
County Summary:	•			Accurac	:y: specific area	
	Madera 36.94428 / -			Accurac Elevatio		
Lat/Long:	Madera 36.94428 / - Zone-11 N4	-119.78453				
Lat/Long: UTM:	Madera 36.94428 / - Zone-11 N4 T11S, R20E	-119.78453 4092315 E252036 E, Sec. 27, SW (M)	TERSECTION	Elevatio Acres:	n (ft): 407	DAQUIN RIVER.
Lat/Long: UTM: PLSS:	Madera 36.94428 / - Zone-11 N4 T11S, R20E ABOUT 1.5 4 POLYGOI	-119.78453 1092315 E252036 E, Sec. 27, SW (M) AIR MILES NNE OF THE IN	O 2017 DELON	Elevatio Acres: DF HIGHWAY 41 AND A	n (ft): 407 3.0	
Lat/Long: UTM: PLSS: Location:	Madera 36.94428 / - Zone-11 N4 T11S, R20E ABOUT 1.5 4 POLYGOI AND THE N LARGE VEF ASSOCIATI	-119.78453 4092315 E252036 E, Sec. 27, SW (M) FAIR MILES NNE OF THE IN NS MAPPED ACCORDING T NE 1/4 OF THE SE 1/4 OF SE RNAL POOL COMPLEX. FOL	O 2017 DELON CTION 28. JND IN A LARC CANA, PSILOC	Elevatio Acres: DF HIGHWAY 41 AND A NG COORDINATES, WIT GE DEEP POOL AND SH	n (ft): 407 3.0 VENUE 12, WEST OF THE SAN JO	OF SECTION 27 Y SOIL.
Lat/Long: UTM: PLSS: Location: Detailed Location:	Madera 36.94428 / - Zone-11 N4 T11S, R20E ABOUT 1.5 4 POLYGOI AND THE N LARGE VEH ASSOCIATI ERYNGIUM IN 2017, 26	-119.78453 4092315 E252036 E, Sec. 27, SW (M) FAIR MILES NNE OF THE IN NS MAPPED ACCORDING T NE 1/4 OF THE SE 1/4 OF SE RNAL POOL COMPLEX. FOI ED WITH PILULARIA AMERI M CASTRENSE, SIDALCEA H	O 2017 DELON CTION 28. JND IN A LARC CANA, PSILOC IIRSUTA, ETC.	Elevatio Acres: DF HIGHWAY 41 AND A IG COORDINATES, WIT GE DEEP POOL AND SH CARPHUS BREVISSIMUS	n (ft): 407 3.0 VENUE 12, WEST OF THE SAN JO THIN THE NW 1/4 OF THE SW 1/4 ALLOWER POOLS. COBBLY CLA	OF SECTION 27 Y SOIL. EUM MARINUM,





Chloropyron p	almatum					Eleme	nt Code: PDS	CR0J0J0
palmate-bracted	bird's-beak							
Listing Status:	Federal:	Endangered		CNE	DB Element Ranks	s: Global:	G1	
	State:	Endangered				State:	S1	
	Other:	Rare Plant Rank - 1B.1, SB	_RSABG-Ranch	o Santa Ana B	otanic Garden			
Habitat:	General:	CHENOPOD SCRUB, VALL	EY AND FOOT	HILL GRASSL	AND.			
	Micro:	USUALLY ON PESCADER	O SILTY CLAY V	WHICH IS ALK	ALINE, WITH DIST	ICHLIS, FRA	NKENIA, ETC.	5-155 M.
Occurrence No.	4	Map Index: 14246	EO Index:	6077		Element	Last Seen:	1937-07-29
Occ. Rank:	None		Presence:	Extirpated		Site Last	Seen:	1983-07-02
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown		Record L	ast Updated:	2011-01-20
Quad Summary:	Kerman (3	3612061)						
County Summary:	Fresno							
Lat/Long:	36.63993	/ -120.06182			Accuracy:	1 mile		
UTM:	Zone-10 N	V4058951 E762688			Elevation (ft):	195		
PLSS:	T15S, R1	7E, Sec. 12 (M)			Acres:	0.0		
Location:	6 MILES S	SOUTH OF KERMAN (ON MA	DERA AVE).					
Detailed Location:								
Ecological:								
General:		ED ON A 1937 HOOVER COI E TO SOIL RECLAMATION A				D PLANTS N	IOT OBSERVEI	D. HABITAT
Owner/Manager:	UNKNOW	/N						

Sagittaria sanfo	ordii				Eleme	nt Code: PMAI	_1040Q0
Sanford's arrowh	ead						
Listing Status:	Federal:	None		CNDDB Element Rank	s: Global:	G3	
	State:	None			State:	S3	
	Other:	Rare Plant Rank - 1B.2, BL	M_S-Sensitive				
Habitat:	General:	MARSHES AND SWAMPS					
	Micro:	IN STANDING OR SLOW-I	MOVING FRESH	WATER PONDS, MARSHES, AN	ID DITCHES.	0-605 M.	
Occurrence No.	3	Map Index: 24423	EO Index:	7075	Element	Last Seen:	1986-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last	Seen:	1986-XX-XX
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record L	ast Updated:	1993-11-15
Quad Summary:	Clovis (36	11976)					
County Summary:	Fresno						
Lat/Long:	36.82288 /	/ -119.72991		Accuracy:	nonspecific	area	
UTM:	Zone-11 N	4078702 E256514		Elevation (ft):	345		
PLSS:	T13S, R21	E, Sec. 06, SW (M)		Acres:	39.7		
Location:	HELM CAI	NAL NEAR BULLARD AVE, (CLOVIS.				
Detailed Location:	NORTHEA	AST OF CSU FRESNO RODI	EO GROUNDS.				
Ecological:	GROWING	G IN A CANAL.					
General:	MORE INF	FORMATION NEEDED ON T	HE CONDITION	AND HABITAT OF THIS POPUL	ATION.		
Owner/Manager:	UNKNOW	N					



California Department of Fish and Wildlife



Occurrence No.	4	Map Index: 24425	EO Index:	7071	Element Last Seen:	1954-05-23
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1980-XX-XX
Осс. Туре:	Natural/Native	occurrence	Trend:	Unknown	Record Last Updated:	2013-06-06
Quad Summary:	Fresno North (3	3611977)				
County Summary:	Fresno					
Lat/Long:	36.86067 / -119	9.78267		Accuracy:	2/5 mile	
UTM:	Zone-11 N4083	3031 E251930		Elevation (ft):	360	
PLSS:	T12S, R20E, S	ec. 27, NW (M)		Acres:	0.0	
Location:	FRIANT ROAD	SOUTH OF SHEPHER	D AVE, NORTH	VEST OF PINEDALE.		
Detailed Location:	EXACT LOCAT		ECTION LABEL	GIVES: "RD TO FRIANT DAM A	ND FORT WASHINGTON BE	FORE CURVE
Ecological:						
General:				ON FROM 1953 AND TWO SIMO O PLANTS WERE FOUND.	DNIAN COLLECTIONS FROM	1953 AND
Owner/Manager:	UNKNOWN					
Occurrence No.	5	Map Index: 24426	EO Index:	7068	Element Last Seen:	1958-10-09
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1980-XX-XX
Осс. Туре:	Natural/Native	occurrence	Trend:	Unknown	Record Last Updated:	2011-07-27
Quad Summary:	Fresno North (3	3611977)				
County Summary:	Fresno					
Lat/Long:	36.79405 / -119	9.79838		Accuracy:	80 meters	
UTM:	Zone-11 N4075	5679 E250313		Elevation (ft):	310	
PLSS:				A	0.0	
FL33.	T13S, R20E, S	ec. 16, SE (M)		Acres:	0.0	
Location:		ec. 16, SE (M) H OF ASHLAN AVE & E	AST OF MAROA		0.0	
	CANAL NORTH			, FRESNO.	0.0	
Location:	CANAL NORTH	H OF ASHLAN AVE & E		, FRESNO.	0.0	
Location: Detailed Location:	CANAL NORTH ALONG NORTH GROWING IN A	H OF ASHLAN AVE & E. H SIDE OF ASHLAN AN A CANAL.	ID 100 YARDS E 1980 BUT NO PI	, FRESNO.		COLLECTION
Location: Detailed Location: Ecological:	CANAL NORTH ALONG NORTH GROWING IN A	H OF ASHLAN AVE & E. H SIDE OF ASHLAN AN A CANAL. HED BY C. TURNER IN	ID 100 YARDS E 1980 BUT NO PI	, FRESNO. AST OF MAROA.		COLLECTION
Location: Detailed Location: Ecological: General:	CANAL NORTH ALONG NORTH GROWING IN A AREA SEARCH BY B. BROCK	H OF ASHLAN AVE & E. H SIDE OF ASHLAN AN A CANAL. HED BY C. TURNER IN	ID 100 YARDS E 1980 BUT NO PI	, FRESNO. AST OF MAROA.		COLLECTION 1953-09-09
Location: Detailed Location: Ecological: General: Owner/Manager:	CANAL NORTH ALONG NORTH GROWING IN A AREA SEARCH BY B. BROCK UNKNOWN	H OF ASHLAN AVE & E H SIDE OF ASHLAN AN A CANAL. HED BY C. TURNER IN ON OCT. 9, 1958 (FSC	ID 100 YARDS E 1980 BUT NO P 17769).	, FRESNO. AST OF MAROA. _ANTS WERE FOUND. SITE KN	IOWN ONLY FROM SINGLE	
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No.	CANAL NORTH ALONG NORTH GROWING IN A AREA SEARCH BY B. BROCK UNKNOWN	H OF ASHLAN AVE & E H SIDE OF ASHLAN AN A CANAL. HED BY C. TURNER IN ON OCT. 9, 1958 (FSC Map Index: 24428	ID 100 YARDS E 1980 BUT NO PI 17769). EO Index:	, FRESNO. AST OF MAROA. LANTS WERE FOUND. SITE KN 7070	IOWN ONLY FROM SINGLE	1953-09-09
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	CANAL NORTH ALONG NORTH GROWING IN A AREA SEARCH BY B. BROCK UNKNOWN 6 Unknown	H OF ASHLAN AVE & E. H SIDE OF ASHLAN AN A CANAL. HED BY C. TURNER IN ON OCT. 9, 1958 (FSC Map Index: 24428 occurrence	ID 100 YARDS E 1980 BUT NO P 17769). EO Index: Presence:	, FRESNO. AST OF MAROA. LANTS WERE FOUND. SITE KN 7070 Presumed Extant	IOWN ONLY FROM SINGLE Element Last Seen: Site Last Seen:	1953-09-09 1980-XX-XX
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	CANAL NORTH ALONG NORTH GROWING IN / AREA SEARCH BY B. BROCK UNKNOWN 6 Unknown Natural/Native	H OF ASHLAN AVE & E. H SIDE OF ASHLAN AN A CANAL. HED BY C. TURNER IN ON OCT. 9, 1958 (FSC Map Index: 24428 occurrence	ID 100 YARDS E 1980 BUT NO P 17769). EO Index: Presence:	, FRESNO. AST OF MAROA. LANTS WERE FOUND. SITE KN 7070 Presumed Extant	IOWN ONLY FROM SINGLE Element Last Seen: Site Last Seen:	1953-09-09 1980-XX-XX
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	CANAL NORTH ALONG NORTH GROWING IN / AREA SEARCH BY B. BROCK UNKNOWN 6 Unknown Natural/Native of Fresno North (3)	H OF ASHLAN AVE & EA H SIDE OF ASHLAN AN A CANAL. HED BY C. TURNER IN ON OCT. 9, 1958 (FSC Map Index: 24428 occurrence	ID 100 YARDS E 1980 BUT NO P 17769). EO Index: Presence:	, FRESNO. AST OF MAROA. LANTS WERE FOUND. SITE KN 7070 Presumed Extant	IOWN ONLY FROM SINGLE Element Last Seen: Site Last Seen:	1953-09-09 1980-XX-XX
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	CANAL NORTH ALONG NORTH GROWING IN / AREA SEARCH BY B. BROCK UNKNOWN 6 UNKNOWN 6 Unknown Natural/Native (Fresno North (3 Fresno	H OF ASHLAN AVE & EA H SIDE OF ASHLAN AN A CANAL. HED BY C. TURNER IN ON OCT. 9, 1958 (FSC Map Index: 24428 occurrence 3611977)	ID 100 YARDS E 1980 BUT NO P 17769). EO Index: Presence:	, FRESNO. AST OF MAROA. LANTS WERE FOUND. SITE KN 7070 Presumed Extant Unknown	IOWN ONLY FROM SINGLE Element Last Seen: Site Last Seen: Record Last Updated:	1953-09-09 1980-XX-XX
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	CANAL NORTH ALONG NORTH GROWING IN / AREA SEARCH BY B. BROCK UNKNOWN 6 UNKNOWN 6 Unknown Natural/Native (Fresno North (3 Fresno 36.83710 / -115	H OF ASHLAN AVE & EA H SIDE OF ASHLAN AN A CANAL. HED BY C. TURNER IN ON OCT. 9, 1958 (FSC Map Index: 24428 occurrence 3611977) 9.86242 0626 E244740	ID 100 YARDS E 1980 BUT NO P 17769). EO Index: Presence:	, FRESNO. AST OF MAROA. LANTS WERE FOUND. SITE KN 7070 Presumed Extant Unknown Accuracy:	NOWN ONLY FROM SINGLE Element Last Seen: Site Last Seen: Record Last Updated: 1/5 mile	1953-09-09 1980-XX-XX
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	CANAL NORTH ALONG NORTH GROWING IN / AREA SEARCH BY B. BROCK UNKNOWN 6 UNKNOWN 6 Unknown Natural/Native Fresno North (3 Fresno 36.83710 / -115 Zone-11 N4080 T13S, R19E, S	H OF ASHLAN AVE & E. H SIDE OF ASHLAN AN A CANAL. HED BY C. TURNER IN ON OCT. 9, 1958 (FSC Map Index: 24428 occurrence 3611977) 9.86242 0626 E244740 ec. 02, SE (M)	ID 100 YARDS E 1980 BUT NO P 17769). EO Index: Presence: Trend:	, FRESNO. AST OF MAROA. LANTS WERE FOUND. SITE KN 7070 Presumed Extant Unknown Accuracy: Elevation (ft):	NOWN ONLY FROM SINGLE Element Last Seen: Site Last Seen: Record Last Updated: 1/5 mile 320 0.0	1953-09-09 1980-XX-XX
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	CANAL NORTH ALONG NORTH GROWING IN / AREA SEARCH BY B. BROCK UNKNOWN 6 UNKNOWN 6 UNKNOWN 6 Fresno North (3 Fresno North (3 Fresno North (3 Fresno 11 N4080 T13S, R19E, S HERNDON AV	H OF ASHLAN AVE & E. H SIDE OF ASHLAN AN A CANAL. HED BY C. TURNER IN ON OCT. 9, 1958 (FSC Map Index: 24428 occurrence 3611977) 9.86242 0626 E244740 ec. 02, SE (M)	ID 100 YARDS E 1980 BUT NO P 17769). EO Index: Presence: Trend:	, FRESNO. AST OF MAROA. LANTS WERE FOUND. SITE KN 7070 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: Y 3 MILES WEST OF PINECRES	NOWN ONLY FROM SINGLE Element Last Seen: Site Last Seen: Record Last Updated: 1/5 mile 320 0.0	1953-09-09 1980-XX-XX
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	CANAL NORTH ALONG NORTH GROWING IN / AREA SEARCH BY B. BROCK UNKNOWN 6 UNKNOWN 6 UNKNOWN 6 Fresno North (3 Fresno North (3 Fresno North (3 Fresno 11 N4080 T13S, R19E, S HERNDON AV	H OF ASHLAN AVE & EAT BRAWLEY AVE, A	ID 100 YARDS E 1980 BUT NO P 17769). EO Index: Presence: Trend:	, FRESNO. AST OF MAROA. LANTS WERE FOUND. SITE KN 7070 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: Y 3 MILES WEST OF PINECRES	NOWN ONLY FROM SINGLE Element Last Seen: Site Last Seen: Record Last Updated: 1/5 mile 320 0.0	1953-09-09 1980-XX-XX
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	CANAL NORTH ALONG NORTH GROWING IN / AREA SEARCH BY B. BROCK UNKNOWN 6 UNKNOWN 6 Unknown Natural/Native (Fresno North (3 Fresno North (3 Fresno 36.83710 / -119 Zone-11 N4080 T13S, R19E, S HERNDON AV EXACT LOCAT	H OF ASHLAN AVE & E. H SIDE OF ASHLAN AN A CANAL. HED BY C. TURNER IN ON OCT. 9, 1958 (FSC Map Index: 24428 occurrence 3611977) 9.86242 0626 E244740 ec. 02, SE (M) E AT BRAWLEY AVE, A FION UNKNOWN, MAPF E IS BASED ON A 1953	ID 100 YARDS E 1980 BUT NO P 17769). EO Index: Presence: Trend: PPROXIMATEL PED BY CNDDB	, FRESNO. AST OF MAROA. LANTS WERE FOUND. SITE KN 7070 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: Y 3 MILES WEST OF PINECRES	IOWN ONLY FROM SINGLE Element Last Seen: Site Last Seen: Record Last Updated: 1/5 mile 320 0.0 ST.	1953-09-09 1980-XX-XX 2013-06-06



California Department of Fish and Wildlife

California Natural Diversity Database



Occurrence No.	7	Map Index: 24427	EO Index:	7069	Element Last Seen:	1953-06-02
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1980-XX-X>
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2007-09-26
Quad Summary:	Fresno North	h (3611977)				
County Summary:	Fresno	, , , , , , , , , , , , , , , , , , ,				
Lat/Long:	36.80818 / -	119.84118		Accuracy:	1/5 mile	
UTM:	Zone-11 N40	077360 E246539		Elevation (ft):	310	
PLSS:	T13S, R20E	, Sec. 07, SW (M)		Acres:	0.0	
Location:	DITCH UND	ER SANTA FE RAILROAD	AT SHAW AVE,	FRESNO.		
Detailed Location:	LOCATED II	N DITCH SIPHON.				
Ecological:	GROWING I	IN A DITCH.				
General:	-	RCHED BY C. TURNER IN N JUNE 2, 1953 (FSC 8117		ANTS WERE FOUND. SITE KN	IOWN FROM SINGLE COLLE	ECTION BY C
Owner/Manager:	UNKNOWN					
Occurrence No.	38	Map Index: 30074	EO Index:	18565	Element Last Seen:	1993-09-23
Occ. Rank:	Fair	•	Presence:	Presumed Extant	Site Last Seen:	1993-09-23
Occ. Type:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	1994-08-03
Quad Summary:	Clovis (3611	976)			-	
County Summary:	Fresno					
Lat/Long:	36.79330 / -	119.74407		Accuracy:	80 meters	
-				•		
UTM:	Zone-11 N40	075456 E255157		Elevation (ft):	325	
UTM: PLSS:		075456 E255157 , Sec. 24, NE (M)		Elevation (ft): Acres:	325 0.0	
-	T13S, R20E	, Sec. 24, NE (M)	HARGE BASIN.	Acres:	0.0	FRESNO.
PLSS:	T13S, R20E LEAKY ACR BASIN IS AB	, Sec. 24, NE (M) RES GROUNDWATER REC BOUT 2 MILES NORTHWE	ST OF THE FRE	Acres: SOUTH OF ASHLAN AVE & WE	0.0 EST OF SIERRA VISTA AVE,	
PLSS: Location:	T13S, R20E LEAKY ACR BASIN IS AE PONDING B	, Sec. 24, NE (M) RES GROUNDWATER REC BOUT 2 MILES NORTHWE BASIN 5A. WITHIN THE NW	ST OF THE FRE / 1/4 OF THE NE	Acres: SOUTH OF ASHLAN AVE & WE	0.0 EST OF SIERRA VISTA AVE, 6. PLANTS FOUND IN NW CO	ORNER OF
PLSS: Location: Detailed Location:	T13S, R20E LEAKY ACR BASIN IS AE PONDING B GROWING I NEARBY.	, Sec. 24, NE (M) RES GROUNDWATER REC BOUT 2 MILES NORTHWE BASIN 5A. WITHIN THE NW IN A LARGE, SHALLOW FI	ST OF THE FRE / 1/4 OF THE NE RESHWATER PO	Acres: SOUTH OF ASHLAN AVE & WE SNO AIR TERMINAL BUILDING 1/4 OF SECTION 24.	0.0 EST OF SIERRA VISTA AVE, 3. PLANTS FOUND IN NW CO SAGITTARIA LATIFOLIA OCO	ORNER OF
PLSS: Location: Detailed Location: Ecological:	T13S, R20E LEAKY ACR BASIN IS AE PONDING B GROWING I NEARBY.	, Sec. 24, NE (M) RES GROUNDWATER REC BOUT 2 MILES NORTHWE BASIN 5A. WITHIN THE NW IN A LARGE, SHALLOW FF N 100 PLANTS OBSERVED	ST OF THE FRE / 1/4 OF THE NE RESHWATER PO	Acres: SOUTH OF ASHLAN AVE & WE SNO AIR TERMINAL BUILDING 1/4 OF SECTION 24. DND IN ABOUT 6" OF WATER.	0.0 EST OF SIERRA VISTA AVE, 3. PLANTS FOUND IN NW CO SAGITTARIA LATIFOLIA OCO	ORNER OF
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager:	T13S, R20E LEAKY ACR BASIN IS AE PONDING B GROWING I NEARBY. MORE THAI CITY OF FR	, Sec. 24, NE (M) RES GROUNDWATER REC BOUT 2 MILES NORTHWE BASIN 5A. WITHIN THE NM IN A LARGE, SHALLOW FF N 100 PLANTS OBSERVED RESNO	ST OF THE FRE / 1/4 OF THE NE RESHWATER PO D IN 1993. EMEF	Acres: SOUTH OF ASHLAN AVE & WE SNO AIR TERMINAL BUILDING 1/4 OF SECTION 24. DND IN ABOUT 6" OF WATER.	0.0 EST OF SIERRA VISTA AVE, B. PLANTS FOUND IN NW CO SAGITTARIA LATIFOLIA OCO CE AT THIS SITE.	DRNER OF
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No.	T13S, R20E LEAKY ACR BASIN IS AE PONDING B GROWING I NEARBY. MORE THAI CITY OF FR	, Sec. 24, NE (M) RES GROUNDWATER REC BOUT 2 MILES NORTHWE BASIN 5A. WITHIN THE NW IN A LARGE, SHALLOW FF N 100 PLANTS OBSERVED	ST OF THE FRE / 1/4 OF THE NE RESHWATER PO D IN 1993. EMEF EO Index:	Acres: SOUTH OF ASHLAN AVE & WE SNO AIR TERMINAL BUILDING 1/4 OF SECTION 24. DND IN ABOUT 6" OF WATER. RGENT VEGETATION IS SCARG 108249	0.0 EST OF SIERRA VISTA AVE, 6. PLANTS FOUND IN NW CO SAGITTARIA LATIFOLIA OCO CE AT THIS SITE. Element Last Seen:	DRNER OF CURS 2014-08-29
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager:	T13S, R20E LEAKY ACR BASIN IS AE PONDING E GROWING I NEARBY. MORE THAI CITY OF FR 103 Good	, Sec. 24, NE (M) RES GROUNDWATER REC BOUT 2 MILES NORTHWE BASIN 5A. WITHIN THE NM IN A LARGE, SHALLOW FF N 100 PLANTS OBSERVED RESNO	ST OF THE FRE / 1/4 OF THE NE RESHWATER PO D IN 1993. EMEF	Acres: SOUTH OF ASHLAN AVE & WE SNO AIR TERMINAL BUILDING 1/4 OF SECTION 24. DND IN ABOUT 6" OF WATER.	0.0 EST OF SIERRA VISTA AVE, B. PLANTS FOUND IN NW CO SAGITTARIA LATIFOLIA OCO CE AT THIS SITE.	2014-08-29 2014-08-29
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	T13S, R20E LEAKY ACR BASIN IS AE PONDING E GROWING I NEARBY. MORE THAI CITY OF FR 103 Good Natural/Nativ	, Sec. 24, NE (M) RES GROUNDWATER REC BOUT 2 MILES NORTHWE BASIN 5A. WITHIN THE NW IN A LARGE, SHALLOW FF N 100 PLANTS OBSERVED RESNO Map Index: A6487 we occurrence	ST OF THE FRE / 1/4 OF THE NE RESHWATER PO D IN 1993. EMEF EO Index: Presence:	Acres: SOUTH OF ASHLAN AVE & WE SNO AIR TERMINAL BUILDING 1/4 OF SECTION 24. DND IN ABOUT 6" OF WATER. RGENT VEGETATION IS SCARG 108249 Presumed Extant	0.0 EST OF SIERRA VISTA AVE, G. PLANTS FOUND IN NW CO SAGITTARIA LATIFOLIA OCO CE AT THIS SITE. Element Last Seen: Site Last Seen:	2014-08-29 2014-08-29
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	T13S, R20E LEAKY ACR BASIN IS AE PONDING E GROWING I NEARBY. MORE THAI CITY OF FR 103 Good	, Sec. 24, NE (M) RES GROUNDWATER REC BOUT 2 MILES NORTHWE BASIN 5A. WITHIN THE NW IN A LARGE, SHALLOW FF N 100 PLANTS OBSERVED RESNO Map Index: A6487 we occurrence	ST OF THE FRE / 1/4 OF THE NE RESHWATER PO D IN 1993. EMEF EO Index: Presence:	Acres: SOUTH OF ASHLAN AVE & WE SNO AIR TERMINAL BUILDING 1/4 OF SECTION 24. DND IN ABOUT 6" OF WATER. RGENT VEGETATION IS SCARG 108249 Presumed Extant	0.0 EST OF SIERRA VISTA AVE, G. PLANTS FOUND IN NW CO SAGITTARIA LATIFOLIA OCO CE AT THIS SITE. Element Last Seen: Site Last Seen:	2014-08-29 2014-08-29
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	T13S, R20E LEAKY ACR BASIN IS AE PONDING B GROWING I NEARBY. MORE THAI CITY OF FR 103 Good Natural/Nativ Friant (3611) Fresno	, Sec. 24, NE (M) RES GROUNDWATER REC BOUT 2 MILES NORTHWE BASIN 5A. WITHIN THE NW IN A LARGE, SHALLOW FF N 100 PLANTS OBSERVED RESNO Map Index: A6487 ve occurrence 986)	ST OF THE FRE / 1/4 OF THE NE RESHWATER PO D IN 1993. EMEF EO Index: Presence:	Acres: SOUTH OF ASHLAN AVE & WE SNO AIR TERMINAL BUILDING 1/4 OF SECTION 24. DND IN ABOUT 6" OF WATER. RGENT VEGETATION IS SCARG 108249 Presumed Extant Unknown	0.0 EST OF SIERRA VISTA AVE, G. PLANTS FOUND IN NW CO SAGITTARIA LATIFOLIA OCO CE AT THIS SITE. Element Last Seen: Site Last Seen: Record Last Updated:	2014-08-29 2014-08-29
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	T13S, R20E LEAKY ACR BASIN IS AE PONDING B GROWING I NEARBY. MORE THAI CITY OF FR 103 Good Natural/Nativ Friant (3611) Fresno 36.98641 / -	, Sec. 24, NE (M) RES GROUNDWATER REC BOUT 2 MILES NORTHWE BASIN 5A. WITHIN THE NM IN A LARGE, SHALLOW FF N 100 PLANTS OBSERVED RESNO Map Index: A6487 ve occurrence 986) 119.71856	ST OF THE FRE / 1/4 OF THE NE RESHWATER PO D IN 1993. EMEF EO Index: Presence:	Acres: SOUTH OF ASHLAN AVE & WE SNO AIR TERMINAL BUILDING 1/4 OF SECTION 24. DND IN ABOUT 6" OF WATER. : RGENT VEGETATION IS SCARG 108249 Presumed Extant Unknown Accuracy:	0.0 EST OF SIERRA VISTA AVE, S. PLANTS FOUND IN NW CO SAGITTARIA LATIFOLIA OCO CE AT THIS SITE. Element Last Seen: Site Last Seen: Record Last Updated: 80 meters	2014-08-29 2014-08-29
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	T13S, R20E LEAKY ACR BASIN IS AE PONDING E GROWING I NEARBY. MORE THAI CITY OF FR 103 Good Natural/Nativ Friant (3611) Fresno 36.98641 / - Zone-11 N40	, Sec. 24, NE (M) RES GROUNDWATER REC BOUT 2 MILES NORTHWE BASIN 5A. WITHIN THE NW IN A LARGE, SHALLOW FF N 100 PLANTS OBSERVED RESNO Map Index: A6487 ve occurrence 986)	ST OF THE FRE / 1/4 OF THE NE RESHWATER PO D IN 1993. EMEF EO Index: Presence:	Acres: SOUTH OF ASHLAN AVE & WE SNO AIR TERMINAL BUILDING 1/4 OF SECTION 24. DND IN ABOUT 6" OF WATER. RGENT VEGETATION IS SCARG 108249 Presumed Extant Unknown	0.0 EST OF SIERRA VISTA AVE, G. PLANTS FOUND IN NW CO SAGITTARIA LATIFOLIA OCO CE AT THIS SITE. Element Last Seen: Site Last Seen: Record Last Updated:	2014-08-29 2014-08-29
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	T13S, R20E LEAKY ACR BASIN IS AE PONDING B GROWING I NEARBY. MORE THAI CITY OF FR 103 Good Natural/Nativ Friant (3611) Fresno 36.98641 / - Zone-11 N40 T11S, R21E	, Sec. 24, NE (M) RES GROUNDWATER REC BOUT 2 MILES NORTHWE BASIN 5A. WITHIN THE NM IN A LARGE, SHALLOW FF N 100 PLANTS OBSERVED RESNO Map Index: A6487 ve occurrence 986) 119.71856 096820 E258045 , Sec. 7, SE (M)	ST OF THE FRE / 1/4 OF THE NE RESHWATER PO D IN 1993. EMEF EO Index: Presence: Trend:	Acres: SOUTH OF ASHLAN AVE & WE SNO AIR TERMINAL BUILDING 1/4 OF SECTION 24. DND IN ABOUT 6" OF WATER. : RGENT VEGETATION IS SCARG 108249 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	0.0 EST OF SIERRA VISTA AVE, S. PLANTS FOUND IN NW CO SAGITTARIA LATIFOLIA OCO CE AT THIS SITE. Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 310 5.0	DRNER OF CURS 2014-08-29 2014-08-29 2017-09-22
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	T13S, R20E LEAKY ACR BASIN IS AE PONDING B GROWING I NEARBY. MORE THAI CITY OF FR 103 Good Natural/Nativ Friant (3611) Fresno 36.98641 / Zone-11 N40 T11S, R21E SAN JOAQU	, Sec. 24, NE (M) RES GROUNDWATER REC BOUT 2 MILES NORTHWE BASIN 5A. WITHIN THE NM IN A LARGE, SHALLOW FF N 100 PLANTS OBSERVED RESNO Map Index: A6487 ve occurrence 986) 119.71856 096820 E258045 , Sec. 7, SE (M) JIN RIVER HATCHERY EF	ST OF THE FRE / 1/4 OF THE NE RESHWATER PO D IN 1993. EMEF EO Index: Presence: Trend: FLUENT POND,	Acres: SOUTH OF ASHLAN AVE & WE SNO AIR TERMINAL BUILDING 1/4 OF SECTION 24. DND IN ABOUT 6" OF WATER. RGENT VEGETATION IS SCARG 108249 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: SOUTH SIDE OF SAN JOAQUI	0.0 EST OF SIERRA VISTA AVE, G. PLANTS FOUND IN NW CO SAGITTARIA LATIFOLIA OCO CE AT THIS SITE. Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 310 5.0 N RIVER, ~1.2 AIR MI SW OF	DRNER OF CURS 2014-08-29 2014-08-29 2017-09-22
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	T13S, R20E LEAKY ACR BASIN IS AE PONDING B GROWING I NEARBY. MORE THAI CITY OF FR 103 Good Natural/Nativ Friant (3611) Fresno 36.98641 / - Zone-11 N40 T11S, R21E SAN JOAQU ON THE SO	, Sec. 24, NE (M) RES GROUNDWATER REC BOUT 2 MILES NORTHWE BASIN 5A. WITHIN THE NM IN A LARGE, SHALLOW FF N 100 PLANTS OBSERVED RESNO Map Index: A6487 ve occurrence 986) 119.71856 096820 E258045 , Sec. 7, SE (M) JIN RIVER HATCHERY EF	ST OF THE FRE / 1/4 OF THE NE RESHWATER PO D IN 1993. EMEF EO Index: Presence: Trend: FLUENT POND, OND. MAPPED	Acres: SOUTH OF ASHLAN AVE & WE SNO AIR TERMINAL BUILDING 1/4 OF SECTION 24. DND IN ABOUT 6" OF WATER. RGENT VEGETATION IS SCARG 108249 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: SOUTH SIDE OF SAN JOAQUI IN THE NW 1/4 OF THE SE 1/4	0.0 EST OF SIERRA VISTA AVE, S. PLANTS FOUND IN NW CO SAGITTARIA LATIFOLIA OCO CE AT THIS SITE. Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 310 5.0 N RIVER, ~1.2 AIR MI SW OF OF SECTION 7.	DRNER OF CURS 2014-08-29 2014-08-29 2017-09-22
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	T13S, R20E LEAKY ACR BASIN IS AE PONDING B GROWING I NEARBY. MORE THAI CITY OF FR 103 Good Natural/Nativ Friant (3611) Fresno 36.98641 / Zone-11 N40 T11S, R21E SAN JOAQU ON THE SO WETLAND E	, Sec. 24, NE (M) RES GROUNDWATER REC BOUT 2 MILES NORTHWE BASIN 5A. WITHIN THE NM IN A LARGE, SHALLOW FF N 100 PLANTS OBSERVED RESNO Map Index: A6487 ve occurrence 986) 119.71856 096820 E258045 , Sec. 7, SE (M) JIN RIVER HATCHERY EF	ST OF THE FRE / 1/4 OF THE NE RESHWATER PO D IN 1993. EMEF EO Index: Presence: Trend: FLUENT POND, OND. MAPPED	Acres: SOUTH OF ASHLAN AVE & WE SNO AIR TERMINAL BUILDING 1/4 OF SECTION 24. DND IN ABOUT 6" OF WATER. RGENT VEGETATION IS SCARG 108249 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: SOUTH SIDE OF SAN JOAQUI	0.0 EST OF SIERRA VISTA AVE, S. PLANTS FOUND IN NW CO SAGITTARIA LATIFOLIA OCO CE AT THIS SITE. Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 310 5.0 N RIVER, ~1.2 AIR MI SW OF OF SECTION 7.	DRNER OF CURS 2014-08-29 2014-08-29 2017-09-22

Commercial Version -- Dated September, 1 2019 -- Biogeographic Data Branch Report Printed on Wednesday, September 11, 2019



California Natural Diversity Database



Element Code: PMPOA3D020

Imnerata	brevifolia
IIIIperala	Dieviiolia

California satinta	il				
Listing Status:	Federal:	None		CNDDB Element Ran	ks: Global: G4
	State:	None			State: S3
	Other:	Rare Plant Rank - 2B.1, SB	SBBG-Santa B	arbara Botanic Garden, USFS_S	-Sensitive
Habitat:	General:	COASTAL SCRUB, CHAPA (ALKALI), RIPARIAN SCRU		AN SCRUB, MOJAVEAN DESER	T SCRUB, MEADOWS AND SEEPS
	Micro:	MESIC SITES, ALKALI SEI	EPS, RIPARIAN	AREAS. 3-1495 M.	
Occurrence No.	22	Map Index: 46277	EO Index:	69854	Element Last Seen: 1893-07-3
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen: 1893-07-3
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated: 2007-04-2
Quad Summary:	Malaga (3	3611966), Fresno South (3611	967), Clovis (36′	11976), Fresno North (3611977)	
County Summary:	Fresno				
Lat/Long:	36.77388	/ -119.77951		Accuracy:	5 miles
UTM:	Zone-11 N	N4073392 E251931		Elevation (ft):	300
PLSS:	T13S, R2	0E, Sec. 27 (M)		Acres:	0.0
Location:	FRESNO.				
Detailed Location:	EXACT LO	OCATION UNKNOWN. MAPF	PED BY CNDDB	AS A BEST GUESS AROUND F	RESNO.
Ecological:					
General:	ONLY SO FIELDWC		OR THIS OCCUP	RRENCE IS AN 1893 COLLECTION	ON BY WILSON, ET AL. NEEDS
Owner/Manager:	UNKNOW	٧N			
Orcuttia pilosa	1				Element Code: PMPOA4G040
hairy Orcutt gras	S				
Listing Status:	Federal:	Endangered		CNDDB Element Ran	ks: Global: G1
	State:	Endangered			State: S1
	Other:	Rare Plant Rank - 1B.1			
Habitat:	General:	VERNAL POOLS.			
	Micro:	25-125 M.			



California Department of Fish and Wildlife



Occurrence No.	15	Map Index: 14329	EO Index:	22325	Element Last Seen:	1941-05-31
Occ. Rank:	None		Presence:	Extirpated	Site Last Seen:	1987-06-02
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	1995-07-21
Quad Summary:	Madera (361	12081)				
County Summary:	Madera					
Lat/Long:	36.99300 / -	120.00543		Accuracy:	1/5 mile	
UTM:	Zone-10 N4	098288 E766503		Elevation (ft):	300	
PLSS:	T11S, R18E	, Sec. 09, NE (M)		Acres:	0.0	
Location:	4 MILES EA	ST OF MADERA.				
Detailed Location:				E "3 MILES OUT OF MADERA (145 AND ROADS 300 AND 400		ARE ALSO
Ecological:						
General:	AREA SEAF		T NO SUITABLE	HABITAT REMAINS; SITE EX	TIRPATED. INCLUDES FORM	IER
Owner/Manager:	PVT	NCE #14.				
Owner/Manager: Occurrence No.		MCE #14. Map Index: 14334	EO Index:	25989	Element Last Seen:	1986-05-21
	PVT		EO Index: Presence:	25989 Possibly Extirpated	Element Last Seen: Site Last Seen:	1986-05-21 2010-08-08
Occurrence No.	PVT 19 None					
Occurrence No. Occ. Rank:	PVT 19 None	Map Index: 14334 ve occurrence	Presence:	Possibly Extirpated	Site Last Seen:	2010-08-08
Occurrence No. Occ. Rank: Occ. Type:	PVT 19 None Natural/Nativ	Map Index: 14334 ve occurrence	Presence:	Possibly Extirpated	Site Last Seen:	2010-08-08
Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	PVT 19 None Natural/Nativ Madera (361	Map Index: 14334 ve occurrence 12081)	Presence:	Possibly Extirpated	Site Last Seen:	2010-08-08
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	PVT 19 None Natural/Nativ Madera (361 Madera 36.96793 / -	Map Index: 14334 ve occurrence 12081)	Presence:	Possibly Extirpated Decreasing	Site Last Seen: Record Last Updated:	2010-08-08
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	PVT 19 None Natural/Nativ Madera (361 Madera 36.96793 / - Zone-10 N44	Map Index: 14334 ve occurrence 12081) 120.00583	Presence:	Possibly Extirpated Decreasing Accuracy:	Site Last Seen: Record Last Updated: specific area	2010-08-08
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	PVT 19 None Natural/Nativ Madera (361 Madera 36.96793 / - Zone-10 N44 T11S, R18E	Map Index: 14334 ve occurrence 12081) 120.00583 095505 E766555 5, Sec. 16, SE (M)	Presence: Trend:	Possibly Extirpated Decreasing Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: specific area 360 14.6	2010-08-08
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	PVT 19 None Natural/Nativ Madera (361 Madera 36.96793 / - Zone-10 N44 T11S, R18E 0.5-0.9 MILE POOLS ON	Map Index: 14334 ve occurrence 12081) 120.00583 095505 E766555 5, Sec. 16, SE (M) E EAST OF SANTA FE RAIL	Presence: Trend: .ROAD TRACKS	Possibly Extirpated Decreasing Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 360 14.6 JE 15, EAST OF MADERA.	2010-08-08 2013-04-24
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	PVT 19 None Natural/Nativ Madera (361 Madera 36.96793 / - Zone-10 N44 T11S, R18E 0.5-0.9 MILE POOLS ON AND THE N REMNANT	Map Index: 14334 ve occurrence 12081) 120.00583 095505 E766555 5, Sec. 16, SE (M) E EAST OF SANTA FE RAIL THE SOUTH SIDE OF AVE 1/4 OF THE NE 1/4 OF SE VERNAL POOLS ON CLAY	Presence: Trend: ROAD TRACKS NUE 15 ARE IN CTION 21. SOIL, WITHIN F	Possibly Extirpated Decreasing Accuracy: Elevation (ft): Acres: S, ON BOTH SIDES OF AVENU	Site Last Seen: Record Last Updated: specific area 360 14.6 JE 15, EAST OF MADERA. HE SE 1/4 OF THE SE 1/4 OF DCIATED WITH DOWNINGIA,	2010-08-08 2013-04-24 SECTION 16
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	PVT 19 None Natural/Nativ Madera (361 Madera 36.96793 / - Zone-10 N44 T11S, R18E 0.5-0.9 MILE POOLS ON AND THE N REMNANT PARADOXA POPULATIO	Map Index: 14334 ve occurrence 12081) 120.00583 095505 E766555 5, Sec. 16, SE (M) E EAST OF SANTA FE RAIL THE SOUTH SIDE OF AVE 1/4 OF THE NE 1/4 OF SE VERNAL POOLS ON CLAY 0, ERYNGIUM VASEYI, LYT	Presence: Trend: .ROAD TRACKS NUE 15 ARE IN CTION 21. SOIL, WITHIN F HRUM HYSSOF S IN LESS THAN	Possibly Extirpated Decreasing Accuracy: Elevation (ft): Acres: S, ON BOTH SIDES OF AVENU I BARLEY. MAPPED WITHIN T REMNANT GRASSLAND. ASSO PIFOLIA, AND PSILOCARPHUS I ONE HECTARE IN 1982. 3 PL	Site Last Seen: Record Last Updated: specific area 360 14.6 JE 15, EAST OF MADERA. HE SE 1/4 OF THE SE 1/4 OF DCIATED WITH DOWNINGIA, S BREVISSUMUS.	2010-08-08 2013-04-24 SECTION 16 PHALARIS



California Department of Fish and Wildlife



Occurrence No.	22	Map Index: 14504	EO Index:	2300	Element Last Seen:	1986-05-21
Occ. Rank:	None		Presence:	Possibly Extirpated	Site Last Seen:	2010-08-07
Осс. Туре:	Natural/Nativ	/e occurrence	Trend:	Unknown	Record Last Updated:	2013-06-06
Quad Summary:	Gregg (3611	988)				
County Summary:	Madera					
Lat/Long:	36.88520 / -1	119 89480		Accuracy:	specific area	
UTM:		086051 E242014		Elevation (ft):	315	
PLSS:		, Sec. 16, SE (M)		Acres:	7.3	
Location:		AST OF HIGHWAY 99 ON A	VENUE 9 AT (CORNER OF AVENUE 9 AND R		EGG
Detailed Location:	ABOUT 0.2 M			TION 16. WETLAND FEATURE OWN IF ORIGINAL MAPS ARE		
Ecological:		NAL POOL ON DRY CLAY I DIANDRUS, AND AGOSERI		ASSLAND. ASSOCIATED WITH YLLA.	I DOWNINGIA, ERYNGIUM, I	BROMUS
General:		AN 1000 PLANTS OBSERVE DDOCK WITH NO VEGETAT) PLANTS OBSERVED IN 1986. Y EXTIRPATED.	WINDSHIELD SURVEY IN 2	010 SHOWS A
Owner/Manager:	PVT					
0			501	2301	Element Last Seen:	
Occurrence No.	28	Map Index: 14519	EO Index:	2301	Element Last Seen:	1986-08-10
Occurrence No. Occ. Rank:	28 None	Map Index: 14519	EO Index: Presence:	Possibly Extirpated	Site Last Seen:	1986-08-10 1986-08-10
	None	Map Index: 14519				
Occ. Rank:	None	ve occurrence	Presence:	Possibly Extirpated	Site Last Seen:	1986-08-10
Occ. Rank: Occ. Type:	None Natural/Nativ	ve occurrence	Presence:	Possibly Extirpated	Site Last Seen:	1986-08-10
Occ. Rank: Occ. Type: Quad Summary:	None Natural/Nativ Herndon (36	ve occurrence 11978)	Presence:	Possibly Extirpated	Site Last Seen:	1986-08-10
Occ. Rank: Occ. Type: Quad Summary: County Summary:	None Natural/Nativ Herndon (36 Madera 36.87040 / -1	ve occurrence 11978)	Presence:	Possibly Extirpated Unknown	Site Last Seen: Record Last Updated:	1986-08-10
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	None Natural/Nativ Herndon (36 Madera 36.87040 / -1 Zone-11 N40	ve occurrence 11978) 119.88708	Presence:	Possibly Extirpated Unknown Accuracy:	Site Last Seen: Record Last Updated: specific area	1986-08-10
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	None Natural/Nativ Herndon (36 Madera 36.87040 / -1 Zone-11 N40 T12S, R19E,	ve occurrence 11978) 119.88708 084387 E242653 , Sec. 22, SW (M) DOL NORTHEAST OF INTER	Presence: Trend:	Possibly Extirpated Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: specific area 310 9.6	1986-08-10 2013-04-25
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	None Natural/Nativ Herndon (36 Madera 36.87040 / -1 Zone-11 N40 T12S, R19E, VERNAL PO OF HERNDO	ve occurrence 11978) 119.88708 084387 E242653 , Sec. 22, SW (M) DOL NORTHEAST OF INTER	Presence: Trend:	Possibly Extirpated Unknown Accuracy: Elevation (ft): Acres: AVENUE 8 AND ROAD 36, APP	Site Last Seen: Record Last Updated: specific area 310 9.6	1986-08-10 2013-04-25
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	None Natural/Nativ Herndon (36 Madera 36.87040 / -1 Zone-11 N40 T12S, R19E, VERNAL PO OF HERNDO MAPPED IN VERNAL PO	ve occurrence 11978) 119.88708 084387 E242653 , Sec. 22, SW (M) OOL NORTHEAST OF INTER DN. THE NE 1/4 OF THE SW 1/4	Presence: Trend: RSECTION OF 4 OF SECTION YNGIUM VASE	Possibly Extirpated Unknown Accuracy: Elevation (ft): Acres: AVENUE 8 AND ROAD 36, APP	Site Last Seen: Record Last Updated: specific area 310 9.6 ROXIMATELY 3 AIR MILES I	1986-08-10 2013-04-25
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	None Natural/Nativ Herndon (36 Madera 36.87040 / -1 Zone-11 N40 T12S, R19E, VERNAL PO OF HERNDO MAPPED IN VERNAL PO SURROUND 200 PLANTS ACCORDING	ve occurrence 11978) 119.88708 084387 E242653 0, Sec. 22, SW (M) OOL NORTHEAST OF INTER DN. THE NE 1/4 OF THE SW 1/4 OOL WITH ASSOCIATES ER DED BY ANNUAL GRASSLA S OBSERVED IN 1986; OWN	Presence: Trend: RSECTION OF 4 OF SECTION YNGIUM VASE ND. NER WILL ALLO AL PHOTOGR	Possibly Extirpated Unknown Accuracy: Elevation (ft): Acres: AVENUE 8 AND ROAD 36, APP 1 22. EYI, TRICHOSTEMA LANCEOL/ DW ACCESS FOR FUTURE STI APPHY SHOWS VARIOUS PLOW	Site Last Seen: Record Last Updated: specific area 310 9.6 ROXIMATELY 3 AIR MILES I ATUM, AND DOWNINGIA SP JDIES. POSSIBLY EXTIRPAT	1986-08-10 2013-04-25 NORTHEAST



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Occurrence No.	29	Map Index: 36530	EO Index:	2303	Element Last Seen:	1986-08-15
Occ. Rank:	None		Presence:	Possibly Extirpated	Site Last Seen:	2010-08-09
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Decreasing	Record Last Updated:	2018-09-18
Quad Summary:	Lanes Bridge	e (3611987)				
County Summary:	Madera					
Lat/Long:	36.95009 / -′	119.79510		Accuracy:	80 meters	
UTM:	Zone-11 N40	092986 E251113		Elevation (ft):	410	
PLSS:	T11S, R20E	, Sec. 28, NW (M)		Acres:	0.0	
Location:	WEST OF S BRIDGE.	TATE ROUTE 41, 1.9 MILE	S NORTH OF IN	NTERSECTION WITH AVENUE	12 AND 5.1 MILES NORTH C	F LANES
Detailed Location:		I SINGLE POOL, ABOUT 0.7 4 OF SECTION 28.	7 MILE SOUTH	OF ROAD 204 AND 0.1 MILE W	EST OF SR 41. WITHIN THE	NE 1/4 OF
Ecological:	GRAINFIELD		ERYNGIUM VA	QUIN FINE SANDY LOAM. POC SEYI, TRICHOSTEMA SP., ELE NTHUS, ETC.		
General:				2. NO PLANTS FOUND DURIN SA, IN 1992 ID'D AS O. INAEQ		010.
Owner/Manager:	PVT					
Occurrence No.	45	Map Index: 37744	EO Index:	32752	Element Last Seen:	1995-09-12
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2010-08-09
Осс. Туре:	Natural/Nativ	10 000Urron00	Trend:	Unknown	Record Last Updated:	
	inalural/inali	ve occurrence		•	Record Last opulied.	2013-05-29
Quad Summary:	Lanes Bridge					2013-05-29
Quad Summary: County Summary:						2013-05-29
-	Lanes Bridge	e (3611987)		Accuracy:	80 meters	2013-05-29
County Summary:	Lanes Bridge Madera 36.94359 / -′	e (3611987)				2013-05-29
County Summary: Lat/Long:	Lanes Bridge Madera 36.94359 / -⁄ Zone-11 N40	e (3611987) 119.79300		Accuracy:	80 meters	2013-05-29
County Summary: Lat/Long: UTM:	Lanes Bridge Madera 36.94359 / -' Zone-11 N40 T11S, R20E	e (3611987) 119.79300 092260 E251277 5, Sec. 28, SE (M)	.4 MILES NORT	Accuracy: Elevation (ft):	80 meters 400 0.0	2013-05-29
County Summary: Lat/Long: UTM: PLSS:	Lanes Bridge Madera 36.94359 / - Zone-11 N40 T11S, R20E EAST SIDE	e (3611987) 119.79300 092260 E251277 5, Sec. 28, SE (M)		Accuracy: Elevation (ft): Acres: TH OF AVENUE 12, NORTH OF	80 meters 400 0.0	2013-05-29
County Summary: Lat/Long: UTM: PLSS: Location:	Lanes Bridge Madera 36.94359 / - ² Zone-11 N40 T11S, R20E EAST SIDE JUST NORT SWALE-LIKE	e (3611987) 119.79300 092260 E251277 5, Sec. 28, SE (M) OF HIGHWAY 41 ABOUT 1 TH OF EAST-WEST RUNNIN	NG TRANSMISS NON-NATIVE GI	Accuracy: Elevation (ft): Acres: TH OF AVENUE 12, NORTH OF	80 meters 400 0.0 LANES BRIDGE.	
County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Lanes Bridge Madera 36.94359 / - ² Zone-11 N40 T11S, R20E EAST SIDE JUST NORT SWALE-LIKE VASEYI, AN 50 PLANTS	e (3611987) 119.79300 092260 E251277 5, Sec. 28, SE (M) OF HIGHWAY 41 ABOUT 1 TH OF EAST-WEST RUNNIN E VERNAL POOL WITHIN N ID PLAGIOBOTHRYS STIPI OBSERVED IN 1995. HABI	NG TRANSMISS ION-NATIVE GI TATUS. TAT PRESENT,	Accuracy: Elevation (ft): Acres: TH OF AVENUE 12, NORTH OF SION LINES.	80 meters 400 0.0 LANES BRIDGE. H DOWNINGIA ORNATISSIM 010. LAND WAS PURCHASE	1A, ERYNGIUM D TO



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Occurrence No.	48	Map Index: 83415	EO Index:	84430	Element Last Seen:	2010-06-29
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2017-06-16
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2018-09-28
Quad Summary:	Lanes Bridg	e (3611987)				
County Summary:	Madera					
Lat/Long:	36.94797 / -	119.78983		Accuracy:	specific area	
UTM:	Zone-11 N4	092737 E251574		Elevation (ft):	405	
PLSS:	T11S, R20E	, Sec. 28, NE (M)		Acres:	1.0	
Location:	EAST SIDE	OF HIGHWAY 41, APPRO>	(IMATELY 0.9 N	/ILE SOUTH OF ROAD 204, NO	RTH OF FRESNO.	
Detailed Location:				E 1/4 OF SECTION 28 ACCORD TRANSFERRING THIS PROPER		PROVIDED
Ecological:	CLEISTOGA		ALIS, PSILOCA	L SURROUNDED BY ANNUAL (RPHUS BREVISSIMUS, LYTHR TRENSE).		
0		SEEN IN 2010. NOT FOUND		HAVE BEEN OUT COMPETED		
General:	PLANTS. TH	HIS IS A NATURAL POPULA IENT OF VERNAL POOLS		2009 THE SITE UNDERWENT T	HE CREATION, RESTORAT	ION, AND
General: Owner/Manager:	PLANTS. TH			2009 THE SITE UNDERWENT T	HE CREATION, RESTORAT	ION, AND
	PLANTS. TH ENHANCEN			112592	HE CREATION, RESTORAT	ION, AND 2017-06-20
Owner/Manager:	PLANTS. TH ENHANCEN CALTRANS	IENT OF VERNAL POOLS	AND SWALES.			
Owner/Manager: Occurrence No.	PLANTS. TH ENHANCEM CALTRANS 49 Good	IENT OF VERNAL POOLS	AND SWALES.	112592	Element Last Seen:	2017-06-20
Owner/Manager: Occurrence No. Occ. Rank:	PLANTS. TH ENHANCEM CALTRANS 49 Good Natural/Nativ	IENT OF VERNAL POOLS . Map Index: B0724	AND SWALES. EO Index: Presence:	112592 Presumed Extant	Element Last Seen: Site Last Seen:	2017-06-20 2017-06-20
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	PLANTS. TH ENHANCEM CALTRANS 49 Good Natural/Nativ	Map Index: B0724	AND SWALES. EO Index: Presence:	112592 Presumed Extant	Element Last Seen: Site Last Seen:	2017-06-20 2017-06-20
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	PLANTS. TH ENHANCEM CALTRANS 49 Good Natural/Nativ Gregg (3611	Map Index: B0724 ve occurrence 1988), Madera (3612081)	AND SWALES. EO Index: Presence:	112592 Presumed Extant	Element Last Seen: Site Last Seen:	2017-06-20 2017-06-20
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	PLANTS. TH ENHANCEM CALTRANS 49 Good Natural/Nativ Gregg (3611 Madera 36.95354 / -	Map Index: B0724 ve occurrence 1988), Madera (3612081)	AND SWALES. EO Index: Presence:	112592 Presumed Extant Unknown	Element Last Seen: Site Last Seen: Record Last Updated:	2017-06-20 2017-06-20
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	PLANTS. TH ENHANCEM CALTRANS 49 Good Natural/Nativ Gregg (3611 Madera 36.95354 / - Zone-10 N44	Map Index: B0724 ve occurrence 1988), Madera (3612081) 120.00161	AND SWALES. EO Index: Presence:	112592 Presumed Extant Unknown Accuracy:	Element Last Seen: Site Last Seen: Record Last Updated: specific area	2017-06-20 2017-06-20
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	PLANTS. TH ENHANCEM CALTRANS 49 Good Natural/Nativ Gregg (3611 Madera 36.95354 / - Zone-10 N44 T11S, R18E	Map Index: B0724 ve occurrence 1988), Madera (3612081) 120.00161 093920 E766981 , Sec. 21, E (M)	AND SWALES. EO Index: Presence: Trend:	112592 Presumed Extant Unknown Accuracy: Elevation (ft):	Element Last Seen: Site Last Seen: Record Last Updated: specific area 290 8.0	2017-06-20 2017-06-20
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	PLANTS. TH ENHANCEM CALTRANS 49 Good Natural/Nativ Gregg (3611 Madera 36.95354 / - Zone-10 N44 T11S, R18E ALONG BOT 4 POLYGON	Map Index: B0724 we occurrence 1988), Madera (3612081) 120.00161 093920 E766981 , Sec. 21, E (M) TH SIDES OF BNSF RAILW	AND SWALES. EO Index: Presence: Trend: 'AY BETWEEN TO 2016 HERM	112592 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Element Last Seen: Site Last Seen: Record Last Updated: specific area 290 8.0 REEK, EAST OF MADERA. DE GROOT COORDINATES,	2017-06-20 2017-06-20 2019-02-15
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	PLANTS. TH ENHANCEM CALTRANS 49 Good Natural/Nativ Gregg (3611 Madera 36.95354 / - Zone-10 N44 T11S, R18E ALONG BOT 4 POLYGON TOEWS CO DEPRESSIC MACROSTA	Map Index: B0724 We occurrence 1988), Madera (3612081) 120.00161 093920 E766981 , Sec. 21, E (M) TH SIDES OF BNSF RAILW NS MAPPED ACCORDING ORDINATES, IN THE EAST DNAL FEATURES WITHIN (AND SWALES. EO Index: Presence: Trend: AY BETWEEN TO 2016 HERM 1/2 OF SECTIO CULTIVATED G OLIA, DOWNIN	112592 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: AVE 15 AND COTTONWOOD C ANSEN COORDINATES, 2016 D ON 21 AND THE NW 1/4 OF THE RAIN FIELDS, VERNAL POOLS GIA BICORNUTA, SAGITTARIA	Element Last Seen: Site Last Seen: Record Last Updated: specific area 290 8.0 REEK, EAST OF MADERA. DE GROOT COORDINATES, NW 1/4 OF SECTION 27. ASSOCIATED WITH ELEOO	2017-06-20 2017-06-20 2019-02-15 AND 2017
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	PLANTS. TH ENHANCEM CALTRANS 49 Good Natural/Natin Gregg (3611 Madera 36.95354 / - Zone-10 N44 T11S, R18E ALONG BOT 4 POLYGON TOEWS CO DEPRESSIC MACROSTA ERYNGIUM 2016: 11 PL	Map Index: B0724 Map Index: B0724 ve occurrence 988), Madera (3612081) 120.00161 093920 E766981 , Sec. 21, E (M) TH SIDES OF BNSF RAILW NS MAPPED ACCORDING ORDINATES, IN THE EAST ONAL FEATURES WITHIN (ACHYA, TYPHA ANGUSTIF VASEYI, POLYGONUM AV ANTS SEEN IN 2ND N-MOS	AND SWALES. EO Index: Presence: Trend: VAY BETWEEN TO 2016 HERM TO 2016 HERM T/2 OF SECTIO CULTIVATED G OLIA, DOWNIN ICULARE, ETC ST POLYGON, 5	112592 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: AVE 15 AND COTTONWOOD C ANSEN COORDINATES, 2016 D ON 21 AND THE NW 1/4 OF THE RAIN FIELDS, VERNAL POOLS GIA BICORNUTA, SAGITTARIA	Element Last Seen: Site Last Seen: Record Last Updated: specific area 290 8.0 REEK, EAST OF MADERA. DE GROOT COORDINATES, NW 1/4 OF SECTION 27. ASSOCIATED WITH ELEOO LATIFOLIA, PLAGIOBOTHR' YGON, ~11 PLANTS IN S-MO	2017-06-20 2017-06-20 2019-02-15 AND 2017 CHARIS YS SP.,



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VERSIT							
Occurrence No.	50	Map Index: B2355	EO Index:	114280		Element Last Seen:	2010-09-30
Dcc. Rank:	None		Presence:	Possibly Extirpate	ed	Site Last Seen:	2010-09-30
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown		Record Last Updated:	2019-02-15
Quad Summary:	Gregg (36	611988)					
County Summary:	Madera						
.at/Long:	36.92986	/ -119.98104		Ace	curacy:	1/10 mile	
JTM:	Zone-11 N	N4091244 E234482		Ele	vation (ft):	275	
PLSS:	T11S, R18	8E, Sec. 35, SW (M)		Acı	res:	18.0	
ocation:	EAST OF	MADERA, ALONG SANTA F	E RR NORTH O	F AVE 12.			
Detailed Location:		OCATION UNKNOWN. LOCA ECTION 35 BY WITHAM, BAS					OF THE SW
cological:	GROWIN	G IN MAN-MADE SWALE/DR	AINAGE FEATU	RE. SOILS: CRACH	KED LIGHT CL	AY.	
General:	10,000+ F	PLANTS OBSERVED IN 2010.	POSSIBLY EX	TIRPATED DUE TO	AGRICULTUR	RAL ACTIVITY.	
Owner/Manager:	PVT						
							24.400000
Orcuttia inaequ						Element Code: PMP0	JA4G060
San Joaquin Vall							
Listing Status:		Threatened		CNDDB E	Element Ranks		
	State:	Endangered				State: S1	
	Other:	Rare Plant Rank - 1B.1					
Habitat:	General:	VERNAL POOLS.					
	Micro:	10-755 M.					
Occurrence No.	21	Map Index: 14687	EO Index:	22388		Element Last Seen:	1927-05-27
Occ. Rank:	None		Presence:	Extirpated		Site Last Seen:	1987-06-01
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown		Record Last Updated:	2008-06-26
Quad Summary:	Fresno No	orth (3611977), Lanes Bridge (3611987)				
County Summary:	Fresno, M	ladera					
	36.86226	/ -119.79161		Aco	curacy:	1 mile	
_at/Long:							
-		N4083231 E251138		Ele	vation (ft):	300	
JTM:	Zone-11 N	N4083231 E251138 0E, Sec. 28 (M)			res:	300 0.0	
JTM: PLSS:	Zone-11 N T12S, R20				. ,		
JTM: PLSS: Location:	Zone-11 N T12S, R20	0E, Sec. 28 (M)			. ,		
JTM: PLSS: Location: Detailed Location:	Zone-11 N T12S, R20	0E, Sec. 28 (M)			. ,		
Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General:	Zone-11 N T12S, R20 NEAR LA THIS REC	0E, Sec. 28 (M)	ND IS NOW BEI	Act	res:	0.0	SES AS WEL



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Occurrence No.	22	Map Index: 14887	EO Index:	22386		Element Last Seen:	1976-06-07
Occ. Rank:	None		Presence:	Extirpated		Site Last Seen:	1987-06-01
Occ. Type:		ve occurrence	Trend:	Unknown		Record Last Updated:	2011-09-06
			riena.	UNKIOWI		Record Last opuated.	2011-09-00
Quad Summary:	Friant (3611	986)					
County Summary:	Fresno						
Lat/Long:	36.90022 / -	119.68014			Accuracy:	1/5 mile	
UTM:	Zone-11 N4	087158 E261196			Elevation (ft):	395	
PLSS:	T12S, R21E	, Sec. 09, SE (M)			Acres:	0.0	
Location:	NORTH OF	COPPER AVE, ABOUT 0.5	MILE NORTHW	VEST OF JUNCT	TION OF COPPE	R AND ARMSTRONG AVEN	UE.
Detailed Location:		CATION UNKNOWN. MAPF ROM 1981 AND 1988.	ED BY CNDDB	TO ENCOMPAS	SS HISTORIC VE	ERNAL POOLS IN VICINITY A	ACCORDING
Ecological:							
General:	VIABLE HAI					87. ACCORDING TO STEBB TREAM PROJECT. SITE ALS	
Owner/Manager:	UNKNOWN						
Owner/Manager: Occurrence No.	UNKNOWN 23	Map Index: 14577	EO Index:	22384		Element Last Seen:	1979-05-15
_			EO Index: Presence:	22384 Extirpated		Element Last Seen: Site Last Seen:	1979-05-15 2010-08-09
Occurrence No.	23 None						
Occurrence No. Occ. Rank:	23 None Natural/Nati	Map Index: 14577	Presence:	Extirpated		Site Last Seen:	2010-08-09
Occurrence No. Occ. Rank: Occ. Type:	23 None Natural/Nati	Map Index: 14577	Presence:	Extirpated		Site Last Seen:	2010-08-09
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	23 None Natural/Nati Lanes Bridg	Map Index: 14577 ve occurrence e (3611987)	Presence:	Extirpated Unknown	Accuracy:	Site Last Seen:	2010-08-09
Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	23 None Natural/Nati Lanes Bridg Madera 36.92605 / -	Map Index: 14577 ve occurrence e (3611987)	Presence:	Extirpated Unknown	Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated:	2010-08-09
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	23 None Natural/Nati Lanes Bridg Madera 36.92605 / - Zone-11 N4	Map Index: 14577 ve occurrence e (3611987) 119.85487	Presence:	Extirpated Unknown	•	Site Last Seen: Record Last Updated: 1/5 mile	2010-08-09
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	23 None Natural/Nati Lanes Bridg Madera 36.92605 / - Zone-11 N4 T11S, R19E	Map Index: 14577 ve occurrence e (3611987) 119.85487 090476 E245709	Presence: Trend:	Extirpated Unknown	Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/5 mile 355	2010-08-09
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	23 None Natural/Nati Lanes Bridg Madera 36.92605 / - Zone-11 N4 T11S, R19E NORTH OF IN 4 OF 6 P	Map Index: 14577 ve occurrence e (3611987) 119.85487 090476 E245709 c, Sec. 36, SW (M) AVENUE 12, EAST OF RO	Presence: Trend: PAD 38, 11 MILE ES OF SECTION	Extirpated Unknown S ESE OF MAD	Elevation (ft): Acres: ERA.	Site Last Seen: Record Last Updated: 1/5 mile 355	2010-08-09 2013-05-13
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	23 None Natural/Nati Lanes Bridg Madera 36.92605 / - Zone-11 N4 T11S, R19E NORTH OF IN 4 OF 6 P	Map Index: 14577 ve occurrence e (3611987) 119.85487 090476 E245709 5, Sec. 36, SW (M) AVENUE 12, EAST OF RO OOLS IN THE SW 40 ACRE	Presence: Trend: PAD 38, 11 MILE ES OF SECTION	Extirpated Unknown S ESE OF MAD	Elevation (ft): Acres: ERA.	Site Last Seen: Record Last Updated: 1/5 mile 355 0.0	2010-08-09 2013-05-13
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	23 None Natural/Nati Lanes Bridg Madera 36.92605 / - Zone-11 N4 T11S, R19E NORTH OF IN 4 OF 6 P VICINITY A0 THOUSANE	Map Index: 14577 ve occurrence e (3611987) 119.85487 090476 E245709 3, Sec. 36, SW (M) AVENUE 12, EAST OF RO OOLS IN THE SW 40 ACRE CCORDING TO MAPS FRO	Presence: Trend: AD 38, 11 MILE S OF SECTION M 1982 AND 19 D IN 1979. THIS	Extirpated Unknown S ESE OF MAD 36. MAPPED E 88. SITE HAS BEE!	Elevation (ft): Acres: ERA. BY CNDDB TO E	Site Last Seen: Record Last Updated: 1/5 mile 355 0.0	2010-08-09 2013-05-13 NAL POOLS IN YLAND WHEAT



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Occurrence No.	41	Map Index: 89216	EO Index:	6232	Element Last Seen:	2017-06-19
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2017-06-19
Осс. Туре:	Natural/Native	e occurrence	Trend:	Unknown	Record Last Updated:	2018-11-19
Quad Summary:	Lanes Bridge	(3611987)				
County Summary:	Madera					
Lat/Long:	36.97228 / -1	19.83084		Accuracy:	specific area	
UTM:	Zone-11 N409	95543 E248003		Elevation (ft):	390	
PLSS:	T11S, R20E,	Sec. 18 (M)		Acres:	19.0	
Location:	NORTH OF A	VENUE 15 AND ON BOTH	I SIDES OF RC	AD 39 1/2, NORTHEAST OF MA	ADERA RANCHOS.	
Detailed Location:	ACCORDING			TION 18 AND IN THE CENTER (BINS MAP, 2013 WITHAM DIGIT		
Ecological:	ERYNGIUM, I		HUS BREVISS	VERNAL POOLS WITHIN VALL IMUS, PLAGIOBOTHRYS, CAS ULPIA MYUROS.		
General:				NCE: 200 PLANTS SEEN IN 198 IN 2010, 500+ IN 2016, 8 IN 201	,	,
Owner/Manager:	PVT					
Occurrence No.	43	Map Index: 36547	EO Index:	2302	Element Last Seen:	2017-06-16
Occurrence No. Occ. Rank:	43 Fair	Map Index: 36547	EO Index: Presence:	2302 Presumed Extant	Element Last Seen: Site Last Seen:	2017-06-16 2017-06-16
	-					
Occ. Rank:	Fair	e occurrence	Presence:	Presumed Extant	Site Last Seen:	2017-06-16
Occ. Rank: Occ. Type:	Fair Natural/Native	e occurrence	Presence:	Presumed Extant	Site Last Seen:	2017-06-16
Occ. Rank: Occ. Type: Quad Summary:	Fair Natural/Native Lanes Bridge	e occurrence (3611987)	Presence:	Presumed Extant	Site Last Seen:	2017-06-16
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Fair Natural/Native Lanes Bridge Madera 36.94824 / -11	e occurrence (3611987)	Presence:	Presumed Extant Decreasing	Site Last Seen: Record Last Updated:	2017-06-16
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Fair Natural/Native Lanes Bridge Madera 36.94824 / -11	e occurrence (3611987) 19.79345 92778 E251254	Presence:	Presumed Extant Decreasing Accuracy:	Site Last Seen: Record Last Updated: specific area	2017-06-16
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Fair Natural/Native Lanes Bridge Madera 36.94824 / -1 Zone-11 N409 T11S, R20E, 3 BOTH SIDES	e occurrence (3611987) 19.79345 92778 E251254 Sec. 28 (M)	Presence: Trend:	Presumed Extant Decreasing Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: specific area 400 14.0	2017-06-16 2018-11-26
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Fair Natural/Native Lanes Bridge Madera 36.94824 / -1 ² Zone-11 N409 T11S, R20E, S BOTH SIDES LITTLE TABL MAPPED AS	e occurrence (3611987) 19.79345 92778 E251254 Sec. 28 (M) OF HIGHWAY 41 FROM ~ E MOUNTAIN.	Presence: Trend: -1.4-2 MILES N	Presumed Extant Decreasing Accuracy: Elevation (ft): Acres: ORTH OF JUNCTION WITH AVI	Site Last Seen: Record Last Updated: specific area 400 14.0 ENUE 12, 3 MILES SOUTHW	2017-06-16 2018-11-26
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Fair Natural/Native Lanes Bridge Madera 36.94824 / -17 Zone-11 N409 T11S, R20E, 3 BOTH SIDES LITTLE TABL MAPPED AS "RESTORED/ POOLS IN A I SANDY LOAM	e occurrence (3611987) 19.79345 92778 E251254 Sec. 28 (M) OF HIGHWAY 41 FROM - E MOUNTAIN. 8 POLYGONS. A 1973 CO (ENHANCED." INCLUDES LARGE DRY-FARMED GR	Presence: Trend: -1.4-2 MILES N -1.4-2 MILES N -1.4	Presumed Extant Decreasing Accuracy: Elevation (ft): Acres: ORTH OF JUNCTION WITH AVI	Site Last Seen: Record Last Updated: specific area 400 14.0 ENUE 12, 3 MILES SOUTHW IWY 41" ATTRIBUTED HERE PAN SOILS MAPPED AS SAU	2017-06-16 2018-11-26 PEST OF 2 POOLS N JOAQUIN
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Fair Natural/Native Lanes Bridge Madera 36.94824 / -11 Zone-11 N409 T11S, R20E, 3 BOTH SIDES LITTLE TABL MAPPED AS "RESTORED/ POOLS IN A I SANDY LOAM BREVISSIMU POP #S FOR	e occurrence (3611987) 19.79345 92778 E251254 Sec. 28 (M) OF HIGHWAY 41 FROM - E MOUNTAIN. 8 POLYGONS. A 1973 CO 'ENHANCED." INCLUDES LARGE DRY-FARMED GR M. W/ LYTHRUM HYSSOP 'S, DOWNINGIA ORNATIS PARTS OF EO. W SIDE C , DISKED IN 2011 (UNK IF	Presence: Trend: -1.4-2 MILES N -1.4-2 MILES N -1.4	Presumed Extant Decreasing Accuracy: Elevation (ft): Acres: ORTH OF JUNCTION WITH AVI OM "8 MI N OF PINEDALE ON H URRENCE #52. H TERRACE SITE WITH HARD	Site Last Seen: Record Last Updated: specific area 400 14.0 ENUE 12, 3 MILES SOUTHW IWY 41" ATTRIBUTED HERE PAN SOILS MAPPED AS SAI CHII, ERYNGIUM SP., PSILO NTS IN 1992, NONE IN 2009	2017-06-16 2018-11-26 TEST OF . 2 POOLS N JOAQUIN CARPHUS (DROUGHT?),



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Occurrence No.	45	Map Index: 89220	EO Index:	9516		Element Last Seen:	2010-08-09
Occ. Rank:	None		Presence:	Extirpated		Site Last Seen:	2011-10-16
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown		Record Last Updated:	2017-10-12
Quad Summary:	Lanes Bridge (3611987)						
County Summary:	Madera						
Lat/Long:	36.93285 / -	119.85688			Accuracy:	specific area	
UTM:	Zone-11 N4	091237 E245552			Elevation (ft):	350	
PLSS:	T11S, R19E	, Sec. 36, NW (M)			Acres:	5.0	
Location:	EAST OF M	ADERA RANCHOS SUBDIVI	ISION, JUST N	IORTH OF MA	DERA CANAL, MA	DERA.	
Detailed Location:		&E POWER LINES. 2 SITES HIN THE SW 1/4 OF THE NW			SINGLE POLYGO	NACCORDING TO 2013 WIT	HAM DIGITAL
Ecological:		RNAL POOLS IN ANNUAL GI IUS RUBENS.	RASSLAND W	ITH ERYNGIU	IM VASEYI, TRICH	OSTEMA, POLYPOGON, PS	ILOCARPHUS,
General:		NTS IN 1983, 60 IN 1986, NO IN 2011; CONSIDERED POS ED BY AG.					
Owner/Manager:	PVT						
Occurrence No.	48	Map Index: 24646	EO Index:	6891		Element Last Seen:	1992-06-17
Occ. Rank:	Poor		Presence:	Presumed E	Extant	Site Last Seen:	1992-06-17
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown		Record Last Updated:	1993-12-13
Quad Summary:	Lanes Bridg	e (3611987)					
County Summary:	Madera						
Lat/Long:	36.93595 / -	119.79158			Accuracy:	80 meters	
UTM:	Zone-11 N4	091408 E251380			Elevation (ft):	390	
PLSS:	T11S, R20E	i, Sec. 33, NE (M)			Acres:	0.0	
Location:	0.9 MILE NO	ORTH OF AVENUE 12, 0.1 M	ILE EAST OF	HIGHWAY 41			
Detailed Location:	POOL #5E-2	28 FOR CALTRANS RTE 41	NORTH PROJ	ECT.			
Ecological:	LARGE VER	RNAL POOL IN ANNUAL GRA S.	ASSLAND WIT	H ERYNGIUN	1 SP., PSILOCARP	HUS BREVISSIMUS, EREM	OCARPUS
General:	FEWER TH	AN 10 PLANTS IN 1992.					
Owner/Manager:	PVT						



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Occurrence No.	53	Map Index: 29049	EO Index:	30718	Element Last Seen:	1996-05-25
Occ. Rank:	Excellent		Presence:	Presumed Extant	Site Last Seen:	1996-05-25
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown	Record Last Updated:	1997-03-20
Quad Summary:	Friant (3611	986)				
County Summary:	Fresno					
Lat/Long:	36.92871 / -	119.72754		Accuracy:	specific area	
UTM:	Zone-11 N4	090439 E257062		Elevation (ft):	400	
PLSS:	T11S, R21E	, Sec. 31, SW (M)		Acres:	9.9	
Location:	ABOUT 0.25	5 MILE EAST OF FRIANT R	OAD AND 0.5 N	IILE SOUTH OF LITTLE DRY C	REEK.	
Detailed Location:						
Ecological:	CAMPESTR		JM HYSSOPIFC	TIVE GRASSLAND. WITH ALO DLIUM, AND PSILOCARPHUS B		
General:	300 PLANTS	S IN 1996.				
Owner/Manager:	PVT					
Owner/Manager: Occurrence No.	PVT 66	Map Index: A6808	EO Index:	108578	Element Last Seen:	2017-06-19
		Map Index: A6808	EO Index: Presence:	108578 Presumed Extant	Element Last Seen: Site Last Seen:	2017-06-19 2017-06-19
Occurrence No.	66 Good	Map Index: A6808				
Occurrence No. Occ. Rank:	66 Good	ve occurrence	Presence:	Presumed Extant	Site Last Seen:	2017-06-19
Occurrence No. Occ. Rank: Occ. Type:	66 Good Natural/Nati	ve occurrence	Presence:	Presumed Extant	Site Last Seen:	2017-06-19
Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	66 Good Natural/Nati Lanes Bridg	ve occurrence e (3611987)	Presence:	Presumed Extant	Site Last Seen:	2017-06-19
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	66 Good Natural/Natir Lanes Bridg Madera 36.98669 / -	ve occurrence e (3611987)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2017-06-19
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	66 Good Natural/Natir Lanes Bridg Madera 36.98669 / - Zone-11 N4	ve occurrence e (3611987) 119.82453	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: 80 meters	2017-06-19
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	66 Good Natural/Natir Lanes Bridg Madera 36.98669 / - Zone-11 N4 T11S, R20E	ve occurrence e (3611987) 119.82453 097126 E248612 5, Sec. 7, SE (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 80 meters 410 5.0	2017-06-19 2018-11-19
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	66 Good Natural/Natir Lanes Bridg Madera 36.98669 / - Zone-11 N4 T11S, R20E FENSTON F	ve occurrence e (3611987) 119.82453 097126 E248612 c, Sec. 7, SE (M) RANCH; APPROXIMATELY	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 80 meters 410 5.0 DF AVE 15 AND ROAD 39 1/2	2017-06-19 2018-11-19
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	66 Good Natural/Natir Lanes Bridg Madera 36.98669 / - Zone-11 N4 T11S, R20E FENSTON F MAPPED AC LARGE VEF SANDY LOA	ve occurrence e (3611987) 119.82453 097126 E248612 5, Sec. 7, SE (M) RANCH; APPROXIMATELY CCORDING TO 2017 NUNE RNAL POOL, WITH A LARG	Presence: Trend: 1.4 AIR MILES S COORDINAT E POPULATION RNAL POOL. A	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: NNE OF THE INTERSECTION O ES, IN THE NE 1/4 OF THE SE GROWING WITHIN THE VERI SSOCIATED WITH ERYNGIUM	Site Last Seen: Record Last Updated: 80 meters 410 5.0 DF AVE 15 AND ROAD 39 1/2 1/4 OF SECTION 7. NAL POOL. GROWING ON W	2017-06-19 2018-11-19 2.
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	66 Good Natural/Natir Lanes Bridg Madera 36.98669 / - Zone-11 N44 T11S, R20E FENSTON F MAPPED A0 LARGE VEF SANDY LOA PLAGIOBO	ve occurrence e (3611987) 119.82453 097126 E248612 5, Sec. 7, SE (M) RANCH; APPROXIMATELY CCORDING TO 2017 NUNE RNAL POOL, WITH A LARG AM IN THE CENTER OF VE	Presence: Trend: 1.4 AIR MILES S COORDINAT E POPULATION RNAL POOL. A SCHOENOIDE	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: NNE OF THE INTERSECTION O ES, IN THE NE 1/4 OF THE SE GROWING WITHIN THE VERI SSOCIATED WITH ERYNGIUM	Site Last Seen: Record Last Updated: 80 meters 410 5.0 DF AVE 15 AND ROAD 39 1/2 1/4 OF SECTION 7. NAL POOL. GROWING ON W	2017-06-19 2018-11-19 2.



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Occurrence No.	68 Map Index: B1458	EO Index:	113365	Element Last Seen:	2017-06-21
Occ. Rank:	Fair	Presence:	Presumed Extant	Site Last Seen:	2017-06-21
Осс. Туре:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:	2018-11-19
Quad Summary:	Lanes Bridge (3611987)				
County Summary:	Madera				
Lat/Long:	36.94385 / -119.78149		Accuracy:	80 meters	
UTM:	Zone-11 N4092259 E252305		Elevation (ft):	410	
PLSS:	T11S, R20E, Sec. 27, SW (M)		Acres:	5.0	
Location:	ABOUT 1.6 AIR MILES NNE OF THE	INTERSECTION	OF HIGHWAY 41 AND AVENU	E 12, WEST OF THE SAN JOA	AQUIN RIVER.
Detailed Location:	MAPPED ACCORDING TO 2017 DEL	ONG COORDINA	TES, IN THE NW 1/4 OF THE	SW 1/4 OF SECTION 27.	
Ecological:	LARGE, DEEP VERNAL POOL. POO PILULARIA AMERICANA, PSILOCAR THOUGH NOT DURING SAME SEAS	PHUS BREVISSI			
General:	12 INDIVIDUALS OBSERVED IN 201	7. MOST INDIVID	UALS SHOW SIGNS OF HERB	IVORY.	
Owner/Manager:	PVT				



California Natural Diversity Database



Puccinellia sin California alkali g	-					Element Code: PMI	POA53110
Listing Status:		None		CNI	DDB Element Rank	s: Global: G3	
Listing Status.	State:	None		CINE		State: S2	
						State. 32	
	Other:	Rare Plant Rank - 1B.2					
Habitat:	General:	MEADOWS AND SEEPS, C					JOLS.
	Micro:	ALKALINE, VERNALLY MES	SIC. SINKS, FL	ATS, AND LA	KE MARGINS. 1-91	5 M.	
Occurrence No.	19	Map Index: 14249	EO Index:	100170		Element Last Seen:	1963-05-06
Occ. Rank:	None		Presence:	Extirpated		Site Last Seen:	1963-05-06
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown		Record Last Updated:	: 2016-01-22
Quad Summary:	Kerman (3	3612061)					
County Summary:	Fresno						
Lat/Long:	36.65398	/ -120.06106			Accuracy:	nonspecific area	
UTM:	Zone-10 N	4060512 E762708			Elevation (ft):	200	
PLSS:	T15S, R17	7E, Sec. 01, E (M)			Acres:	69.0	
Location:	4.8 MILES	SOUTH OF KERMAN, MADE	RA ROAD.				
Detailed Location:		OCATION UNKNOWN. MAPPE F KERMAN.	ED AS BEST G	UESS BY CNE	DDB ALONG MADE	RA AVE AROUND 4.8 RO	AD MILES
Ecological:	SANDY A	LKALINE FLAT, VALLEY GRA	SSLAND.				
General:		URCE OF INFORMATION FO IAINING NATURAL HABITAT I					
Owner/Manager:	UNKNOW	Ń					
Occurrence No.	20	Map Index: 98707	EO Index:	100171		Element Last Seen:	1936-04-XX
Occ. Rank:	None		Presence:	Possibly Ext	irpated	Site Last Seen:	1936-04-XX
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown		Record Last Updated:	2016-01-22
Quad Summary:	Kerman (3	3612061)					
County Summary:	Fresno						
Lat/Long:	36.72641	/ -120.06028			Accuracy:	1 mile	
UTM:	Zone-10 N	4068553 E762532			Elevation (ft):	220	
PLSS:	T14S, R17	7E, Sec. 12 (M)			Acres:	1987.0	
Location:	KERMAN						
Detailed Location:	EXACT LO	OCATION UNKNOWN, MAPPE	ED IN GENERA	L VICINITY O	F KERMAN.		
Ecological:							
General:		URCE OF INFORMATION FO NG NATURAL HABITAT IN TH				CITED IN HIS 1937 DISSE	RTATION. ANY
Owner/Manager:	UNKNOW	/N					
Tuctoria green						Element Code: PMI	POA6N010
Greene's tuctoria							
Listing Status:	Federal:	Endangered		CNI	DDB Element Rank	s: Global: G1	
	State:	Rare				State: S1	
	Other:	Rare Plant Rank - 1B.1					
Habitat:	General:	VERNAL POOLS.					
	Micro:	VERNAL POOLS IN OPEN	GRASSLANDS	. 25-1325 M.			

Commercial Version -- Dated September, 1 2019 -- Biogeographic Data Branch

Report Printed on Wednesday, September 11, 2019



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Occurrence No.	16	Map Index: 15132	EO Index:	22349		Element Last Seen:	1936-06-04
Occ. Rank:	None		Presence:	Extirpated		Site Last Seen:	1987-06-01
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown		Record Last Updated:	1995-07-19
Quad Summary:	Round Mou	ntain (3611975)					
County Summary:	Fresno						
Lat/Long:	36.76438 / -	119.55597			Accuracy:	1/5 mile	
UTM:	Zone-11 N4	071781 E271858			Elevation (ft):	390	
PLSS:	T13S, R22E	, Sec. 34, NE (M)			Acres:	0.0	
Location:	4 MILES NO	ORTH OF SANGER.					
Detailed Location:	EXACT LOO	CATION UNKNOWN, MAPPI	ED AS BEST G	UESS BY CNE	DDB AT FAIRVIEW	·.	
Ecological:							
General:		/N ONLY FROM 1936 COLL (BIOSYSTEMS ANALYSIS,		OVER. POPL	JLATION EXTIRPA	TED PER GRIGGS 1983, AN	ID PER
Owner/Manager:	PVT						
Occurrence No.	17	Map Index: 15131	EO Index:	22351		Element Last Seen:	1954-05-10
Occurrence No. Occ. Rank:	17 None	Map Index: 15131	EO Index: Presence:	22351 Extirpated		Element Last Seen: Site Last Seen:	1954-05-10 1987-06-01
	None	Map Index: 15131					
Occ. Rank:	None Natural/Nati		Presence: Trend:	Extirpated		Site Last Seen:	1987-06-01
Occ. Rank: Occ. Type:	None Natural/Nati	ve occurrence	Presence: Trend:	Extirpated		Site Last Seen:	1987-06-01
Occ. Rank: Occ. Type: Quad Summary:	None Natural/Nati Sanger (361	ve occurrence 1965), Round Mountain (36	Presence: Trend:	Extirpated	Accuracy:	Site Last Seen:	1987-06-01
Occ. Rank: Occ. Type: Quad Summary: County Summary:	None Natural/Nati Sanger (361 Fresno 36.75022 / -	ve occurrence 1965), Round Mountain (36	Presence: Trend:	Extirpated	Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated:	1987-06-01
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	None Natural/Nati Sanger (361 Fresno 36.75022 / - Zone-11 N4	ve occurrence 1965), Round Mountain (36 119.55597	Presence: Trend:	Extirpated	•	Site Last Seen: Record Last Updated: 1/5 mile	1987-06-01
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	None Natural/Nati Sanger (361 Fresno 36.75022 / - Zone-11 N4 T13S, R22E	ve occurrence 1965), Round Mountain (36 119.55597 070210 E271816	Presence: Trend:	Extirpated	Elevation (ft):	Site Last Seen: Record Last Updated: 1/5 mile 385	1987-06-01
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	None Natural/Nati Sanger (361 Fresno 36.75022 / - Zone-11 N4 T13S, R22E 3 MILES NO	ve occurrence 1965), Round Mountain (36 119.55597 070210 E271816 5, Sec. 34, SE (M) DRTH OF SANGER. CATION UNKNOWN, MAPPI	Presence: Trend: 11975)	Extirpated Unknown	Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/5 mile 385	1987-06-01 2013-04-22
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	None Natural/Nati Sanger (361 Fresno 36.75022 / - Zone-11 N4 T13S, R22E 3 MILES N0 EXACT LOO	ve occurrence 1965), Round Mountain (36 119.55597 070210 E271816 5, Sec. 34, SE (M) DRTH OF SANGER. CATION UNKNOWN, MAPPI AVENUE.	Presence: Trend: 11975)	Extirpated Unknown	Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/5 mile 385 0.0	1987-06-01 2013-04-22
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	None Natural/Nati Sanger (361 Fresno 36.75022 / - Zone-11 N4 T13S, R22E 3 MILES NO EXACT LOO ACADEMY BED OF DR ONLY SOU	ve occurrence 1965), Round Mountain (36 119.55597 070210 E271816 5, Sec. 34, SE (M) DRTH OF SANGER. CATION UNKNOWN, MAPPI AVENUE.	Presence: Trend: 11975) ED AS BEST G	Extirpated Unknown UESS BY CNE	Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/5 mile 385 0.0 SECTION OF BELMONT RO/ ELL AND BARNEBY. AREA S	1987-06-01 2013-04-22



California Department of Fish and Wildlife



Occurrence No.	22 Map Index: 14941	EO Index:	22344		Element Last Seen:	1937-05-27
Occ. Rank:	None	Presence:	Extirpated		Site Last Seen:	1987-06-01
Осс. Туре:	Natural/Native occurrence	Trend:	Unknown		Record Last Updated:	1995-07-19
Quad Summary:	Clovis (3611976)					
County Summary:	Fresno					
Lat/Long:	36.85300 / -119.64264			Accuracy:	1/5 mile	
UTM:	Zone-11 N4081825 E264392			Elevation (ft):	405	
PLSS:	T12S, R21E, Sec. 26, SE (M)			Acres:	0.0	
Location:	5 MILES NORTHEAST OF CLOVIS.					
Detailed Location:	EXACT LOCATION UNKNOWN, MAPPED IN THE VICINITY OF TOLLHOUSE ROAD AND NEES AVENUE.					
Ecological:						
General:	SITE KNOWN FROM 1937 COLLECTION BY HOOVER. AREA SEARCHED IN 1981 AND 1987 BUT NO PLANTS SEEN. ACC TO BIOSYSTEMS ANALYSIS, 1988, NO VERNAL POOL HABITAT REMAINS IN THIS AREA; HABITAT ELIMINATED, SITE EXTIRPATED.					
Owner/Manager:	PVT					



*The database used to provide updates to the Online Inventory is under construction. <u>View updates and changes made since May 2019 here</u>.

Plant List

28 matches found. Click on scientific name for details

Search Criteria

Found in Quads 3711917, 3711916, 3612081, 3611988, 3611987, 3611986, 3612071, 3611978, 3611977, 3611976, 3611975, 3612061, 3611968, 3611967, 3611966, 3611965, 3611958, 3611957 and 3611956;

🔍 Modify Search Criteria 🕷 Export to Excel 🖓 Modify Columns 💱 Modify Sort 🗳 Display Photos

Scientific Name	Common Name	Family	Lifeform	Blooming Period	CA Rare Plant Rank	State Rank	Global Rank
<u>Atriplex cordulata var.</u> <u>cordulata</u>	heartscale	Chenopodiaceae	annual herb	Apr-Oct	1B.2	S2	G3T2
<u>Atriplex minuscula</u>	lesser saltscale	Chenopodiaceae	annual herb	May-Oct	1B.1	S2	G2
Atriplex persistens	vernal pool smallscale	Chenopodiaceae	annual herb	Jun,Aug,Sep,Oct	1B.2	S2	G2
Bryum chryseum	brassy bryum	Bryaceae	moss		4.3	S3	G5
Calycadenia hooveri	Hoover's calycadenia	Asteraceae	annual herb	Jul-Sep	1B.3	S2	G2
<u>Castilleja campestris</u> <u>var. succulenta</u>	succulent owl's- clover	Orobanchaceae	annual herb (hemiparasitic)	(Mar)Apr-May	1B.2	S2S3	G4? T2T3
Caulanthus californicus	California jewelflower	Brassicaceae	annual herb	Feb-May	1B.1	S1	G1
Chloropyron palmatum	palmate-bracted bird's-beak	Orobanchaceae	annual herb (hemiparasitic)	May-Oct	1B.1	S1	G1
<u>Cryptantha hooveri</u>	Hoover's cryptantha	Boraginaceae	annual herb	Apr-May	1A	SH	GH
<u>Delphinium hansenii</u> <u>ssp. ewanianum</u>	Ewan's larkspur	Ranunculaceae	perennial herb	Mar-May	4.2	S3	G4T3
<u>Delphinium recurvatum</u>	recurved larkspur	Ranunculaceae	perennial herb	Mar-Jun	1B.2	S2?	G2?
<u>Downingia pusilla</u>	dwarf downingia	Campanulaceae	annual herb	Mar-May	2B.2	S2	GU
<u>Eriastrum hooveri</u>	Hoover's eriastrum	Polemoniaceae	annual herb	(Feb)Mar-Jul	4.2	S3	G3
Eriogonum nortonii	Pinnacles buckwheat	Polygonaceae	annual herb	(Apr)May- Aug(Sep)	1B.3	S2	G2
<u>Eryngium</u> <u>spinosepalum</u>	spiny-sepaled button-celery	Apiaceae	annual / perennial herb	Apr-Jun	1B.2	S2	G2
Imperata brevifolia	California satintail	Poaceae	perennial rhizomatous herb	Sep-May	2B.1	S3	G4
Lagophylla dichotoma	forked hare-leaf	Asteraceae	annual herb	Apr-May	1B.1	S2	G2

9/11/2019		CNPS	CNPS Inventory Results					
Leptosiphon serrulatus	Madera leptosiphon	Polemoniaceae	annual herb	Apr-May	1B.2	S3	G3	
<u>Lupinus citrinus var.</u> <u>citrinus</u>	orange lupine	Fabaceae	annual herb	Apr-Jul	1B.2	S2	G2T2	
<u>Mielichhoferia</u> shevockii	Shevock's copper moss	Mielichhoferiaceae	moss		1B.2	S2	G2	
<u>Orcuttia inaequalis</u>	San Joaquin Valley Orcutt grass	Poaceae	annual herb	Apr-Sep	1B.1	S1	G1	
<u>Orcuttia pilosa</u>	hairy Orcutt grass	Poaceae	annual herb	May-Sep	1B.1	S1	G1	
Pseudobahia bahiifolia	Hartweg's golden sunburst	Asteraceae	annual herb	Mar-Apr	1B.1	S2	G2	
Pseudobahia peirsonii	San Joaquin adobe sunburst	Asteraceae	annual herb	Feb-Apr	1B.1	S1	G1	
Puccinellia simplex	California alkali grass	Poaceae	annual herb	Mar-May	1B.2	S2	G3	
<u>Sagittaria sanfordii</u>	Sanford's arrowhead	Alismataceae	perennial rhizomatous herb (emergent)	May-Oct(Nov)	1B.2	S3	G3	
<u>Tropidocarpum</u> <u>capparideum</u>	caper-fruited tropidocarpum	Brassicaceae	annual herb	Mar-Apr	1B.1	S1	G1	
<u>Tuctoria greenei</u>	Greene's tuctoria	Poaceae	annual herb	May-Jul(Sep)	1B.1	S1	G1	

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