

California Department of Fish and Wildlife



California Natural Diversity Database

 Query Criteria:
 Taxonomic Group IS (Fish OR Amphibians ORReptiles OR Birds OR Mammals ORMollusks OR Mollusks OR Crustaceans ORInsects)
oR Insects)
oR Le 'color:Red'> OR Quad IS (Chinese Camp
(3712074) OR Cooperstown (3712065) OR Keystone (3712075) OR Moccasin (3712073) OR Penon Blanco Peak (3712063) ORSnelling (3712054) OR Turlock Lake (3712055))

Ambystoma ca	liforniense	9			Element Code: AAAA	A01180
California tiger sa	lamander					
Listing Status:	Federal:	Threatened		CNDDB Element Rai	n ks: Global: G2G3	
	State:	Threatened			State: S2S3	
	Other:	CDFW_WL-Watch List, IUC	N_VU-Vulnerab	le		
Habitat:	General:	CENTRAL VALLEY DPS FI FEDERALLY LISTED AS E		ED AS THREATENED. SANTA	BARBARA & SONOMA COU	NTIES DPS
	Micro:	NEED UNDERGROUND R SEASONAL WATER SOUF		CIALLY GROUND SQUIRREL I EDING.	BURROWS, & VERNAL POOL	S OR OTHER
Occurrence No.	18	Map Index: 13136	EO Index:	28434	Element Last Seen:	1973-03-26
Occ. Rank:	None		Presence:	Possibly Extirpated	Site Last Seen:	1973-03-26
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2009-06-17
Quad Summary:	Turlock La	ke (3712055)				
County Summary:	Merced, S	tanislaus				
Lat/Long:	37.55094 /	/ -120.60495		Accuracy:	1/5 mile	
UTM:	7 40 N			Elevation (ft):	270	
	Zone-10 N	4158689 E711570			210	
-		14158689 E711570 2E, Sec. 25, SW (M)		Acres:	0.0	
PLSS:	T04S, R12		ON E. KEYES R	Acres:		
PLSS:	T04S, R12	2E, Sec. 25, SW (M)	ON E. KEYES R	Acres:		
PLSS: Location:	T04S, R12	2E, Sec. 25, SW (M) DF MERCED COUNTY LINE IAL PHOTO SHOWS THAT T		Acres:	0.0	TED TO
PLSS: Location: Detailed Location:	T04S, R12 0.3 MI W 0 2008 AER AGRICUL	2E, Sec. 25, SW (M) DF MERCED COUNTY LINE IAL PHOTO SHOWS THAT T	THIS OCCURRE	Acres:	0.0	TED TO
PLSS: Location: Detailed Location: Ecological:	T04S, R12 0.3 MI W 0 2008 AER AGRICUL	IN THE REPORT OF THE REPORT OF MERCED COUNTY LINE TAL PHOTO SHOWS THAT T TURE. FIELD NOTES #163 AND 17	THIS OCCURRE	Acres:	0.0	TED TO
PLSS: Location: Detailed Location: Ecological: General:	T04S, R12 0.3 MI W C 2008 AER AGRICUL J. BRODE	IN THE REPORT OF THE REPORT OF MERCED COUNTY LINE TAL PHOTO SHOWS THAT T TURE. FIELD NOTES #163 AND 17	THIS OCCURRE	Acres:	0.0	TED TO 1986-03-26
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No.	T04S, R12 0.3 MI W C 2008 AER AGRICUL J. BRODE UNKNOW	2E, Sec. 25, SW (M) DF MERCED COUNTY LINE IAL PHOTO SHOWS THAT T TURE. FIELD NOTES #163 AND 17 N	THIS OCCURRE	Acres: D. NCE AND THE SURROUNDING	0.0 G AREA HAS BEEN CONVER	
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	T04S, R12 0.3 MI W C 2008 AER AGRICUL J. BRODE UNKNOW 19 Unknown	2E, Sec. 25, SW (M) DF MERCED COUNTY LINE IAL PHOTO SHOWS THAT T TURE. FIELD NOTES #163 AND 17 N	THIS OCCURRE 72. EO Index:	Acres: D. NCE AND THE SURROUNDING 28430	0.0 G AREA HAS BEEN CONVER Element Last Seen:	1986-03-26
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	T04S, R12 0.3 MI W C 2008 AER AGRICUL J. BRODE UNKNOW 19 Unknown Natural/Na	RE, Sec. 25, SW (M) DF MERCED COUNTY LINE IAL PHOTO SHOWS THAT T TURE. FIELD NOTES #163 AND 17 N Map Index: 13410	THIS OCCURRE 72. EO Index: Presence:	Acres: D. NCE AND THE SURROUNDING 28430 Presumed Extant	0.0 G AREA HAS BEEN CONVER Element Last Seen: Site Last Seen:	1986-03-26 1986-03-26
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	T04S, R12 0.3 MI W C 2008 AER AGRICUL J. BRODE UNKNOW 19 Unknown Natural/Na	PE, Sec. 25, SW (M) DF MERCED COUNTY LINE IAL PHOTO SHOWS THAT T TURE. FIELD NOTES #163 AND 17 N Map Index: 13410 ative occurrence	THIS OCCURRE 72. EO Index: Presence:	Acres: D. NCE AND THE SURROUNDING 28430 Presumed Extant	0.0 G AREA HAS BEEN CONVER Element Last Seen: Site Last Seen:	1986-03-26 1986-03-26
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No.	T04S, R12 0.3 MI W C 2008 AER AGRICUL J. BRODE UNKNOW 19 Unknown Natural/Na La Grange Stanislaus	PE, Sec. 25, SW (M) DF MERCED COUNTY LINE IAL PHOTO SHOWS THAT T TURE. FIELD NOTES #163 AND 17 N Map Index: 13410 ative occurrence	THIS OCCURRE 72. EO Index: Presence:	Acres: D. NCE AND THE SURROUNDING 28430 Presumed Extant	0.0 G AREA HAS BEEN CONVER Element Last Seen: Site Last Seen:	1986-03-26 1986-03-26
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	T04S, R12 0.3 MI W C 2008 AER AGRICUL J. BRODE UNKNOW 19 Unknown Natural/Na La Grange Stanislaus 37.64586 /	PE, Sec. 25, SW (M) DF MERCED COUNTY LINE IAL PHOTO SHOWS THAT T TURE. FIELD NOTES #163 AND 17 N Map Index: 13410 ative occurrence	THIS OCCURRE 72. EO Index: Presence:	Acres: D. NCE AND THE SURROUNDING 28430 Presumed Extant Unknown	0.0 G AREA HAS BEEN CONVER Element Last Seen: Site Last Seen: Record Last Updated:	1986-03-26 1986-03-26
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	T04S, R12 0.3 MI W C 2008 AER AGRICUL J. BRODE UNKNOW 19 Unknown Natural/Na La Grange Stanislaus 37.64586 / Zone-10 N	2E, Sec. 25, SW (M) DF MERCED COUNTY LINE IAL PHOTO SHOWS THAT T TURE. FIELD NOTES #163 AND 17 N Map Index: 13410 Ative occurrence (3712064) 7-120.45629	THIS OCCURRE 72. EO Index: Presence:	Acres: D. NCE AND THE SURROUNDING 28430 Presumed Extant Unknown Accuracy:	0.0 G AREA HAS BEEN CONVER Element Last Seen: Site Last Seen: Record Last Updated: 80 meters	1986-03-26 1986-03-26
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	T04S, R12 0.3 MI W C 2008 AER AGRICUL J. BRODE UNKNOW 19 Unknown Natural/Na La Grange Stanislaus 37.64586 / Zone-10 N T03S, R14	2E, Sec. 25, SW (M) DF MERCED COUNTY LINE IAL PHOTO SHOWS THAT T TURE. FIELD NOTES #163 AND 17 N Map Index: 13410 Ative occurrence 9 (3712064) 7 -120.45629 14169567 E724419 15, Sec. 29, NW (M)	THIS OCCURRE 72. EO Index: Presence: Trend:	Acres: D. NCE AND THE SURROUNDING 28430 Presumed Extant Unknown Accuracy: Elevation (ft):	0.0 G AREA HAS BEEN CONVER Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 350 0.0	1986-03-26 1986-03-26
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	T04S, R12 0.3 MI W C 2008 AER AGRICUL J. BRODE UNKNOW 19 Unknown Natural/Na La Grange Stanislaus 37.64586 / Zone-10 N T03S, R14	2E, Sec. 25, SW (M) DF MERCED COUNTY LINE IAL PHOTO SHOWS THAT T TURE. FIELD NOTES #163 AND 17 N Map Index: 13410 Ative occurrence 9 (3712064) 7 -120.45629 14169567 E724419 15, Sec. 29, NW (M)	THIS OCCURRE 72. EO Index: Presence: Trend:	Acres: D. NCE AND THE SURROUNDING 28430 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	0.0 G AREA HAS BEEN CONVER Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 350 0.0	1986-03-26 1986-03-26
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:	T04S, R12 0.3 MI W C 2008 AER AGRICUL J. BRODE UNKNOW 19 Unknown Natural/Na La Grange Stanislaus 37.64586 / Zone-10 N T03S, R14	2E, Sec. 25, SW (M) DF MERCED COUNTY LINE IAL PHOTO SHOWS THAT T TURE. FIELD NOTES #163 AND 17 N Map Index: 13410 Ative occurrence 9 (3712064) 7 -120.45629 14169567 E724419 15, Sec. 29, NW (M)	THIS OCCURRE 72. EO Index: Presence: Trend:	Acres: D. NCE AND THE SURROUNDING 28430 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	0.0 G AREA HAS BEEN CONVER Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 350 0.0	1986-03-26 1986-03-26
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	T04S, R12 0.3 MI W C 2008 AER AGRICULT J. BRODE UNKNOW 19 Unknown Natural/Na La Grange Stanislaus 37.64586 / Zone-10 N T03S, R14 CARDOZ/	PE, Sec. 25, SW (M) DF MERCED COUNTY LINE IAL PHOTO SHOWS THAT T TURE. FIELD NOTES #163 AND 17 N Map Index: 13410 Ative occurrence (3712064) (-120.45629 14169567 E724419 E, Sec. 29, NW (M) A LAKE, EAST SIDE OF HWY FIELD NOTE #169 COLLEC	THIS OCCURRE 72. EO Index: Presence: Trend:	Acres: D. NCE AND THE SURROUNDING 28430 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	0.0 G AREA HAS BEEN CONVER Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 350 0.0 NGE.	1986-03-26 1986-03-26 1998-03-17



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Occurrence No.	20	Map Index: 13394	EO Index:	28429		Element Last Seen:	1973-03-26
Occ. Rank:	Unknown		Presence:	Presumed Ex	tant	Site Last Seen:	1973-03-26
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2009-06-17
Quad Summary:	Snelling (371	2054)					
County Summary:	Merced, Star	nislaus					
Lat/Long:	37.60881 / -1	20.46131			Accuracy:	1 mile	
UTM:	Zone-10 N41	65444 E724087			Elevation (ft):	350	
PLSS:	T04S, R14E,	Sec. 05, SW (M)			Acres:	0.0	
Location:	4.0 MI S LA (GRANGE, W OF HWY J59.					
Detailed Location:							
Ecological:	POND. 2008	AERIAL PHOTO SHOWS T	HAT THIS ARE	EA IS STILL NA	TURAL HABITAT		
General:	STORER 192 STORER.	25, J. BRODE FIELD NOTE	S #142, 164, &	168. MVZ 2068	378 & 206880 CO	LLECTED 14 MAR 1923 BY 1	FRACY I.
Owner/Manager:	UNKNOWN						
Occurrence No.	84	Man Indows 10000		00007			
Occurrence No.	64	Map Index: 13383	EO Index:	28387		Element Last Seen:	1973-XX-XX
Occ. Rank:	o4 Unknown		EO Index: Presence:	28387 Presumed Ex	tant	Element Last Seen: Site Last Seen:	1973-XX-XX 1973-XX-XX
	Unknown	wap index: 13383			ttant		
Occ. Rank:	Unknown	e occurrence	Presence:	Presumed Ex	tant	Site Last Seen:	1973-XX-XX
Occ. Rank: Occ. Type:	Unknown Natural/Nativ	e occurrence	Presence:	Presumed Ex	tant	Site Last Seen:	1973-XX-XX
Occ. Rank: Occ. Type: Quad Summary:	Unknown Natural/Nativ La Grange (3	re occurrence 3712064)	Presence:	Presumed Ex	Accuracy:	Site Last Seen:	1973-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Unknown Natural/Nativ La Grange (3 Stanislaus 37.64602 / -1	re occurrence 3712064)	Presence:	Presumed Ex		Site Last Seen: Record Last Updated:	1973-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Unknown Natural/Nativ La Grange (3 Stanislaus 37.64602 / -1 Zone-10 N41	re occurrence 3712064) 120.49371	Presence:	Presumed Ex	Accuracy:	Site Last Seen: Record Last Updated: 2/5 mile	1973-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Unknown Natural/Nativ La Grange (3 Stanislaus 37.64602 / -1 Zone-10 N41 T03S, R13E,	re occurrence 3712064) 120.49371 169496 E721116	Presence: Trend:	Presumed Ex Unknown	Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 2/5 mile 300	1973-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Nativ La Grange (3 Stanislaus 37.64602 / -1 Zone-10 N41 T03S, R13E,	re occurrence 3712064) 120.49371 169496 E721116 Sec. 25, NW (M)	Presence: Trend:	Presumed Ex Unknown	Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 2/5 mile 300	1973-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Nativ La Grange (3 Stanislaus 37.64602 / -1 Zone-10 N41 T03S, R13E, LA GRANGE SALAMANDI AERIAL PHO	re occurrence 3712064) 120.49371 169496 E721116 Sec. 25, NW (M) EREGIONAL PARK. NEAR E ER POPULATIONS IN EAST	Presence: Trend: BASSO BRIDG	Presumed Ex Unknown E ON THE TUC	Accuracy: Elevation (ft): Acres: DLUMNE RIVER.	Site Last Seen: Record Last Updated: 2/5 mile 300	1973-XX-XX 2009-06-17
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Unknown Natural/Nativ La Grange (3 Stanislaus 37.64602 / -1 Zone-10 N41 T03S, R13E, LA GRANGE SALAMANDI AERIAL PHO BORDER OF	re occurrence 3712064) 120.49371 169496 E721116 Sec. 25, NW (M) E REGIONAL PARK. NEAR E ER POPULATIONS IN EAST DTO SHOWS THAT THIS AF	Presence: Trend: BASSO BRIDG BASSO BRIDG RERN STANISL REA IS STILL M	Presumed Ex Unknown E ON THE TUC	Accuracy: Elevation (ft): Acres: DLUMNE RIVER.	Site Last Seen: Record Last Updated: 2/5 mile 300 0.0 B ACCORDING TO BRODE 8	1973-XX-XX 2009-06-17



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Occurrence No.	315	Map Index: 33065	EO Index:	3699		Element Last Seen:	2001-04-XX
Occ. Rank:	Unknown		Presence:	Presumed Ext	ant	Site Last Seen:	2001-04-XX
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2007-07-18
Quad Summary:	Snelling (37	12054)					
County Summary:	Merced						
Lat/Long:	37.56451 / -	120.39177			Accuracy:	80 meters	
UTM:	Zone-10 N4	160696 E730363			Elevation (ft):	350	
PLSS:	T04S, R14E	, Sec. 26, NE (M)			Acres:	0.0	
Location:	SOUTH SID	E OF FIELDS ROAD, 1.8 MI	LES EAST OF	COUNTY ROAD) J-59, ABOUT 4	MILES NE OF SNELLING.	
Detailed Location:	POOL ID: R	C06.2. LOCATION MAPPEI	O IN THE NE 1/	4 OF THE NE 1/	4 SECTION 26.	MAPPED USING DIGITAL D	ATA.
Ecological:		DNSISTS OF A VERNAL PO LATIVELY UNDISTURBED			IN THE EASTER	N MERCED COUNTY REGIO	ONAL STUDY
General:		N #MW-94-26, DEPOSITED O ON 5 APR 1994. UNKNOV				\T UCD. CAS #199417 (LAR∖ I.	/A)
Owner/Manager:	PVT-RICHA	RDS RANCH					
Occurrence No.	316	Map Index: 33066	EO Index:	3703		Element Last Seen:	1994-04-06
Occ. Rank:	Unknown		Presence:	Presumed Ext	ant	Site Last Seen:	1994-04-06
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2001-09-10
Quad Summary:	Cooperstow	n (3712065)					
County Summary:	Stanislaus						
Lat/Long:	37.73202 / -	120.60802			Accuracy:	1/5 mile	
UTM:	Zone-10 N4	178776 E710787			Elevation (ft):	225	
PLSS:	T02S, R12E	, Sec. 25, NW (M)			Acres:	0.0	
Location:	SOUTH SID FERRY.	E OF WARNERVILLE ROAL	D, 0.75 MILE W	EST OF CRABT	REE ROAD, ABO	OUT 8 MILES SOUTH OF KN	IGHTS
Detailed Location:							
Ecological:							
General:	COLLECTIC	N #MW-94-31 & #RS-94-13	, (CAS #199419	9 & #199426), &	#RS-94-14, DEP	OSITED AT UCD.	
Owner/Manager:	UNKNOWN						
Occurrence No.	317	Map Index: 33067	EO Index:	3700		Element Last Seen:	1994-04-06
Occ. Rank:	Unknown		Presence:	Presumed Ext	ant	Site Last Seen:	1994-04-06
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	1995-03-28
Quad Summary:	Cooperstow	n (3712065)					
County Summary:	Stanislaus						
Lat/Long:	37.73763 / -	120.57950			Accuracy:	1/5 mile	
UTM:	Zone-10 N4	179463 E713284			Elevation (ft):	245	
PLSS:	T02S, R13E	, Sec. 30, NE (M)			Acres:	0.0	
Location:	NORTH SID	E OF COOPERSTOWN RO	AD, 0.6 MILE E	AST OF WILLIA	MS ROAD, ABO	UT 8 MILES SE OF KNIGHT	S FERRY.
Detailed Location:							
Ecological:	SCAPHIOPU	JS HAMMONDI ALSO FOUI	ND HERE.				
Leological.							
General:		N #RS-94-15, (CAS #19942	.7).				



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Occurrence No.	331	Map Index: 96014	EO Index:	2685		Element Last Seen:	2003-11-08
Occ. Rank:	Poor		Presence:	Presumed E	xtant	Site Last Seen:	2003-11-08
Осс. Туре:	Natural/Nat	ive occurrence	Trend:	Unknown		Record Last Updated:	2015-05-11
Quad Summary:	Turlock Lak	ke (3712055), Montpelier (371	2056)				
County Summary:	Stanislaus		,				
Lat/Long:	37.60792 /	-120.63374			Accuracy:	nonspecific area	
UTM:	Zone-10 N4	4164947 E708867			Elevation (ft):	195	
PLSS:	T04S, R12	E, Sec. 10, E (M)			Acres:	864.0	
Location:	VICINITY C	OF LAKE ROAD AT HAWKINS	S ROAD TO HIG	CKMAN VERN	AL POOL TO THE	SE; W OF TURLOCK LAKE.	
Detailed Location:		ERVATIONS (BRODE #161 & 0.2 MI W JCT W/ HAWKINS					
Ecological:		VERNAL POOL SURROUND ITER. SURROUNDED BY VI					THE LARGEST
General:	NUMBER (D IN AREA IN 1973, ONE CO DBSERVED 1991. 2 INDIVIDU RNAL POOL.					
Owner/Manager:	PVT-ROBI	NSON RANCH					
Occurrence No.	420	Map Index: 38393	EO Index:	33400		Element Last Seen:	1973-02-13
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	1973-02-13
Осс. Туре:	Natural/Nat	ive occurrence	Trend:	Unknown		Record Last Updated:	2009-06-17
Quad Summary:	Snelling (37	712054), La Grange (3712064	-)				
County Summary:	Stanislaus						
Lat/Long:	37.62975 /	-120.45355			Accuracy:	3/5 mile	
UTM:	Zone-10 N4	4167786 E724709			Elevation (ft):	400	
PLSS:	T03S, R14	E, Sec. 32 (M)			Acres:	0.0	
Location:	ABOUT 2 N	ILES SOUTH OF LA GRANC	GE.				
Detailed Location:							
Ecological:	2008 AERI	AL PHOTO SHOWS THAT TH	HIS AREA IS S	TILL NATURAL	_ HABITAT.		
General:	JOHN BRC	DE FIELD NOTE #165.					
Owner/Manager:	UNKNOWN	l					



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VERSIT	404	Man Indow 20204	EQ Indow	22404		Flowent Lost Coon-	4072.02.42
Occurrence No. Occ. Rank:	421 Unknown	Map Index: 38394	EO Index: Presence:	33401 Presumed Extar	at .	Element Last Seen: Site Last Seen:	1973-02-13 1973-02-13
Occ. Type:		ve occurrence	Trend:		IL	Record Last Updated:	2009-06-18
			irenu.	UIKIIUWII		Record Last opuated.	2009-00-18
Quad Summary:	La Grange ((3712064)					
County Summary:	Stanislaus						
Lat/Long:	37.65895 / -	120.45510		A	ccuracy:	2/5 mile	
UTM:	Zone-10 N4	171023 E724485		E	levation (ft):	300	
PLSS:	T03S, R14E	e, Sec. 20 (M)		A	cres:	0.0	
Location:	ABOUT 0.5	MILE EAST OF LA GRANC	GE.				
Detailed Location:							
Ecological:		AL PHOTO SHOWS THAT ⁻ , DEVELOPMENT AND AG				AT WITH ONLY LIGHT DISTU ST AND NORTHWEST.	JRBANCES.
General:	JOHN BRO	DE FIELD NOTE #166.					
Owner/Manager:	UNKNOWN						
Occurrence No.	607	Map Index: 46412	EO Index:	46412		Element Last Seen:	1988-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed Extar	nt	Site Last Seen:	1988-XX-XX
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown		Record Last Updated:	2008-11-25
Quad Summary:	Turlock Lak	e (3712055)					
County Summary:	Stanislaus	0 (01 12000)					
Lat/Long:	37.59497 / -	120 53104				nonspecific area	
UTM:		163744 E717972			ccuracy: levation (ft):	300	
PLSS:		E, Sec. 10 (M)			cres:	127.8	
						121.0	
Location:	ALONG LO	S CERRITOS ROAD, ON T	HE EAST SIDE (OF TURLOCK LAP	KE.		
Detailed Location:							
Ecological: General:		1973 TO 1988 FOOD HABI					
			15 STUDY MAIN	IT AOR AND DOR	SALAMANDE	KS WERE ODSERVED.	
Owner/Manager:	UNKNOWN						
Occurrence No.	618	Map Index: 46502	EO Index:	46502		Element Last Seen:	1988-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed Extar	nt	Site Last Seen:	1988-XX-XX
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown		Record Last Updated:	2001-11-13
Quad Summary:	Turlock Lake	e (3712055), Cooperstown	(3712065)				
County Summary:	Stanislaus		. ,				
Lat/Long:	37.63219/-	120.61803		A	ccuracy:	nonspecific area	
UTM:	Zone-10 N4	167675 E710186		EI	levation (ft):	150	
PLSS:	T03S, R12E	E, Sec. 35 (M)			cres:	71.4	
Location:		,		32. BETWEEN MC		RVOIR & TURLOCK LAKE.	
Detailed Location:		BEATOT ENATINOAD. 30				INVOIN & TOILLOON LANE.	
Ecological:							
Ecological: General:					ANY SALAMA	NDERS DOR. SOME AOR.	
					ANT GALAWA	NULING DON. SOWIE AUR.	
Owner/Manager:	UNKNOWN						



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Occurrence No.	908	Map Index: 68051	EO Index:	68203		Element Last Seen:	2001-04-XX
Occ. Rank:	Unknown		Presence:	Presumed Ex	xtant	Site Last Seen:	2001-04-XX
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown		Record Last Updated:	2007-02-07
Quad Summary:	Merced Fall	s (3712053)					
County Summary:	Merced						
Lat/Long:	37.54575 / -	120.34982			Accuracy:	80 meters	
UTM:	Zone-10 N4	158718 E734128			Elevation (ft):	420	
PLSS:	T04S, R15E	, Sec. 32, NW (M)			Acres:	0.0	
Location:	APPROXIM MERCED R		ST OF KELSEY	' RESERVOIR	AND WEST OF U	NIMPROVED DIRT ROAD, N	ORTH OF THE
Detailed Location:	SITE KEL24 DATA.	I.3. THE LOCATION IS MAPI	PED IN THE S	N 1/4 OF THE	NW 1/4 SECTION	32. LOCATION MAPPED US	SING DIGITAL
Ecological:		ONSISTS OF A VERNAL PO ELATIVELY UNDISTURBED			IN THE EASTER	N MERCED COUNTY REGIO	ONAL STUDY
General:		NUMBER OBSERVED DUR OUNTY REGIONAL STUDY				IGH-QUALITY HABITAT, TH ION OF THIS SPECIES.	E EASTERN
Owner/Manager:	PVT-KELSE	Y RANCH					
Occurrence No.	982	Map Index: 69531	EO Index:	70309		Element Last Seen:	
		•					2007-05-15
Occ. Rank:	Good	·	Presence:	Presumed Ex	xtant	Site Last Seen:	2007-05-15 2007-05-15
Occ. Rank: Occ. Type:		ve occurrence	Presence: Trend:	Presumed Ex Unknown	xtant	Site Last Seen: Record Last Updated:	
					xtant		2007-05-15
Осс. Туре:	Natural/Nati				xtant		2007-05-15
Occ. Type: Quad Summary:	Natural/Nati	3712064)			Accuracy:		2007-05-15
Occ. Type: Quad Summary: County Summary:	Natural/Nati La Grange (Tuolumne 37.68718 / -	3712064)				Record Last Updated:	2007-05-15
Occ. Type: Quad Summary: County Summary: Lat/Long:	Natural/Nati La Grange (Tuolumne 37.68718 / - Zone-10 N4	3712064) 120.38583			Accuracy:	Record Last Updated: 80 meters	2007-05-15
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Natural/Nati La Grange (Tuolumne 37.68718 / - Zone-10 N4 T03S, R14E	3712064) 120.38583 174324 E730508 ;, Sec. 12, SW (M)	Trend:	Unknown	Accuracy: Elevation (ft): Acres:	Record Last Updated: 80 meters 1004	2007-05-15 2007-06-13
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Natural/Nati La Grange (Tuolumne 37.68718 / - Zone-10 N4 T03S, R14E	3712064) 120.38583 174324 E730508 ;, Sec. 12, SW (M)	Trend:	Unknown	Accuracy: Elevation (ft): Acres:	Record Last Updated: 80 meters 1004 0.0	2007-05-15 2007-06-13
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Natural/Nati La Grange (Tuolumne 37.68718 / - Zone-10 N4 T03S, R14E ALONG BIG	3712064) 120.38583 174324 E730508 ;, Sec. 12, SW (M)	Trend:	Unknown ID BONDS FL4	Accuracy: Elevation (ft): Acres: AT ROAD, SOUTH	Record Last Updated: 80 meters 1004 0.0 OF DON PEDRO RESERVO	2007-05-15 2007-06-13
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Natural/Nati La Grange (Tuolumne 37.68718 / - Zone-10 N4 T03S, R14E ALONG BIG HABITAT C	3712064) 120.38583 174324 E730508 5, Sec. 12, SW (M) 5 CREEK, BETWEEN MCNU	Trend: LTY RIDGE AN	Unknown ID BONDS FL4	Accuracy: Elevation (ft): Acres: AT ROAD, SOUTH	Record Last Updated: 80 meters 1004 0.0 OF DON PEDRO RESERVO	2007-05-15 2007-06-13



California Department of Fish and Wildlife



VERSTU						
Occurrence No.	1034	Map Index: 72262	EO Index:	73214	Element Last Seen:	2007-08-13
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2007-08-13
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2008-09-12
Quad Summary:	Merced Fa	alls (3712053)				
County Summary:	Merced					
Lat/Long:	37.51844	/ -120.31954		Accuracy:	80 meters	
UTM:	Zone-10 N	4155763 E736889		Elevation (ft):	400	
PLSS:	T05S, R15	5E, Sec. 10, NW (M)		Acres:	0.0	
Location:		5 MI SE OF MERCED FALLS /MARIPOSA COUNTY LINE.	DIVERSION DA	AM & 0.5 MI NORTH OF TABLE	TOP MTN, JUST WEST OF	
Detailed Location:						
Ecological:				IN ORIGIN. SE ASPECT & 10% RASSLAND & RESIDENTIAL.	SLOPE. DOMINATED BY CF	RYPSIS
General:	1 DESICC	ATED JUVENILE FOUND 13	AUG 2007.			
Owner/Manager:	PVT					
• •					Element Code: AAAE	2502020
western spadefo					Element Code: AAAE	51 02020
•	ot	None		CNDDB Element Ran		51 02020
western spadefo	ot	None None		CNDDB Element Ran		51 02020
western spadefo	ot Federal:	None	SSC-Species of S	CNDDB Element Ran	ks: Global: G3 State: S3	02020
western spadefo	ot Federal: State:	None BLM_S-Sensitive, CDFW_S			ks: Global: G3 State: S3 Threatened	
western spadefo Listing Status:	ot Federal: State: Other:	None BLM_S-Sensitive, CDFW_S OCCURS PRIMARILY IN G WOODLANDS.	RASSLAND HA	Special Concern, IUCN_NT-Near	ks: Global: G3 State: S3 Threatened	
western spadefo Listing Status: Habitat:	ot Federal: State: Other: General:	None BLM_S-Sensitive, CDFW_S OCCURS PRIMARILY IN G WOODLANDS.	RASSLAND HA	Special Concern, IUCN_NT-Near BITATS, BUT CAN BE FOUND	ks: Global: G3 State: S3 Threatened	
western spadefo Listing Status: Habitat: Dccurrence No.	ot Federal: State: Other: General: Micro:	None BLM_S-Sensitive, CDFW_S OCCURS PRIMARILY IN G WOODLANDS. VERNAL POOLS ARE ESS	GRASSLAND HA	Special Concern, IUCN_NT-Near BITATS, BUT CAN BE FOUND REEDING AND EGG-LAYING.	ks: Global: G3 State: S3 Threatened IN VALLEY-FOOTHILL HARD	WOOD
western spadefo Listing Status: Habitat: Occurrence No. Occ. Rank:	ot Federal: State: Other: General: Micro: 19 Unknown	None BLM_S-Sensitive, CDFW_S OCCURS PRIMARILY IN G WOODLANDS. VERNAL POOLS ARE ESS	BRASSLAND HA BENTIAL FOR BI EO Index:	Special Concern, IUCN_NT-Near BITATS, BUT CAN BE FOUND REEDING AND EGG-LAYING. 9399	ks: Global: G3 State: S3 Threatened IN VALLEY-FOOTHILL HARD Element Last Seen:	WOOD 1992-02-14
western spadefo Listing Status: Habitat: Dccurrence No. Dcc. Rank: Dcc. Type:	ot Federal: State: Other: General: Micro: 19 Unknown Natural/Na	None BLM_S-Sensitive, CDFW_S OCCURS PRIMARILY IN G WOODLANDS. VERNAL POOLS ARE ESS Map Index: 20946	GRASSLAND HA SENTIAL FOR BI EO Index: Presence:	Special Concern, IUCN_NT-Near BITATS, BUT CAN BE FOUND REEDING AND EGG-LAYING. 9399 Presumed Extant	ks: Global: G3 State: S3 Threatened IN VALLEY-FOOTHILL HARD Element Last Seen: Site Last Seen:	WOOD 1992-02-14 1992-02-14
western spadefo Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	ot Federal: State: Other: General: Micro: 19 Unknown Natural/Na Coopersto	None BLM_S-Sensitive, CDFW_S OCCURS PRIMARILY IN G WOODLANDS. VERNAL POOLS ARE ESS Map Index: 20946 ative occurrence	GRASSLAND HA SENTIAL FOR BI EO Index: Presence:	Special Concern, IUCN_NT-Near BITATS, BUT CAN BE FOUND REEDING AND EGG-LAYING. 9399 Presumed Extant	ks: Global: G3 State: S3 Threatened IN VALLEY-FOOTHILL HARD Element Last Seen: Site Last Seen:	WOOD 1992-02-14 1992-02-14
western spadefo Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	ot Federal: State: Other: General: Micro: 19 Unknown Natural/Na Coopersto Stanislaus	None BLM_S-Sensitive, CDFW_S OCCURS PRIMARILY IN G WOODLANDS. VERNAL POOLS ARE ESS Map Index: 20946 ative occurrence	GRASSLAND HA SENTIAL FOR BI EO Index: Presence:	Special Concern, IUCN_NT-Near BITATS, BUT CAN BE FOUND REEDING AND EGG-LAYING. 9399 Presumed Extant	ks: Global: G3 State: S3 Threatened IN VALLEY-FOOTHILL HARD Element Last Seen: Site Last Seen:	WOOD 1992-02-14 1992-02-14
western spadefo Listing Status: Habitat: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long:	ot Federal: State: Other: General: Micro: 19 Unknown Natural/Na Coopersto Stanislaus 37.67937	None BLM_S-Sensitive, CDFW_S OCCURS PRIMARILY IN G WOODLANDS. VERNAL POOLS ARE ESS Map Index: 20946 ative occurrence own (3712065)	GRASSLAND HA SENTIAL FOR BI EO Index: Presence:	Special Concern, IUCN_NT-Near BITATS, BUT CAN BE FOUND REEDING AND EGG-LAYING. 9399 Presumed Extant Unknown	ks: Global: G3 State: S3 Threatened IN VALLEY-FOOTHILL HARD Element Last Seen: Site Last Seen: Record Last Updated:	WOOD 1992-02-14 1992-02-14
western spadefo Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	ot Federal: State: Other: General: Micro: 19 Unknown Natural/Na Coopersto Stanislaus 37.67937 Zone-10 N	None BLM_S-Sensitive, CDFW_S OCCURS PRIMARILY IN G WOODLANDS. VERNAL POOLS ARE ESS Map Index: 20946 ative occurrence own (3712065)	GRASSLAND HA SENTIAL FOR BI EO Index: Presence:	Special Concern, IUCN_NT-Near BITATS, BUT CAN BE FOUND REEDING AND EGG-LAYING. 9399 Presumed Extant Unknown	ks: Global: G3 State: S3 Threatened IN VALLEY-FOOTHILL HARD Element Last Seen: Site Last Seen: Record Last Updated: 1/5 mile	WOOD 1992-02-14 1992-02-14
western spadefo Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	ot Federal: State: Other: General: Micro: 19 Unknown Natural/Na Coopersto Stanislaus 37.67937 Zone-10 N T03S, R12	None BLM_S-Sensitive, CDFW_S OCCURS PRIMARILY IN G WOODLANDS. VERNAL POOLS ARE ESS Map Index: 20946 ative occurrence own (3712065) 3 / -120.60240 44172946 E711431 2E, Sec. 13, NW (M)	GRASSLAND HA SENTIAL FOR BI EO Index: Presence: Trend:	Special Concern, IUCN_NT-Near BITATS, BUT CAN BE FOUND REEDING AND EGG-LAYING. 9399 Presumed Extant Unknown Accuracy: Elevation (ft):	ks: Global: G3 State: S3 Threatened IN VALLEY-FOOTHILL HARD Element Last Seen: Site Last Seen: Record Last Updated: 1/5 mile 375	WOOD 1992-02-14 1992-02-14
western spadefo Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	ot Federal: State: Other: General: Micro: 19 Unknown Natural/Na Coopersto Stanislaus 37.67937 Zone-10 N T03S, R12	None BLM_S-Sensitive, CDFW_S OCCURS PRIMARILY IN G WOODLANDS. VERNAL POOLS ARE ESS Map Index: 20946 ative occurrence own (3712065) 3 / -120.60240 44172946 E711431 2E, Sec. 13, NW (M)	GRASSLAND HA SENTIAL FOR BI EO Index: Presence: Trend:	Special Concern, IUCN_NT-Near BITATS, BUT CAN BE FOUND REEDING AND EGG-LAYING. 9399 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	ks: Global: G3 State: S3 Threatened IN VALLEY-FOOTHILL HARD Element Last Seen: Site Last Seen: Record Last Updated: 1/5 mile 375	WOOD 1992-02-14 1992-02-14
western spadefo Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	ot Federal: State: Other: General: Micro: 19 Unknown Natural/Na Coopersto Stanislaus 37.67937 Zone-10 N T03S, R12	None BLM_S-Sensitive, CDFW_S OCCURS PRIMARILY IN G WOODLANDS. VERNAL POOLS ARE ESS Map Index: 20946 ative occurrence own (3712065) 3 / -120.60240 44172946 E711431 2E, Sec. 13, NW (M)	GRASSLAND HA SENTIAL FOR BI EO Index: Presence: Trend:	Special Concern, IUCN_NT-Near BITATS, BUT CAN BE FOUND REEDING AND EGG-LAYING. 9399 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	ks: Global: G3 State: S3 Threatened IN VALLEY-FOOTHILL HARD Element Last Seen: Site Last Seen: Record Last Updated: 1/5 mile 375	WOOD 1992-02-14 1992-02-14
Listing Status:	ot Federal: State: Other: General: Micro: 19 Unknown Natural/Na Coopersto Stanislaus 37.67937 Zone-10 N T03S, R12 CRABTRE	None BLM_S-Sensitive, CDFW_S OCCURS PRIMARILY IN G WOODLANDS. VERNAL POOLS ARE ESS Map Index: 20946 ative occurrence own (3712065) 5 / -120.60240 44172946 E711431 2E, Sec. 13, NW (M) EE ROAD, 2.6 MI NORTH OF	GRASSLAND HA GENTIAL FOR BI EO Index: Presence: Trend: HWY 132, 4 MI	Special Concern, IUCN_NT-Near BITATS, BUT CAN BE FOUND REEDING AND EGG-LAYING. 9399 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	ks: Global: G3 State: S3 Threatened IN VALLEY-FOOTHILL HARD Element Last Seen: Site Last Seen: Record Last Updated: 1/5 mile 375 0.0	WOOD 1992-02-14 1992-02-14



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Occurrence No.	20	Map Index: 20947	EO Index:	9398	Element Last Seen:	1992-02-14
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1992-02-14
Occ. Type:	Natural/Native		Trend:	Unknown	Record Last Updated:	1992-02-14
			irena.			1002 04 01
Quad Summary:	Cooperstown	(3712065)				
County Summary:	Stanislaus					
Lat/Long:	37.65651 / -12	20.60642		Accuracy:	80 meters	
UTM:	Zone-10 N417	70400 E711141		Elevation (ft):	230	
PLSS:	T03S, R12E,	Sec. 24, SW (M)		Acres:	0.0	
Location:	CRABTREE F	ROAD, 0.8 MI NORTH OF	HWY 132, NOR	TH OF TURLOCK LAKE.		
Detailed Location:						
Ecological:						
General:	ONE SPADE	FOOT TOAD OBSERVED	, 9:00-9:30PM D	URING INTERMITTENT RAIN.		
Owner/Manager:	UNKNOWN					
	24	Man Index: 00040	EO la devi	0200	Element Lost Coor	1992-02-14
Occurrence No.	21	Map Index: 20948	EO Index:	9396 Descurred Extent	Element Last Seen:	
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1992-02-14
Осс. Туре:	Natural/Native	e occurrence	Trend:	Unknown	Record Last Updated:	1992-04-07
Quad Summary:	Cooperstown	(3712065)				
County Summary:	Stanislaus					
Lat/Long:	37.65081 / -12	20.61177		Accuracy:	80 meters	
UTM:	Zone-10 N416	69756 E710686		Elevation (ft):	230	
PLSS:	T03S, R12E,	Sec. 26, NE (M)		Acres:	0.0	
Location:		ROAD, 0.3 MI NORTH OF	HWY 132, NOR	TH OF TURLOCK LAKE.		
	CRABIREEF					
	CRABIREE F					
Detailed Location:	CRABIREE F					
Detailed Location: Ecological:		FOOT TOAD OBSERVED	, 9:00-9:30PM D	URING INTERMITTENT RAIN.		
Detailed Location: Ecological: General:		FOOT TOAD OBSERVED	, 9:00-9:30PM D	URING INTERMITTENT RAIN.		
Detailed Location: Ecological: General: Owner/Manager:	ONE SPADER UNKNOWN					
Detailed Location: Ecological: General: Owner/Manager: Occurrence No.	ONE SPADER UNKNOWN 42	FOOT TOAD OBSERVED Map Index: 33067	EO Index:	3698	Element Last Seen:	1994-04-06
Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No.	ONE SPADER UNKNOWN			3698	Element Last Seen: Site Last Seen:	1994-04-06 1994-04-06
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	ONE SPADER UNKNOWN 42	Map Index: 33067	EO Index:	3698		
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	ONE SPADER UNKNOWN 42 Unknown	Map Index: 33067	EO Index: Presence:	3698 Presumed Extant	Site Last Seen:	1994-04-06
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	ONE SPADER UNKNOWN 42 Unknown Natural/Native	Map Index: 33067	EO Index: Presence:	3698 Presumed Extant	Site Last Seen:	1994-04-06
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	ONE SPADER UNKNOWN 42 Unknown Natural/Native Cooperstown	Map Index: 33067 e occurrence (3712065)	EO Index: Presence:	3698 Presumed Extant	Site Last Seen:	1994-04-06
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	ONE SPADER UNKNOWN 42 Unknown Natural/Native Cooperstown Stanislaus 37.73763 / -12	Map Index: 33067 e occurrence (3712065)	EO Index: Presence:	3698 Presumed Extant Unknown	Site Last Seen: Record Last Updated:	1994-04-06
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	ONE SPADER UNKNOWN 42 Unknown Natural/Native Cooperstown Stanislaus 37.73763 / -12 Zone-10 N417	Map Index: 33067 e occurrence (3712065) 20.57950	EO Index: Presence:	3698 Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: 1/5 mile	1994-04-06
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	ONE SPADER UNKNOWN 42 Unknown Natural/Native Cooperstown Stanislaus 37.73763 / -12 Zone-10 N417 T02S, R13E, 1	Map Index: 33067 e occurrence (3712065) 20.57950 79463 E713284 Sec. 30, NE (M)	EO Index: Presence: Trend:	3698 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/5 mile 245 0.0	1994-04-06 1995-03-28
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	ONE SPADER UNKNOWN 42 Unknown Natural/Native Cooperstown Stanislaus 37.73763 / -12 Zone-10 N417 T02S, R13E, 1	Map Index: 33067 e occurrence (3712065) 20.57950 79463 E713284 Sec. 30, NE (M)	EO Index: Presence: Trend:	3698 Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 1/5 mile 245 0.0	1994-04-06 1995-03-28
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	ONE SPADER UNKNOWN 42 Unknown Natural/Native Cooperstown Stanislaus 37.73763 / -12 Zone-10 N417 T02S, R13E, 7 NORTH SIDE	Map Index: 33067 e occurrence (3712065) 20.57950 79463 E713284 Sec. 30, NE (M) E OF COOPERSTOWN RC	EO Index: Presence: Trend: DAD, 0.6 MILE E	3698 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: AST OF WILLIAMS ROAD, AB	Site Last Seen: Record Last Updated: 1/5 mile 245 0.0	1994-04-06 1995-03-28
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	ONE SPADER UNKNOWN 42 Unknown Natural/Native Cooperstown Stanislaus 37.73763 / -12 Zone-10 N417 T02S, R13E, NORTH SIDE AMBYSTOMA	Map Index: 33067 e occurrence (3712065) 20.57950 79463 E713284 Sec. 30, NE (M)	EO Index: Presence: Trend: DAD, 0.6 MILE E	3698 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: AST OF WILLIAMS ROAD, AB	Site Last Seen: Record Last Updated: 1/5 mile 245 0.0	1994-04-06 1995-03-28



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Occurrence No.	53 Map	Index: 31446	EO Index:	2686		Element Last Seen:	1975-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	1975-XX-XX
Осс. Туре:	Natural/Native occur	rence	Trend:	Unknown		Record Last Updated:	2008-01-15
Quad Summary:	Turlock Lake (37120	55), Montpelier (3712	056)				
County Summary:	Stanislaus						
Lat/Long:	37.60206 / -120.6276	64			Accuracy:	specific area	
UTM:	Zone-10 N4164310 E	E709422			Elevation (ft):	195	
PLSS:	T04S, R12E, Sec. 10	D, E (M)			Acres:	692.0	
Location:	HICKMAN VERNAL HAWKINS ROAD.	POOL; WSW OF TUP	RLOCK LAKE;	SOUTHEAST	OF THE INTERSE	ECTION BETWEEN LAKE RO	DAD &
Detailed Location:	OBSERVATION MAI COMPLEX.	DE IN LARGEST POO	DL, BUT DIST	RIBUTION MA	Y EXTEND THRO	UGHOUT THE ENTIRE VER	NAL POOL
Ecological:		POOL SURROUNDE				D WEEDS HAVE INVADED ANT NURSERIES.	THE LARGEST
General:		WESTERN SPADEFO PFIA COLUSANA, OR				RVED. ALSO RARE AND EN 3SERVED.	IDANGERED
Owner/Manager:	PVT-ROBINSON RA	NCH					
Occurrence No.	306 Map	Index: 59067	EO Index:	59103		Element Last Seen:	2003-11-08
Occ. Rank:	Fair		Presence:	Presumed E	xtant	Site Last Seen:	2003-11-08
Occ. Rank: Occ. Type:	Fair Natural/Native occuri	rence	Presence: Trend:	Presumed E Unknown	xtant	Site Last Seen: Record Last Updated:	2003-11-08 2005-01-03
					xtant		
Осс. Туре:	Natural/Native occur				xtant		
Occ. Type: Quad Summary:	Natural/Native occurr Turlock Lake (37120	55)			Accuracy:		
Occ. Type: Quad Summary: County Summary:	Natural/Native occurr Turlock Lake (37120 Stanislaus	39				Record Last Updated:	
Occ. Type: Quad Summary: County Summary: Lat/Long:	Natural/Native occurr Turlock Lake (37120) Stanislaus 37.62337 / -120.6133	39 E710620			Accuracy:	Record Last Updated: 80 meters	
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Natural/Native occurr Turlock Lake (37120) Stanislaus 37.62337 / -120.6133 Zone-10 N4166708 E T04S, R12E, Sec. 02	39 E710620	Trend:	Unknown	Accuracy: Elevation (ft): Acres:	Record Last Updated: 80 meters 228 0.0	
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Natural/Native occurr Turlock Lake (37120) Stanislaus 37.62337 / -120.6133 Zone-10 N4166708 E T04S, R12E, Sec. 02	55) 39 E710620 2, NE (M)	Trend:	Unknown	Accuracy: Elevation (ft): Acres:	Record Last Updated: 80 meters 228 0.0	
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Natural/Native occurr Turlock Lake (37120) Stanislaus 37.62337 / -120.6133 Zone-10 N4166708 E T04S, R12E, Sec. 02 ON LAKE ROAD, 0.1	39 E710620 2, NE (M) 1 MILE SE OF ROBEI	Trend:	Unknown	Accuracy: Elevation (ft): Acres: E WEST OF TURL	Record Last Updated: 80 meters 228 0.0	2005-01-03
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Natural/Native occurr Turlock Lake (37120) Stanislaus 37.62337 / -120.6133 Zone-10 N4166708 E T04S, R12E, Sec. 02 ON LAKE ROAD, 0.1 HABITAT SURROUN	39 E710620 2, NE (M) 1 MILE SE OF ROBEI	Trend: RTS FERRY R	Unknown ROAD, 0.6 MIL	Accuracy: Elevation (ft): Acres: E WEST OF TURL	Record Last Updated: 80 meters 228 0.0 OCK LAKE.	2005-01-03



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Occurrence No.	356	Map Index: 67895	EO Index:	68045	Element Last Seen:	2001-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2001-XX-XX
Occ. Type:	Natural/Na	tive occurrence	Trend:	Unknown	Record Last Updated:	2007-02-15
Quad Summary:	Merced Fa	lls (3712053)				
County Summary:	Merced					
Lat/Long:	37 54921 /	-120.33719		Accuracy:	80 meters	
UTM:		4159133 E735232		Elevation (ft):	417	
PLSS:		E, Sec. 32, NE (M)		Acres:	0.0	
Location:		F THE SOUTH FORK DRY C	REEK AND JUS	T WEST OF MERCED/MARIPOS	SA COUNTY LINE, 1 MILE N	ORTHEAST O
Detailed Location:			ED IN THE NE 1/	4 OF THE NE 1/4 SECTION 32.	LOCATION MAPPED USING	DIGITAL
Ecological:	HABITAT (CONSISTS OF A VERNAL P	OOL.			
General:	THE SOUT		MERCED COUN	AMPHIBIAN SURVEYS. THE CO TY ARE CONSIDERED "UNIQUI		
Owner/Manager:	PVT-KELS	EY RANCH				
Rana boylii					Element Code: AAAE	3H01050
•	and from					
foothill yellow-leg		None		CNDDR Element Paul	ve Clobal G3	
•	Federal:	None		CNDDB Element Rank		
foothill yellow-leg	Federal: State:	None	SSC-Species of S		State: S3	ve
foothill yellow-leg	Federal:	None BLM_S-Sensitive, CDFW_S	•	Special Concern, IUCN_NT-Near	State: S3 Threatened, USFS_S-Sensiti	
foothill yellow-leg	Federal: State: Other:	None BLM_S-Sensitive, CDFW_S PARTLY-SHADED, SHALL	OW STREAMS		State: S3 Threatened, USFS_S-Sensiti SSTRATE IN A VARIETY OF	HABITATS.
foothill yellow-leg	Federal: State: Other: General:	None BLM_S-Sensitive, CDFW_S PARTLY-SHADED, SHALL NEED AT LEAST SOME C	OW STREAMS	Special Concern, IUCN_NT-Near & RIFFLES WITH A ROCKY SUB	State: S3 Threatened, USFS_S-Sensiti SSTRATE IN A VARIETY OF	HABITATS.
foothill yellow-leg Listing Status: Habitat:	Federal: State: Other: General: Micro:	None BLM_S-Sensitive, CDFW_S PARTLY-SHADED, SHALL NEED AT LEAST SOME C METAMORPHOSIS.	OW STREAMS	Special Concern, IUCN_NT-Near & RIFFLES WITH A ROCKY SUE SUBSTRATE FOR EGG-LAYING.	State: S3 Threatened, USFS_S-Sensiti SSTRATE IN A VARIETY OF NEED AT LEAST 15 WEEK3	HABITATS. S TO ATTAIN
foothill yellow-leg Listing Status: Habitat: Occurrence No.	Federal: State: Other: General: Micro: 23 Unknown	None BLM_S-Sensitive, CDFW_S PARTLY-SHADED, SHALL NEED AT LEAST SOME C METAMORPHOSIS.	OW STREAMS OBBLE-SIZED S EO Index:	Special Concern, IUCN_NT-Near & RIFFLES WITH A ROCKY SUB SUBSTRATE FOR EGG-LAYING. 28457	State: S3 Threatened, USFS_S-Sensiti STRATE IN A VARIETY OF NEED AT LEAST 15 WEEKS Element Last Seen:	HABITATS. S TO ATTAIN 1970-XX-XX
foothill yellow-leg Listing Status: Habitat: Occurrence No. Occ. Rank:	Federal: State: Other: General: Micro: 23 Unknown	None BLM_S-Sensitive, CDFW_S PARTLY-SHADED, SHALL NEED AT LEAST SOME C METAMORPHOSIS. Map Index: 13694 tive occurrence	OW STREAMS OBBLE-SIZED S EO Index: Presence:	Special Concern, IUCN_NT-Near & RIFFLES WITH A ROCKY SUE SUBSTRATE FOR EGG-LAYING. 28457 Presumed Extant	State: S3 Threatened, USFS_S-Sensiti SSTRATE IN A VARIETY OF NEED AT LEAST 15 WEEK3 Element Last Seen: Site Last Seen:	HABITATS. S TO ATTAIN 1970-XX-XX 1970-XX-XX
foothill yellow-leg Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type:	Federal: State: Other: General: Micro: 23 Unknown Natural/Na	None BLM_S-Sensitive, CDFW_S PARTLY-SHADED, SHALL NEED AT LEAST SOME C METAMORPHOSIS. Map Index: 13694 tive occurrence	OW STREAMS OBBLE-SIZED S EO Index: Presence:	Special Concern, IUCN_NT-Near & RIFFLES WITH A ROCKY SUE SUBSTRATE FOR EGG-LAYING. 28457 Presumed Extant	State: S3 Threatened, USFS_S-Sensiti SSTRATE IN A VARIETY OF NEED AT LEAST 15 WEEK3 Element Last Seen: Site Last Seen:	HABITATS. S TO ATTAIN 1970-XX-XX 1970-XX-XX
foothill yellow-leg Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	Federal: State: Other: General: Micro: 23 Unknown Natural/Na Moccasin (Tuolumne	None BLM_S-Sensitive, CDFW_S PARTLY-SHADED, SHALL NEED AT LEAST SOME C METAMORPHOSIS. Map Index: 13694 tive occurrence	OW STREAMS OBBLE-SIZED S EO Index: Presence:	Special Concern, IUCN_NT-Near & RIFFLES WITH A ROCKY SUE SUBSTRATE FOR EGG-LAYING. 28457 Presumed Extant	State: S3 Threatened, USFS_S-Sensiti SSTRATE IN A VARIETY OF NEED AT LEAST 15 WEEK3 Element Last Seen: Site Last Seen:	HABITATS. S TO ATTAIN 1970-XX-XX 1970-XX-XX
foothill yellow-leg Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	Federal: State: Other: General: Micro: 23 Unknown Natural/Na Moccasin (Tuolumne 37.77519 /	None BLM_S-Sensitive, CDFW_S PARTLY-SHADED, SHALL NEED AT LEAST SOME C METAMORPHOSIS. Map Index: 13694 tive occurrence (3712073)	OW STREAMS OBBLE-SIZED S EO Index: Presence:	Special Concern, IUCN_NT-Near & RIFFLES WITH A ROCKY SUE SUBSTRATE FOR EGG-LAYING. 28457 Presumed Extant Unknown	State: S3 Threatened, USFS_S-Sensiti SSTRATE IN A VARIETY OF NEED AT LEAST 15 WEEK Element Last Seen: Site Last Seen: Record Last Updated:	HABITATS. S TO ATTAIN 1970-XX-XX 1970-XX-XX
foothill yellow-leg Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Federal: State: Other: General: Micro: 23 Unknown Natural/Na Moccasin (Tuolumne 37.77519 / Zone-10 N	None BLM_S-Sensitive, CDFW_S PARTLY-SHADED, SHALL NEED AT LEAST SOME C METAMORPHOSIS. Map Index: 13694 tive occurrence (3712073)	OW STREAMS OBBLE-SIZED S EO Index: Presence:	Special Concern, IUCN_NT-Near & RIFFLES WITH A ROCKY SUB SUBSTRATE FOR EGG-LAYING. 28457 Presumed Extant Unknown Accuracy:	State: S3 Threatened, USFS_S-Sensiti SSTRATE IN A VARIETY OF NEED AT LEAST 15 WEEKS Element Last Seen: Site Last Seen: Record Last Updated: 1 mile	HABITATS. S TO ATTAIN 1970-XX-XX 1970-XX-XX
foothill yellow-leg Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Federal: State: Other: General: Micro: 23 Unknown Natural/Na Moccasin (Tuolumne 37.77519 / Zone-10 N	None BLM_S-Sensitive, CDFW_S PARTLY-SHADED, SHALL NEED AT LEAST SOME C METAMORPHOSIS. Map Index: 13694 tive occurrence (3712073) 7-120.32464 4184243 E735626 (E, Sec. 09, SW (M)	OW STREAMS OBBLE-SIZED S EO Index: Presence:	Special Concern, IUCN_NT-Near & RIFFLES WITH A ROCKY SUE SUBSTRATE FOR EGG-LAYING. 28457 Presumed Extant Unknown Accuracy: Elevation (ft):	State: S3 Threatened, USFS_S-Sensiti SSTRATE IN A VARIETY OF NEED AT LEAST 15 WEEK: Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 1600	HABITATS. S TO ATTAIN 1970-XX-XX 1970-XX-XX
foothill yellow-leg Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Federal: State: Other: General: Micro: 23 Unknown Natural/Na Moccasin (Tuolumne 37.77519 / Zone-10 N T02S, R15 HATCH LA	None BLM_S-Sensitive, CDFW_S PARTLY-SHADED, SHALL NEED AT LEAST SOME C METAMORPHOSIS. Map Index: 13694 tive occurrence (3712073) 7-120.32464 4184243 E735626 (E, Sec. 09, SW (M) KKE. OSTLY IN SMALL PERMAN	OW STREAMS & OBBLE-SIZED S EO Index: Presence: Trend:	Special Concern, IUCN_NT-Near & RIFFLES WITH A ROCKY SUE SUBSTRATE FOR EGG-LAYING. 28457 Presumed Extant Unknown Accuracy: Elevation (ft):	State: S3 Threatened, USFS_S-Sensiti SSTRATE IN A VARIETY OF NEED AT LEAST 15 WEEK: Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 1600 0.0	HABITATS. S TO ATTAIN 1970-XX-XX 1970-XX-XX 1989-08-10
foothill yellow-leg Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Federal: State: Other: General: Micro: 23 Unknown Natural/Na Moccasin (Tuolumne 37.77519 / Zone-10 N T02S, R15 HATCH LA FOUND M	None BLM_S-Sensitive, CDFW_S PARTLY-SHADED, SHALL NEED AT LEAST SOME C METAMORPHOSIS. Map Index: 13694 tive occurrence (3712073) 7-120.32464 4184243 E735626 (E, Sec. 09, SW (M) KKE. OSTLY IN SMALL PERMAN	OW STREAMS & OBBLE-SIZED S EO Index: Presence: Trend:	Special Concern, IUCN_NT-Near & RIFFLES WITH A ROCKY SUB SUBSTRATE FOR EGG-LAYING. 28457 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	State: S3 Threatened, USFS_S-Sensiti SSTRATE IN A VARIETY OF NEED AT LEAST 15 WEEK: Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 1600 0.0	HABITATS. S TO ATTAIN 1970-XX-XX 1970-XX-XX 1989-08-10
foothill yellow-leg Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Federal: State: Other: General: Micro: 23 Unknown Natural/Na Moccasin (Tuolumne 37.77519 / Zone-10 N T02S, R15 HATCH LA FOUND M BULLFRO	None BLM_S-Sensitive, CDFW_S PARTLY-SHADED, SHALL NEED AT LEAST SOME C METAMORPHOSIS. Map Index: 13694 tive occurrence (3712073) 7-120.32464 4184243 E735626 (E, Sec. 09, SW (M) KKE. OSTLY IN SMALL PERMAN	OW STREAMS & OBBLE-SIZED S EO Index: Presence: Trend:	Special Concern, IUCN_NT-Near & RIFFLES WITH A ROCKY SUB SUBSTRATE FOR EGG-LAYING. 28457 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	State: S3 Threatened, USFS_S-Sensiti SSTRATE IN A VARIETY OF NEED AT LEAST 15 WEEK: Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 1600 0.0	HABITATS. S TO ATTAIN 1970-XX-XX 1970-XX-XX 1989-08-10



California Department of Fish and Wildlife



Occurrence No.	24	Map Index: 13688	EO Index:	28456	Element Last Seen:	1970-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1970-XX-XX
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	1989-08-10
Quad Summary:	Penon Blanc	co Peak (3712063), Moccas	in (3712073)			
County Summary:	Tuolumne					
Lat/Long:	37.75604 / -	120.32315		Accuracy:	1 mile	
UTM:	Zone-10 N4	182122 E735818		Elevation (ft):	1200	
PLSS:	T02S, R15E	, Sec. 16 (M)		Acres:	0.0	
Location:	SECOND LA	AKE.				
Detailed Location:	FOUND MO		ENT FOOTHILL	STREAMS HIGHER THAN 200 N	M ELEV, IN AREAS NOT OCC	CUPIED BY
Ecological:						
General:	COLL BTWN	N JULY & SEPT.				
Owner/Manager:	PVT					
Occurrence No.	300	Map Index: 45425	EO Index:	45425	Element Last Seen:	2001-04-05
Occurrence No. Occ. Rank:	300 Good	Map Index: 45425	EO Index: Presence:	45425 Presumed Extant	Element Last Seen: Site Last Seen:	2001-04-05 2001-04-05
	Good	Map Index: 45425				
Occ. Rank:	Good	ve occurrence	Presence:	Presumed Extant	Site Last Seen:	2001-04-05
Occ. Rank: Occ. Type:	Good Natural/Nativ	ve occurrence	Presence:	Presumed Extant	Site Last Seen:	2001-04-05
Occ. Rank: Occ. Type: Quad Summary:	Good Natural/Nativ Moccasin (3	ve occurrence 712073)	Presence:	Presumed Extant	Site Last Seen:	2001-04-05
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Good Natural/Nativ Moccasin (3 Tuolumne 37.77846 / -*	ve occurrence 712073)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2001-04-05
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Good Natural/Nativ Moccasin (3 Tuolumne 37.77846 / - Zone-10 N4	ve occurrence 712073) 120.27247	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: 1/10 mile	2001-04-05
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Good Natural/Nativ Moccasin (3' Tuolumne 37.77846 / -' Zone-10 N4' T02S, R15E NEAR THE 0	ve occurrence 712073) 120.27247 184739 E740211 , Sec. 12, NW (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 1/10 mile 1200 0.0	2001-04-05 2001-08-07
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Good Natural/Nativ Moccasin (3' Tuolumne 37.77846 / -' Zone-10 N4' T02S, R15E NEAR THE 0	ve occurrence 712073) 120.27247 184739 E740211 , Sec. 12, NW (M) CONFLUENCE OF BIG JAC	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/10 mile 1200 0.0	2001-04-05 2001-08-07
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Good Natural/Nativ Moccasin (3 Tuolumne 37.77846 / - ⁻ Zone-10 N4 ⁺ T02S, R15E NEAR THE (DON PEDRO	ve occurrence 712073) 120.27247 184739 E740211 , Sec. 12, NW (M) CONFLUENCE OF BIG JAC D RESERVOIR.	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/10 mile 1200 0.0 TH OF HIGHWAY 49, 4 MILES	2001-04-05 2001-08-07
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Good Natural/Nativ Moccasin (3) Tuolumne 37.77846 / - Zone-10 N4 ² T02S, R15E NEAR THE 0 DON PEDRO HABITAT CO	ve occurrence 712073) 120.27247 184739 E740211 , Sec. 12, NW (M) CONFLUENCE OF BIG JAC D RESERVOIR.	Presence: Trend: CKASS CREEK	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: AND MOCCASIN CREEK, SOUT	Site Last Seen: Record Last Updated: 1/10 mile 1200 0.0 TH OF HIGHWAY 49, 4 MILES	2001-04-05 2001-08-07 S EAST OF





osprey	nent Code: ABNKC01010
Listing Status: Federal: None CNDDB Element Ranks: Glob	
	al: G5
State: None State	: S4
Other: CDF_S-Sensitive, CDFW_WL-Watch List, IUCN_LC-Least Concern	
Habitat: General: OCEAN SHORE, BAYS, FRESH-WATER LAKES, AND LARGER STREAMS.	
Micro: LARGE NESTS BUILT IN TREE-TOPS WITHIN 15 MILES OF A GOOD FISH-PRODUC	ING BODY OF WATER.
Occurrence No. 416 Map Index: 68017 EO Index: 68172 Eleme	nt Last Seen: 2001-05-01
Occ. Rank: Unknown Presence: Presumed Extant Site L	ast Seen: 2001-05-01
Occ. Type: Natural/Native occurrence Trend: Unknown Recor	d Last Updated: 2007-02-01
Quad Summary: Snelling (3712054)	
County Summary: Merced	
Lat/Long: 37.51657 / -120.39448 Accuracy: 80 meter	S
UTM: Zone-10 N4155370 E730271 Elevation (ft): 280	
PLSS: T05S, R14E, Sec. 11, NE (M) Acres: 0.0	
Location: ALONG THE MERCED RIVER, EAST OF HENDERSON PARK, 2.3 MILES WEST OF SNELLING.	
Detailed Location: SITE ID: EMCB15.O. LOCATION MAPPED IN THE SE 1/4 OF THE NE 1/4 OF SECTION 11. LOCA	TION MAPPED USING DIGITAL
Ecological:	
General: NEST OBSERVED ON 1 MAY 2001.	
Owner/Manager: UNKNOWN	
Occurrence No. 434 Map Index: 69788 EO Index: 70602 Eleme	nt Last Seen: 2007-07-10
Occurrence No. 434 Map Index: 69788 EO Index: 70602 Eleme Occ. Rank: Fair Presence: Presumed Extant Site Line	ast Seen: 2007-07-10
Occurrence No. 434 Map Index: 69788 EO Index: 70602 Eleme Occ. Rank: Fair Presence: Presumed Extant Site Line	
Occurrence No. 434 Map Index: 69788 EO Index: 70602 Eleme Occ. Rank: Fair Presence: Presumed Extant Site Li Occ. Type: Natural/Native occurrence Trend: Unknown Record	ast Seen: 2007-07-10
Occurrence No. 434 Map Index: 69788 EO Index: 70602 Eleme Occ. Rank: Fair Presence: Presumed Extant Site Li Occ. Type: Natural/Native occurrence Trend: Unknown Record Quad Summary: Merced Falls (3712053) Merced Falls (3712053) Merced Falls (3712053) Merced Falls (3712053)	ast Seen: 2007-07-10
Occurrence No. 434 Map Index: 69788 EO Index: 70602 Eleme Occ. Rank: Fair Presence: Presumed Extant Site Li Occ. Type: Natural/Native occurrence Trend: Unknown Record Quad Summary: Merced Falls (3712053) Merced Merced Merced	ast Seen: 2007-07-10 d Last Updated: 2007-08-23
Occurrence No. 434 Map Index: 69788 EO Index: 70602 Eleme Occ. Rank: Fair Presence: Presumed Extant Site Li Occ. Type: Natural/Native occurrence Trend: Unknown Record Quad Summary: Merced Falls (3712053) Merced Eleme Merced Lat/Long: 37.52578 / -120.33012 Accuracy: 80 mete	ast Seen: 2007-07-10 d Last Updated: 2007-08-23
Occurrence No. 434 Map Index: 69788 EO Index: 70602 Eleme Occ. Rank: Fair Presence: Presumed Extant Site Leme Occ. Type: Natural/Native occurrence Trend: Unknown Record Quad Summary: Merced Falls (3712053) Merced Kerced Kerced Lat/Long: 37.52578 / -120.33012 Accuracy: 80 mete UTM: Zone-10 N4156551 E735931 Elevation (ft): 366	ast Seen: 2007-07-10 d Last Updated: 2007-08-23
Occurrence No. 434 Map Index: 69788 EO Index: 70602 Eleme Occ. Rank: Fair Presence: Presumed Extant Site La Occ. Type: Natural/Native occurrence Trend: Unknown Record Quad Summary: Merced Falls (3712053) Merced Kerced Kerced Lat/Long: 37.52578 / -120.33012 Accuracy: 80 meter UTM: Zone-10 N4156551 E735931 Elevation (ft): 366	ast Seen: 2007-07-10 d Last Updated: 2007-08-23 s
Occurrence No.434Map Index: 69788EO Index:70602ElemeOcc. Rank:FairPresence:Presumed ExtantSite Later Site Later Site Later Site Later Site Later Site Later Site Site Later Site Site Site Site Site Site Site Site	Ast Seen: 2007-07-10 d Last Updated: 2007-08-23
Occurrence No. 434 Map Index: 69788 EO Index: 70602 Eleme Occ. Rank: Fair Presence: Presumed Extant Site L Occ. Type: Natural/Native occurrence Trend: Unknown Record Quad Summary: Merced Falls (3712053) Merced Image: County Summary: Merced Lat/Long: 37.52578 / -120.33012 Accuracy: 80 meter UTM: Zone-10 N4156551 E735931 Elevation (ft): 366 PLSS: T05S, R15E, Sec. 04, SW (M) Acres: 0.0 Location: WEST SIDE OF MERCED FALLS ROAD, JUST NORTH OF THE INTERSECTION OF HORNITOS FALLS DIVERSION DAM. NEST IS LOCATED ATOP A POWER POLE FOR A LINE THAT RUNS ALONG THE WEST SIDE OF POWER POLE CLOSEST TO THE INTERSECTION OF HORNITOS ROAD AND MERCED FALLS INSTALLED TO PREVENT NESTING.	Ast Seen: 2007-07-10 d Last Updated: 2007-08-23 s ROAD, NORTH OF MERCED OF MERCED FALLS ROAD. ROAD HAS FEATURES
Occurrence No. 434 Map Index: 69788 EO Index: 70602 Eleme Occ. Rank: Fair Presence: Presumed Extant Site L Occ. Type: Natural/Native occurrence Trend: Unknown Record Quad Summary: Merced Falls (3712053) Merced Kerced Kerced Lat/Long: 37.52578 / -120.33012 Accuracy: 80 mete UTM: Zone-10 N4156551 E735931 Elevation (ft): 366 PLSS: T05S, R15E, Sec. 04, SW (M) Acres: 0.0 Location: WEST SIDE OF MERCED FALLS ROAD, JUST NORTH OF THE INTERSECTION OF HORNITOS FALLS DIVERSION DAM. NEST IS LOCATED ATOP A POWER POLE FOR A LINE THAT RUNS ALONG THE WEST SIDE OF POWER POLE CLOSEST TO THE INTERSECTION OF HORNITOS ROAD AND MERCED FALLS INSTALLED TO PREVENT NESTING. Ecological: HABITAT SURROUNDING NEST SITE CONSISTS OF OAK/GRASSLAND, WITH SOME EVIDENC SOME RIPARIAN.	Ast Seen: 2007-07-10 d Last Updated: 2007-08-23 s ROAD, NORTH OF MERCED OF MERCED FALLS ROAD. ROAD HAS FEATURES
Occurrence No. 434 Map Index: 69788 EO Index: 70602 Element Occ. Rank: Fair Presence: Presumed Extant Site L Occ. Type: Natural/Native occurrence Trend: Unknown Record Quad Summary: Merced Falls (3712053) Merced Record Record Quad Summary: Merced Merced Accuracy: 80 meterd Lat/Long: 37.52578 / -120.33012 Accuracy: 80 meterd UTM: Zone-10 N4156551 E735931 Elevation (ft): 366 PLSS: T05S, R15E, Sec. 04, SW (M) Acres: 0.0 Location: WEST SIDE OF MERCED FALLS ROAD, JUST NORTH OF THE INTERSECTION OF HORNITOS FALLS DIVERSION DAM. NEST IS LOCATED ATOP A POWER POLE FOR A LINE THAT RUNS ALONG THE WEST SIDE OF POWER POLE CLOSEST TO THE INTERSECTION OF HORNITOS ROAD AND MERCED FALLS INSTALLED TO PREVENT NESTING. Ecological: HABITAT SURROUNDING NEST SITE CONSISTS OF OAK/GRASSLAND, WITH SOME EVIDENC SOME RIPARIAN. General: ADULT WITH 2 NESTLINGS OBSERVED IN THE NEST ON 10 JUL 2007.	Ast Seen: 2007-07-10 d Last Updated: 2007-08-23 s ROAD, NORTH OF MERCED OF MERCED FALLS ROAD. ROAD HAS FEATURES
Occurrence No. 434 Map Index: 69788 EO Index: 70602 Element Occ. Rank: Fair Presence: Presumed Extant Site Lite Occ. Type: Natural/Native occurrence Trend: Unknown Record Quad Summary: Merced Falls (3712053) Trend: Unknown Record Quad Summary: Merced Merced Accuracy: 80 metee Lat/Long: 37.52578 / -120.33012 Accuracy: 80 metee UTM: Zone-10 N4156551 E735931 Elevation (ft): 366 PLSS: T05S, R15E, Sec. 04, SW (M) Acres: 0.0 Location: WEST SIDE OF MERCED FALLS ROAD, JUST NORTH OF THE INTERSECTION OF HORNITOS FALLS DIVERSION DAM. NEST IS LOCATED ATOP A POWER POLE FOR A LINE THAT RUNS ALONG THE WEST SIDE OF POWER POLE CLOSEST TO THE INTERSECTION OF HORNITOS ROAD AND MERCED FALLS INSTALLED TO PREVENT NESTING. Ecological: HABITAT SURROUNDING NEST SITE CONSISTS OF OAK/GRASSLAND, WITH SOME EVIDENC SOME RIPARIAN. General: ADULT WITH 2 NESTLINGS OBSERVED IN THE NEST ON 10 JUL 2007. Owmer/Manager: UNKNOWN	Ast Seen: 2007-07-10 d Last Updated: 2007-08-23 s ROAD, NORTH OF MERCED OF MERCED FALLS ROAD. ROAD HAS FEATURES
Occurrence No. 434 Map Index: 69788 EO Index: 70602 Element Occ. Rank: Fair Presence: Presumed Extant Site L Occ. Type: Natural/Native occurrence Trend: Unknown Record Quad Summary: Merced Falls (3712053) Merced Image: County Summary: Merced County Summary: Merced Merced Image: County Summary: Merced Site L Lat/Long: 37.52578 / -120.33012 Accuracy: 80 mete UTM: Zone-10 N4156551 E735931 Elevation (ft): 366 PLSS: T05S, R15E, Sec. 04, SW (M) Acres: 0.0 Location: WEST SIDE OF MERCED FALLS ROAD, JUST NORTH OF THE INTERSECTION OF HORNITOS FALLS DIVERSION DAM. Nest IS LOCATED ATOP A POWER POLE FOR A LINE THAT RUNS ALONG THE WEST SIDE OF OWER POLE CLOSEST TO THE INTERSECTION OF HORNITOS ROAD AND MERCED FALLS INSTALLED TO PREVENT NESTING. Ecological: HABITAT SURROUNDING NEST SITE CONSISTS OF OAK/GRASSLAND, WITH SOME EVIDENC SOME RIPARIAN. General: ADULT WITH 2 NESTLINGS OBSERVED IN THE NEST ON 10 JUL 2007. Owmer/Manager: UNKNOWN	Ast Seen: 2007-07-10 d Last Updated: 2007-08-23 s ROAD, NORTH OF MERCED OF MERCED FALLS ROAD. ROAD HAS FEATURES E OF DREDGE TAILINGS AND ment Code: ABNKC10010
Occurrence No. 434 Map Index: 69788 EO Index: 70602 Element Occ. Rank: Fair Presence: Presumed Extant Site L Occ. Type: Natural/Native occurrence Trend: Unknown Record Quad Summary: Merced Falls (3712053) County Summary: Merced Lat/Long: 37.52578 / -120.33012 Accuracy: 80 mete Lat/Long: 37.52578 / -120.33012 Accuracy: 80 mete UTM: Zone-10 N4156551 E735931 Elevation (ft): 366 PLSS: T05S, R15E, Sec. 04, SW (M) Acres: 0.0 Location: WEST SIDE OF MERCED FALLS ROAD, JUST NORTH OF THE INTERSECTION OF HORNITOS FALLS DIVERSION DAM. Nest IS LOCATED ATOP A POWER POLE FOR A LINE THAT RUNS ALONG THE WEST SIDE OF POWER POLE CLOSEST TO THE INTERSECTION OF HORNITOS ROAD AND MERCED FALLS INSTALLED TO PREVENT NESTING. Ecological: HABITAT SURROUNDING NEST SITE CONSISTS OF OAK/GRASSLAND, WITH SOME EVIDENC SOME RIPARIAN. General: ADULT WITH 2 NESTLINGS OBSERVED IN THE NEST ON 10 JUL 2007. Owmer/Manager: UNKNOWN	Ast Seen: 2007-07-10 d Last Updated: 2007-08-23 s ROAD, NORTH OF MERCED OF MERCED FALLS ROAD. ROAD HAS FEATURES E OF DREDGE TAILINGS AND nent Code: ABNKC10010 al: G5
Occurrence No. 434 Map Index: 69788 EO Index: 70602 Element Occ. Rank: Fair Presence: Presumed Extant Site L Occ. Type: Natural/Native occurrence Trend: Unknown Record Quad Summary: Merced Falls (3712053) Merced Image: County Summary: Merced County Summary: Merced Merced Image: County Summary: Merced Site L Lat/Long: 37.52578 / -120.33012 Accuracy: 80 mete UTM: Zone-10 N4156551 E735931 Elevation (ft): 366 PLSS: T05S, R15E, Sec. 04, SW (M) Acres: 0.0 Location: WEST SIDE OF MERCED FALLS ROAD, JUST NORTH OF THE INTERSECTION OF HORNITOS FALLS DIVERSION DAM. Nest IS LOCATED ATOP A POWER POLE FOR A LINE THAT RUNS ALONG THE WEST SIDE OF OWER POLE CLOSEST TO THE INTERSECTION OF HORNITOS ROAD AND MERCED FALLS INSTALLED TO PREVENT NESTING. Ecological: HABITAT SURROUNDING NEST SITE CONSISTS OF OAK/GRASSLAND, WITH SOME EVIDENC SOME RIPARIAN. General: ADULT WITH 2 NESTLINGS OBSERVED IN THE NEST ON 10 JUL 2007. Owmer/Manager: UNKNOWN	Ast Seen: 2007-07-10 d Last Updated: 2007-08-23 s ROAD, NORTH OF MERCED OF MERCED FALLS ROAD. ROAD HAS FEATURES E OF DREDGE TAILINGS AND nent Code: ABNKC10010 al: G5 : S3



California Department of Fish and Wildlife



Habitat:	General:	OCEAN SHORE, LAKE MAI WATER.	RGINS, & RIVE	RS FOR BOTH	H NESTING & WIN	ITERING. MOST NESTS WIT	HIN 1 MI OF
	Micro:	NESTS IN LARGE, OLD-GR PINE. ROOSTS COMMUNA			TREE W/OPEN B	BRANCHES, ESPECIALLY PO	ONDEROSA
Occurrence No.	228	Map Index: 43477	EO Index:	43477		Element Last Seen:	2007-05-22
Occ. Rank:	Excellent		Presence:	Presumed E	xtant	Site Last Seen:	2007-05-22
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown		Record Last Updated:	2007-08-27
Quad Summary:	Penon Bla	nco Peak (3712063)					
County Summary:	Tuolumne						
Lat/Long:	37.69666 /	-120.36974			Accuracy:	1/10 mile	
UTM:	Zone-10 N	4175415 E731898			Elevation (ft):	700	
PLSS:	T03S, R15	E, Sec. 06, SW (M)			Acres:	0.0	
Location:	SW END C	OF DON PEDRO RESERVOIF	R, NEAR BLANK	KPEAK.			
Detailed Location:	NEST IS L	OCATED IN A BULL PINE (P	INUS SABINIAN	IA) NEAR THE	WATER'S EDGE		
Ecological:	NEST TRE UNDER TH	E IS A BULL PINE (PINUS S HE NEST.	ABINIANA) WIT	'HIN OAK/BUL	L PINE HABITAT;	WHITEWASH AND FISH BO	NES FOUND
General:		AND 1 JUVENILE OBSERVED ICK OBSERVED ON 22 MAY			ON 5 AUG 2000. 2	YOUNG FLEDGED IN 2002.	2 ADULTS
Owner/Manager:	DON PEDI	RO RECREATION AGENCY					
Occurrence No.	254	Map Index: 66672	EO Index:	66820		Element Last Seen:	1992-01-19
Occ. Rank:	Fair		Presence:	Presumed E	xtant	Site Last Seen:	1992-01-19
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown		Record Last Updated:	2006-10-10
Quad Summary:	La Grange	(3712064)					
County Summary:	Stanislaus						
Lat/Long:	37.68268 /	-120.47322			Accuracy:	nonspecific area	
UTM:	Zone-10 N	4173613 E722814			Elevation (ft):	420	
PLSS:	T03S, R14	E, Sec. 07 (M)			Acres:	35.0	
Location:	COOPERS	STOWN ROAD NEAR LA GRA	NGE.				
Detailed Location:	SOURCE	STATES "300 FT FROM HWY	′ 132."				
Ecological:	OAK WOC	DLAND, RANGE LAND.					
General:	1 ADULT (OBSERVED ROOSTING ON ?	19 JAN 1992.				
Owner/Manager:	UNKNOWI	Ν					



California Department of Fish and Wildlife



Occurrence No.	255	Map Index: 66674	EO Index:	66822		Element Last Seen:	1992-02-23
Occ. Rank:	Excellent		Presence:	Presumed Extar	int	Site Last Seen:	1992-02-23
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2006-10-10
Quad Summary:	Turlock Lake	e (3712055), Cooperstown (3	3712065)				
County Summary:	Stanislaus						
Lat/Long:	37.62168 / -1	120.54989		A	Accuracy:	3/5 mile	
UTM:	Zone-10 N41	166664 E716229		E	Elevation (ft):	250	
PLSS:	T04S, R13E,	, Sec. 04 (M)	0.0				
Location:	NORTHEAS	T END OF TURLOCK LAKE	E, NEAR LAKE I	ROAD.			
Detailed Location:							
Ecological:	LAKE IN GR	ASSLAND AREA.					
General:	1 ADULT AN	ID 2 JUVENILES OBSERVE	ED ON 23 FEB	1992.			
Owner/Manager:	STATE						
Occurrence No.	264	Map Index: 68023	EO Index:	68175		Element Last Seen:	2001-02-26
Occurrence No. Occ. Rank:	264 Unknown	Map Index: 68023	EO Index: Presence:	68175 Presumed Extar	int	Element Last Seen: Site Last Seen:	2001-02-26 2001-02-26
	Unknown	Map Index: 68023			Int		
Occ. Rank:	Unknown	ve occurrence	Presence:	Presumed Extar	int	Site Last Seen:	2001-02-26
Occ. Rank: Occ. Type:	Unknown Natural/Nativ	ve occurrence	Presence:	Presumed Extar	int	Site Last Seen:	2001-02-26
Occ. Rank: Occ. Type: Quad Summary:	Unknown Natural/Nativ Merced Falls	ve occurrence 6 (3712053)	Presence:	Presumed Extar Unknown	Accuracy:	Site Last Seen:	2001-02-26
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Unknown Natural/Nativ Merced Falls Merced 37.54176 / -1	ve occurrence 6 (3712053)	Presence:	Presumed Extar Unknown		Site Last Seen: Record Last Updated:	2001-02-26
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Unknown Natural/Nativ Merced Falls Merced 37.54176 / -1	ve occurrence 5 (3712053) 120.35474 158263 E733705	Presence:	Presumed Extar Unknown A	Accuracy:	Site Last Seen: Record Last Updated: 2/5 mile	2001-02-26
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Unknown Natural/Nativ Merced Falls Merced 37.54176 / -1 Zone-10 N41 T04S, R15E,	ve occurrence 5 (3712053) 120.35474 158263 E733705	Presence: Trend:	Presumed Extar Unknown Ar El Ar	Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 2/5 mile 400	2001-02-26
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Nativ Merced Falls Merced 37.54176 / -1 Zone-10 N41 T04S, R15E, KELSEY RES	ve occurrence 5 (3712053) 120.35474 158263 E733705 5 Sec. 31 (M)	Presence: Trend: CED COUNTY.	Presumed Extar Unknown Ar El Ar	Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 2/5 mile 400	2001-02-26
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Nativ Merced Falls Merced 37.54176 / -1 Zone-10 N41 T04S, R15E, KELSEY RES	re occurrence 5 (3712053) 120.35474 158263 E733705 1, Sec. 31 (M) SERVOIR, EASTERN MER	Presence: Trend: CED COUNTY.	Presumed Extar Unknown Ar El Ar	Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 2/5 mile 400	2001-02-26
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Unknown Natural/Nativ Merced Falls Merced 37.54176 / -1 Zone-10 N41 T04S, R15E, KELSEY RES WINTER DA	re occurrence 5 (3712053) 120.35474 158263 E733705 5 Sec. 31 (M) SERVOIR, EASTERN MER Y ROOST SITE. SITE ID: K Y ROOST SITES REPORTI	Presence: Trend: CED COUNTY. ELB03.B.	Presumed Extar Unknown A El A	Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 2/5 mile 400	2001-02-26 2007-02-02



Circus cyaneus

California Department of Fish and Wildlife

California Natural Diversity Database



Element Code: ABNKC11010

Circus cyaneu.	3					
northern harrier						
Listing Status:	Federal:	None		CNDDB Element Ran	ks: Global: G5	
	State:	None			State: S3	
	Other:	CDFW_SSC-Species of Sp	ecial Concern, IL	JCN_LC-Least Concern		
Habitat:	General:	COASTAL SALT & FRESH SINK TO MOUNTAIN CIEN		H. NEST & FORAGE IN GRASSI	ANDS, FROM SALT GRASS	IN DESERT
	Micro:	NESTS ON GROUND IN S OF STICKS IN WET AREA		TATION, USUALLY AT MARSH	EDGE; NEST BUILT OF A LA	RGE MOUND
Occurrence No.	46	Map Index: 68000	EO Index:	68149	Element Last Seen:	2001-04-30
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2001-04-30
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2007-02-01
Quad Summary:	Snelling (3	3712054)				
County Summary:	Merced					
Lat/Long:	37.55289/	/ -120.38621		Accuracy:	80 meters	
UTM:	Zone-10 N	l4159421 E730890		Elevation (ft):	350	
PLSS:	T04S, R14	4E, Sec. 25, SW (M)		Acres:	0.0	
Location:	SOUTH O	F THE SOUTH FORK DRY C	REEK, 1.7 MILE	S NORTHWEST OF KELSEY R	ESERVOIR.	
Detailed Location:	SITE ID: K DATA.	ELB26.N. LOCATION MAPP	ED IN THE SW	1/4 OF THE SW 1/4 OF SECTIO	N 25. LOCATION MAPPED U	ISING DIGITAL
Ecological:		ROVIDE INCREASED BENEI		ANT FORAGING HABITAT FOR DING INDIVIDUALS IF MORE N		
General:	1 PAIR OE	BSERVED ON 30 APR 2001.				
Owner/Manager:	PVT-KELS	SEY RANCH				



California Natural Diversity Database



Element Code: ABNKC19070

Buteo swainsoni

Swainson's hawl	<					
Listing Status:	Federal:	None		CNDDB Element Rar	nks: Global: G5	
	State:	Threatened			State: S3	
	Other:	BLM_S-Sensitive, IUCN_LC	C-Least Concern	, USFWS_BCC-Birds of Conser	vation Concern	
Habitat:	General:	BREEDS IN GRASSLANDS AGRICULTURAL OR RANG	WITH SCATTE	RED TREES, JUNIPER-SAGE I GROVES OR LINES OF TREE	FLATS, RIPARIAN AREAS, S/ ES.	AVANNAHS, &
	Micro:	REQUIRES ADJACENT SU SUPPORTING RODENT PO		GING AREAS SUCH AS GRASS	SLANDS, OR ALFALFA OR GF	AIN FIELDS
Occurrence No.	2401	Map Index: 89832	EO Index:	90842	Element Last Seen:	1919-05-08
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1919-05-08
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown	Record Last Updated:	2013-08-01
Quad Summary:	La Grange	(3712064), Cooperstown (37	12065)			
County Summary:	Stanislaus					
Lat/Long:	37.65543 /	-120.48669		Accuracy:	1 mile	
UTM:	Zone-10 N	4170558 E721707		Elevation (ft):	200	
PLSS:	T03S, R13	8E, Sec. 24 (M)		Acres:	0.0	
Location:	ALONG TH	HE TUOLUMNE RIVER, ABO	UT 1.5 MILES S	OUTHWEST OF LA GRANGE.		
Detailed Location:		N LOCALITY STATED AS "L/ CENTERED AT 1.5 MI SW O		S," BUT GRINNELL'S FIELD N	OTES SUGGEST "2 MI SW L/	A GRANGE."
Ecological:	MM, 200 N		/IGS, LINED WI	E RIVER. OAK SNAG 12 M AW TH MAT OF FRESH BLUE OAK		
General:				919. NEST REVISITED ON 8 M OGRAPHED 2 EGGS IN THE N		
Owner/Manager:	UNKNOW	N				
Occurrence No.	2437	Map Index: 89963	EO Index:	90977	Element Last Seen:	1926-05-09
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1926-05-09
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown	Record Last Updated:	
						2013-09-06
Quad Summary:	Snelling (3	712054)				2013-09-06
Quad Summary: County Summary:		712054)				2013-09-06
•	Merced	712054) 7 -120.43779		Accuracy:	1 mile	2013-09-06
County Summary:	Merced 37.56440 /			Accuracy: Elevation (ft):	1 mile 250	2013-09-06
County Summary: Lat/Long:	Merced 37.56440 / Zone-10 N	/ -120.43779				2013-09-06
County Summary: Lat/Long: UTM:	Merced 37.56440 / Zone-10 N T04S, R14	-120.43779 4160572 E726298		Elevation (ft):	250	2013-09-06
County Summary: Lat/Long: UTM: PLSS:	Merced 37.56440 / Zone-10 N T04S, R14 3 MILES N	7 -120.43779 4160572 E726298 E, Sec. 28 (M) IORTH OF SNELLING.	LITY. EXACT C	Elevation (ft):	250 0.0	2013-09-06
County Summary: Lat/Long: UTM: PLSS: Location:	Merced 37.56440 / Zone-10 N T04S, R14 3 MILES N	7 -120.43779 4160572 E726298 E, Sec. 28 (M) IORTH OF SNELLING.	LITY. EXACT C	Elevation (ft): Acres:	250 0.0	2013-09-06
County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Merced 37.56440 / Zone-10 N T04S, R14 3 MILES N MAPPED	7 -120.43779 4160572 E726298 E, Sec. 28 (M) IORTH OF SNELLING.		Elevation (ft): Acres: OLLECTION LOCATION UNKN	250 0.0	2013-09-06





Buteo regalis ferruginous hawk					Element Code: ABN	(C19120
Listing Status:	Federal:	None		CNDDB Element Ran	ks: Global: G4	
	State:	None			State: S3S4	
	Other:		CN_LC-Least Cor	ncern, USFWS_BCC-Birds of Co		
Habitat:	General:			S, DESERT SCRUB, LOW FOO		INYON AND
		JUNIPER HABITATS.		-, ,		-
	Micro:	EATS MOSTLY LAGOMOR		SQUIRRELS, AND MICE. POPU	JLATION TRENDS MAY FOL	LOW
Occurrence No.	62	Map Index: 67997	EO Index:	68145	Element Last Seen:	2001-02-15
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2001-02-15
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2007-01-31
Quad Summary:	Merced Fa	alls (3712053)				
County Summary:	Merced					
Lat/Long:	37.55707	/ -120.35943		Accuracy:	80 meters	
UTM:	Zone-10 N	4159951 E733243		Elevation (ft):	410	
PLSS:	T04S, R15	iE, Sec. 30, SE (M)		Acres:	0.0	
Detailed Location:	SITE ID: K		ED IN THE NW	LINE, 0.8 MILE DIRECTLY NOF 1/4 OF THE SE 1/4 OF SECTION TAL DATA.		
Location: Detailed Location: Ecological: General: Owner/Manager:	SITE ID: K FORK DR 1 WINTER	ELB08.F. LOCATION MAPP Y CREEK. LOCATION MAPP	PED IN THE NW 7 PED USING DIGI	1/4 OF THE SE 1/4 OF SECTION		
Detailed Location: Ecological: General: Owner/Manager:	SITE ID: K FORK DR 1 WINTER PVT-KELS	ELB08.F. LOCATION MAPP Y CREEK. LOCATION MAPP NG BIRD OBSERVED PER SEY RANCH	PED IN THE NW ? PED USING DIGI	I/4 OF THE SE 1/4 OF SECTION TAL DATA.	I 30 - NORTH OF TRIBUTAR	Y TO SOUTH
Detailed Location: Ecological: General: Owner/Manager: Occurrence No.	SITE ID: K FORK DR 1 WINTER PVT-KELS 63	ELB08.F. LOCATION MAPP Y CREEK. LOCATION MAPP NG BIRD OBSERVED PER	PED IN THE NW PED USING DIGI CHED ON LONE EO Index:	1/4 OF THE SE 1/4 OF SECTION TAL DATA. E OAK TREE ON 15 FEB 2001. 68146	I 30 - NORTH OF TRIBUTAR Element Last Seen:	Y TO SOUTH 2001-02-16
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	SITE ID: K FORK DR 1 WINTER PVT-KELS 63 Unknown	ELB08.F. LOCATION MAPP Y CREEK. LOCATION MAPP NG BIRD OBSERVED PER SEY RANCH	PED IN THE NW ? PED USING DIGI	I/4 OF THE SE 1/4 OF SECTION TAL DATA.	I 30 - NORTH OF TRIBUTAR	Y TO SOUTH
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	SITE ID: K FORK DR 1 WINTER PVT-KELS 63 Unknown Natural/Na	ELB08.F. LOCATION MAPP Y CREEK. LOCATION MAPP RING BIRD OBSERVED PER SEY RANCH Map Index: 67998	ED IN THE NW PED USING DIGI CHED ON LONE EO Index: Presence:	1/4 OF THE SE 1/4 OF SECTION TAL DATA. E OAK TREE ON 15 FEB 2001. 68146 Presumed Extant	I 30 - NORTH OF TRIBUTAR Element Last Seen: Site Last Seen:	Y TO SOUTH 2001-02-16 2001-02-16
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	SITE ID: K FORK DR 1 WINTER PVT-KELS 63 Unknown Natural/Na	ELB08.F. LOCATION MAPP Y CREEK. LOCATION MAPP RING BIRD OBSERVED PER BEY RANCH Map Index: 67998	ED IN THE NW PED USING DIGI CHED ON LONE EO Index: Presence:	1/4 OF THE SE 1/4 OF SECTION TAL DATA. E OAK TREE ON 15 FEB 2001. 68146 Presumed Extant	I 30 - NORTH OF TRIBUTAR Element Last Seen: Site Last Seen:	Y TO SOUTH 2001-02-16 2001-02-16
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	SITE ID: K FORK DR 1 WINTER PVT-KELS 63 Unknown Natural/Na Merced Fa Merced	ELB08.F. LOCATION MAPP Y CREEK. LOCATION MAPP RING BIRD OBSERVED PER SEY RANCH Map Index: 67998	ED IN THE NW PED USING DIGI CHED ON LONE EO Index: Presence:	1/4 OF THE SE 1/4 OF SECTION TAL DATA. E OAK TREE ON 15 FEB 2001. 68146 Presumed Extant	I 30 - NORTH OF TRIBUTAR Element Last Seen: Site Last Seen:	Y TO SOUTH 2001-02-16 2001-02-16
Detailed Location: Ecological: General:	SITE ID: K FORK DR 1 WINTER PVT-KELS 63 Unknown Natural/Na Merced Fa Merced 37.56272	ELB08.F. LOCATION MAPP Y CREEK. LOCATION MAPP RING BIRD OBSERVED PER SEY RANCH Map Index: 67998 ative occurrence	ED IN THE NW PED USING DIGI CHED ON LONE EO Index: Presence:	1/4 OF THE SE 1/4 OF SECTION TAL DATA. E OAK TREE ON 15 FEB 2001. 68146 Presumed Extant Unknown	I 30 - NORTH OF TRIBUTAR Element Last Seen: Site Last Seen: Record Last Updated:	Y TO SOUTH 2001-02-16 2001-02-16
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	SITE ID: K FORK DR 1 WINTER PVT-KELS 63 Unknown Natural/Na Merced Fa Merced 37.56272 / Zone-10 N	ELB08.F. LOCATION MAPP Y CREEK. LOCATION MAPP CREEK. LOCATION MAPP RING BIRD OBSERVED PER SEY RANCH Map Index: 67998 Ative occurrence Alls (3712053)	ED IN THE NW PED USING DIGI CHED ON LONE EO Index: Presence:	AVA OF THE SE 1/4 OF SECTION TAL DATA. OAK TREE ON 15 FEB 2001. 68146 Presumed Extant Unknown Accuracy:	Element Last Seen: Site Last Seen: Record Last Updated: 80 meters	Y TO SOUTH 2001-02-16 2001-02-16
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	SITE ID: K FORK DR 1 WINTER PVT-KELS 63 Unknown Natural/Na Merced Fa Merced 37.56272 / Zone-10 N T04S, R15	ELB08.F. LOCATION MAPP Y CREEK. LOCATION MAPP Y CREEK. LOCATION MAPP BING BIRD OBSERVED PER SEY RANCH Map Index: 67998 Ative occurrence Alls (3712053) (-120.35103 (4160599 E733967 SE, Sec. 29, NW (M)	ED IN THE NW PED USING DIGI CHED ON LONE EO Index: Presence: Trend:	Arresumed Extant Unknown Accuracy: Elevation (ft):	Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 447 0.0	Y TO SOUTH 2001-02-16 2001-02-16
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	SITE ID: K FORK DR 1 WINTER PVT-KELS 63 Unknown Natural/Na Merced Fa Merced 37.56272 / Zone-10 N T04S, R15 0.3 MILE V	ELB08.F. LOCATION MAPP Y CREEK. LOCATION MAPP XING BIRD OBSERVED PER SEY RANCH Map Index: 67998 Ative occurrence Alls (3712053) 	ED IN THE NW PED USING DIGI CHED ON LONE EO Index: Presence: Trend:	Accuracy: Elevation (ft): Acres:	Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 447 0.0	Y TO SOUTH 2001-02-16 2001-02-16 2007-01-31
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	SITE ID: K FORK DR 1 WINTER PVT-KELS 63 Unknown Natural/Na Merced Fa Merced 37.56272 / Zone-10 N T04S, R15 0.3 MILE V SITE ID: K	ELB08.F. LOCATION MAPP Y CREEK. LOCATION MAPP XING BIRD OBSERVED PER SEY RANCH Map Index: 67998 Ative occurrence Alls (3712053) 	ED IN THE NW PED USING DIGI CHED ON LONE EO Index: Presence: Trend:	Accuracy: Elevation (ft): Acres: TY LINE AND 1.3 MILES NORTH	Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 447 0.0	Y TO SOUTH 2001-02-16 2001-02-16 2007-01-31
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	SITE ID: K FORK DR 1 WINTER PVT-KELS 63 Unknown Natural/Na Merced Fa Merced 37.56272 / Zone-10 N T04S, R15 0.3 MILE N SITE ID: K DATA.	ELB08.F. LOCATION MAPP Y CREEK. LOCATION MAPP XING BIRD OBSERVED PER SEY RANCH Map Index: 67998 Ative occurrence Alls (3712053) 	ED IN THE NW ED USING DIGI CHED ON LONE EO Index: Presence: Trend: ARIPOSA COUNT ED IN THE NW	Ares: Arthorn Content of the section of the sectio	Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 447 0.0	Y TO SOUTH 2001-02-16 2001-02-16 2007-01-31



California Natural Diversity Database



Charadrius mo	ontanus				Eleme	nt Code: ABNI	NB03100
mountain plover							
Listing Status:	Federal:	None		CNDDB Element Ran	ks: Global:	G3	
	State:	None			State:	S2S3	
	Other:	BLM_S-Sensitive, CDFW_S USFWS_BCC-Birds of Cor		Special Concern, IUCN_NT-Near	Threatened, N	NABCI_RWL-R	ed Watch List
Habitat:	General:	SHORT GRASSLANDS, F FARMS.	RESHLY PLOW	ED FIELDS, NEWLY SPROUTIN	G GRAIN FIE	LDS, & SOMET	IMES SOD
	Micro:	SHORT VEGETATION, BA BURROWING RODENTS.	RE GROUND &	FLAT TOPOGRAPHY. PREFER	S GRAZED A	REAS & AREA	S WITH
Occurrence No.	22	Map Index: 54026	EO Index:	54026	Element	Last Seen:	2002-11-30
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last	Seen:	2002-11-30
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record L	ast Updated:	2004-01-22
Quad Summary:	Turlock La	ke (3712055)					
County Summary:	Stanislaus						
_at/Long:	37.61483	/ -120.53599		Accuracy:	2/5 mile		
UTM:	Zone-10 N	4165937 E717476		Elevation (ft):	250		
PLSS:	T04S, R13	8E, Sec. 04, SE (M)		Acres:	0.0		
Location:	EAST SID ROAD.	E OF TURLOCK LAKE BY E	NTRANCE TO IN	NLET AREA. LAKE ROAD ABOU	T 0.5 MILE NO	ORTH OF LOS	CERRITOS
Detailed Location:	SOME BIF	RDS EASILY SEEN BY THE	ROADSIDE ON (OTHER SIDE OF FENCE. SIGHT	ED BY R. FO	WLER.	
Ecological:							
General:		0/2002: 40 OR MORE BIRD: D JANUARY.	S SEEN. TYPICA	LLY THE PLOVERS IN THE AR	EA ARRIVE E	ARLY DECEM	BER AND
Owner/Manager:	UNKNOW	Ν					
Athene cunicu	laria				Eleme	nt Code: ABNS	SB10010
burrowing owl							
Listing Status:	Federal:	None		CNDDB Element Ran	ks: Global:	G4	
	State:	None			State:	S3	
	Other:	BLM_S-Sensitive, CDFW_S	SSC-Species of S	Special Concern, IUCN_LC-Leas	t Concern, US	FWS_BCC-Bird	ls of
Habitat:	General:	OPEN, DRY ANNUAL OR GROWING VEGETATION.		ASSLANDS, DESERTS & SCRU	BLANDS CHA	RACTERIZED	BY LOW-
	Micro:	SUBTERRANEAN NESTE	R, DEPENDENT	UPON BURROWING MAMMAL	S, MOST NOT	ABLY, THE CA	LIFORNIA

GROUND SQUIRREL.



California Department of Fish and Wildlife



Occurrence No.	364	Map Index: 43752	EO Index:	43752		Element Last Seen:	1999-05-01		
Occ. Rank:	Good		Presence:	Presumed Ex	xtant	Site Last Seen:	1999-05-01		
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2000-09-14		
Quad Summary:	Merced Falls	s (3712053)							
County Summary:	Merced								
Lat/Long:	37.54548 / -	120.36492			Accuracy:	80 meters			
UTM:	Zone-10 N4	158650 E732794			Elevation (ft):	400			
PLSS:	T04S, R15E	, Sec. 31, NW (M)			Acres:	0.0			
Location:	KELSEY RA	NCH, 0.3 MILE WEST OF K	ELSEY RESER	RVOIR, 2.1 MIL	ES NORTH OF SI	NELLING DIVERSION DAM.			
Detailed Location:	BURROW F	OUND IN GRASSLAND.							
Ecological:	GRASSLAN MANAGED.	GRASSLAND AND ROCKY BLUFF. SURROUNDING LAND USE IS GRAZING, LAND IS STATED AS APPEARING WELL							
General:	OWL OBSE	RVED ON ROCKY BLUFF AI	BOVE GRASS	LAND WHERE	BURROW WAS F	OUND.			
Owner/Manager:	PVT								
Occurrence No.	885	Map Index: 67987	EO Index:	68137		Element Last Seen:	2001-02-16		
Occ. Rank:	Unknown		Presence:	Presumed Ex	xtant	Site Last Seen:	2001-02-16		
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2007-02-01		
Quad Summary:	Merced Falls	s (3712053)							
County Summary:	Merced								
Lat/Long:	37.56149 / -	120.35070			Accuracy:	80 meters			
UTM:	Zone-10 N4	160463 E734000			Elevation (ft):	460			
PLSS:	T04S, R15E	, Sec. 29, NW (M)			Acres:	0.0			
Location:	0.3 MILE WI	EST OF THE MERCED/MAR	IPOSA COUN	TY LINE, 1.20 I	MILES NORTH OF	KELSEY RESERVOIR.			
Location: Detailed Location:	SITE ID: KE			Y TO THE SOL	JTH FORK DRY C	KELSEY RESERVOIR. REEK AND UNIMPROVED D	IRT ROAD -		
	SITE ID: KE NW 1/4 OF OWLS ARE	LB05.B. LOCATED BETWEE THE NW 1/4 SECTION 29. L	EN TRIBUTARY OCATION MAR R AND THE BR	Y TO THE SOL PPED USING E REEDING SEA	JTH FORK DRY C DIGITAL DATA. SON IN THE EAS	REEK AND UNIMPROVED D			
Detailed Location:	SITE ID: KE NW 1/4 OF OWLS ARE STUDY ARE	LB05.B. LOCATED BETWEE THE NW 1/4 SECTION 29. LO PRESENT DURING WINTEF	EN TRIBUTARY OCATION MAR R AND THE BR WIDES IMPOR	Y TO THE SOL PPED USING E REEDING SEAS TANT HABITA	ITH FORK DRY C DIGITAL DATA. SON IN THE EAS IT FOR THIS SPE	REEK AND UNIMPROVED D			



California Department of Fish and Wildlife



Occurrence No.	886	Map Index: 67991	EO Index:	68138	Element Last Seen:	2001-02-26			
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2001-02-26			
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2007-02-01			
Quad Summary:	Merced Fa	alls (3712053)							
County Summary:	Merced								
Lat/Long:	37.55860	/ -120.35684		Accuracy:	80 meters				
UTM:	Zone-10 N	4160127 E733467		Elevation (ft):	450				
PLSS:	T04S, R15	5E, Sec. 30, NE (M)		Acres:	0.0				
Location:	0.8 MILE \	WEST OF THE MERCED/MA	RIPOSA COUNT	TY LINE, 1 MILE DIRECTLY NOF	RTH OF KELSEY RESERVOI	R.			
Detailed Location:		SITE ID: KELB06.B. LOCATED CENTRALLY IN THE SOUTH HALF OF THE NE 1/4 SECTION 30 - NORTH OF TRIBUTARY TO SOUTH FORK DRY CREEK AND EAST OF UNNAMED POND. LOCATION MAPPED USING DIGITAL DATA.							
Ecological:				EEDING SEASON IN THE EAS		GIONAL			
General:	OWL FLU	SHED FROM BURROW IN R	OCKY AREA ON	V 26 FEB 2001.					
Owner/Manager:	PVT-KELS	SEY RANCH							
Eremophila alp California horned		a			Element Code: ABPA	T02011			
Listing Status:	Federal:	None		CNDDB Element Ranl	ks: Global: G5T3Q				
	State:	None			State: S3				
	Other:	CDFW_WL-Watch List, IUC	N_LC-Least Cor	ncern					
Habitat:	General:	COASTAL REGIONS, CHIE VALLEY & EAST TO FOOT		NOMA CO. TO SAN DIEGO CO.	ALSO MAIN PART OF SAN	JOAQUIN			
Habitat:	General: Micro:	VALLEY & EAST TO FOOT	HILLS.	NOMA CO. TO SAN DIEGO CO. MOUNTAIN MEADOWS, OPEN (
		VALLEY & EAST TO FOOT SHORT-GRASS PRAIRIE,	HILLS.			GRAIN			
Occurrence No.	Micro:	VALLEY & EAST TO FOOT SHORT-GRASS PRAIRIE, FIELDS, ALKALI FLATS.	'HILLS. "BALD" HILLS, M	MOUNTAIN MEADOWS, OPEN (COASTAL PLAINS, FALLOW	GRAIN XXXX-XX-X			
Occurrence No. Occ. Rank:	Micro: 1 Unknown	VALLEY & EAST TO FOOT SHORT-GRASS PRAIRIE, FIELDS, ALKALI FLATS.	HILLS. "BALD" HILLS, M EO Index:	MOUNTAIN MEADOWS, OPEN (8657	COASTAL PLAINS, FALLOW				
Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	Micro: 1 Unknown Natural/Na	VALLEY & EAST TO FOOT SHORT-GRASS PRAIRIE, FIELDS, ALKALI FLATS. Map Index: 34859	HILLS. "BALD" HILLS, N EO Index: Presence: Trend:	MOUNTAIN MEADOWS, OPEN 0 8657 Presumed Extant	COASTAL PLAINS, FALLOW Element Last Seen: Site Last Seen:	GRAIN XXXX-XX-X XXXX-XX-X			
Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	Micro: 1 Unknown Natural/Na	VALLEY & EAST TO FOOT SHORT-GRASS PRAIRIE, FIELDS, ALKALI FLATS. Map Index: 34859 ative occurrence	HILLS. "BALD" HILLS, N EO Index: Presence: Trend:	MOUNTAIN MEADOWS, OPEN 0 8657 Presumed Extant	COASTAL PLAINS, FALLOW Element Last Seen: Site Last Seen:	GRAIN XXXX-XX-X XXXX-XX-X			
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	Micro: 1 Unknown Natural/Na Coopersto Stanislaus	VALLEY & EAST TO FOOT SHORT-GRASS PRAIRIE, FIELDS, ALKALI FLATS. Map Index: 34859 ative occurrence	HILLS. "BALD" HILLS, N EO Index: Presence: Trend:	MOUNTAIN MEADOWS, OPEN 0 8657 Presumed Extant	COASTAL PLAINS, FALLOW Element Last Seen: Site Last Seen:	GRAIN XXXX-XX-X XXXX-XX-X			
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Micro: 1 Unknown Natural/Na Coopersto Stanislaus 37.74306	VALLEY & EAST TO FOOT SHORT-GRASS PRAIRIE, FIELDS, ALKALI FLATS. Map Index: 34859 ative occurrence own (3712065), Keystone (371	HILLS. "BALD" HILLS, N EO Index: Presence: Trend:	MOUNTAIN MEADOWS, OPEN 0 8657 Presumed Extant Unknown	COASTAL PLAINS, FALLOW Element Last Seen: Site Last Seen: Record Last Updated:	GRAIN XXXX-XX-X XXXX-XX-X			
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Micro: 1 Unknown Natural/Na Coopersto Stanislaus 37.74306 Zone-10 N	VALLEY & EAST TO FOOT SHORT-GRASS PRAIRIE, FIELDS, ALKALI FLATS. Map Index: 34859 ative occurrence own (3712065), Keystone (371 5 / -120.59200	HILLS. "BALD" HILLS, N EO Index: Presence: Trend:	MOUNTAIN MEADOWS, OPEN 0 8657 Presumed Extant Unknown Accuracy:	COASTAL PLAINS, FALLOW Element Last Seen: Site Last Seen: Record Last Updated: 1 mile	GRAIN XXXX-XX-X XXXX-XX-X			
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Micro: 1 Unknown Natural/Na Coopersto Stanislaus 37.74306 / Zone-10 N T02S, R12	VALLEY & EAST TO FOOT SHORT-GRASS PRAIRIE, FIELDS, ALKALI FLATS. Map Index: 34859 ative occurrence own (3712065), Keystone (371 5 / -120.59200 44180037 E712167 2E, Sec. 24, SW (M)	HILLS. "BALD" HILLS, N EO Index: Presence: Trend: 2075)	MOUNTAIN MEADOWS, OPEN 0 8657 Presumed Extant Unknown Accuracy: Elevation (ft):	COASTAL PLAINS, FALLOW Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 239 0.0	GRAIN XXXX-XX-X XXXX-XX-X			
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Micro: 1 Unknown Natural/Na Coopersto Stanislaus 37.74306 / Zone-10 N T02S, R12	VALLEY & EAST TO FOOT SHORT-GRASS PRAIRIE, FIELDS, ALKALI FLATS. Map Index: 34859 ative occurrence own (3712065), Keystone (371 5 / -120.59200 44180037 E712167 2E, Sec. 24, SW (M)	HILLS. "BALD" HILLS, N EO Index: Presence: Trend: 2075)	MOUNTAIN MEADOWS, OPEN 0 8657 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	COASTAL PLAINS, FALLOW Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 239 0.0	GRAIN XXXX-XX-X XXXX-XX-X			
Occurrence No. Occ. Rank: Occ. Type:	Micro: 1 Unknown Natural/Na Coopersto Stanislaus 37.74306 / Zone-10 N T02S, R12	VALLEY & EAST TO FOOT SHORT-GRASS PRAIRIE, FIELDS, ALKALI FLATS. Map Index: 34859 ative occurrence own (3712065), Keystone (371 5 / -120.59200 44180037 E712167 2E, Sec. 24, SW (M)	HILLS. "BALD" HILLS, N EO Index: Presence: Trend: 2075)	MOUNTAIN MEADOWS, OPEN 0 8657 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	COASTAL PLAINS, FALLOW Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 239 0.0	GRAIN XXXX-XX-X XXXX-XX-X			
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Micro: 1 Unknown Natural/Na Coopersto Stanislaus 37.74306 / Zone-10 N T02S, R12 NNE OF V	VALLEY & EAST TO FOOT SHORT-GRASS PRAIRIE, FIELDS, ALKALI FLATS. Map Index: 34859 ative occurrence own (3712065), Keystone (371 5 / -120.59200 44180037 E712167 2E, Sec. 24, SW (M)	HILLS. "BALD" HILLS, N EO Index: Presence: Trend: 2075)	MOUNTAIN MEADOWS, OPEN (8657 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: IS ROAD AND ROCK RIVER RO	COASTAL PLAINS, FALLOW Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 239 0.0	GRAIN XXXX-XX-X XXXX-XX-X			



California Natural Diversity Database



Element Code: ABPAW01100

Baeolophus inornatus

Bacciopilae in	omatao						
oak titmouse							
Listing Status:	Federal:	None		CNDDB Element Ran	ks: Global:	G4	
	State:	None			State:	S4	
	Other:	IUCN_LC-Least Concern, N	ABCI_YWL-Yel	low Watch List, USFWS_BCC-Bi	rds of Conserv	vation Concern	
Habitat:	General:	OAK WOODLANDS					
	Micro:	CAVITY NESTER					
Occurrence No.	1	Map Index: 79471	EO Index:	80443	Element	Last Seen:	2010-05-22
Occ. Rank:	Good		Presence:	Presumed Extant	Site Las	t Seen:	2010-05-22
Осс. Туре:	Natural/N	ative occurrence	Trend:	Unknown	Record I	Last Updated:	2010-08-11
Quad Summary:	Penon Bl	anco Peak (3712063)					
County Summary:	Tuolumne	e					
Lat/Long:	37.69000	/ -120.32805		Accuracy:	80 meters		
UTM:	Zone-10 I	N4174780 E735595		Elevation (ft):	980		
PLSS:	T03S, R1	5E, Sec. 09, NW (M)		Acres:	0.0		
Location:		132 & ALONG THE W SIDE C RESERVOIR.	F PINEY RIDGI	E, ABOUT 2 MI WSW OF GRAN	TE SPRINGS	, E THE S END	OF DON
Detailed Location:		EE ALONG NORTH TRIBUTA ED COORDINATES.	RY TO ROGER	CREEK, JUST SOUTH OF EL F	RADO RD AT	CASTILO WA	Y. MAPPED TO
Ecological:				S DOUGLASII NEAR AN INTER Y HOME AND COMMERCIAL B			LUE OAK
General:	2 ADULT	S OBSERVED NESTING ON 2	22 MAY 2010.				
Owner/Manager:	PVT						
Vireo bellii pus	sillus				Eleme	nt Code: ABPI	3W01114
- least Bell's vireo							
Listing Status:	Federal:	Endangered		CNDDB Element Ran	ks: Global:	G5T2	
	State:	Endangered			State:	S2	
	Other:	IUCN_NT-Near Threatened	, NABCI_YWL-Y	ellow Watch List			
Habitat:	General:	SUMMER RESIDENT OF S BOTTOMS; BELOW 2000 F		LIFORNIA IN LOW RIPARIAN IN	VICINITY OF	WATER OR IN	DRY RIVER
	Micro:	NESTS PLACED ALONG M WILLOW, BACCHARIS, ME		JSHES OR ON TWIGS PROJEC	TING INTO P	ATHWAYS, US	UALLY



California Department of Fish and Wildlife



	508	Map Index: 17383	EO Index:	92602	Element Last Seen:	1919-05-09
Occ. Rank:	None		Presence:	Possibly Extirpated	Site Last Seen:	2004-05-21
Осс. Туре:	Natural/Nat	ive occurrence	Trend:	Unknown	Record Last Updated:	2014-02-26
Quad Summary:	La Grange	(3712064), Cooperstown (37	12065)			
County Summary:	Stanislaus					
Lat/Long:	37.64725 /	-120.49729		Accuracy:	1 mile	
UTM:	Zone-10 N4	4169624 E720797		Elevation (ft):	180	
PLSS:	T03S, R13E	E, Sec. 25 (M)		Acres:	0.0	
Location:	ABOUT 2 M	/ILES SW OF LA GRANGE, I	BETWEEN DOI	N PEDRO RESERVOIR AND TU	JRLOCK LAKE.	
Detailed Location:	ABOUT 2 M		OWN CENTER	GE, 2 MI SW" NEAR "DREDGE , INCLUDING PORTIONS OF T		
Ecological:	NEST CON	ISTRUCTED WITHIN CLUMF	S OF WILLOW	'S AND ALDERS.		
General:	CONSISTE		ID WAS ALSO	/Z #1786) ON 9 MAY 1919 BY J COLLECTED (MVZ #30873). No		
Owner/Manager:		ITY-LA GRANGE RP, UNK				
Occurrence No.	523	Map Index: 91681	EO Index:	92754	Element Last Seen:	1915-05-29
		•				1010 00 20
Occ. Rank:	None		Presence:	Possibly Extirpated	Site Last Seen:	2004-05-19
		ive occurrence	Presence: Trend:	Possibly Extirpated Unknown		
Осс. Туре:					Site Last Seen:	2004-05-19
Occ. Type: Quad Summary:	Natural/Nat				Site Last Seen:	2004-05-19
Occ. Type: Quad Summary: County Summary:	Natural/Nat Snelling (37	712054)			Site Last Seen:	2004-05-19
Occ. Type: Quad Summary: County Summary: Lat/Long:	Natural/Nat Snelling (37 Merced 37.52028 /	712054)		Unknown	Site Last Seen: Record Last Updated:	2004-05-19
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Natural/Nat Snelling (37 Merced 37.52028 / Zone-10 N4	712054) -120.43061		Unknown Accuracy:	Site Last Seen: Record Last Updated: nonspecific area	2004-05-19
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Natural/Nat Snelling (37 Merced 37.52028 / Zone-10 N4 T05S, R14E	712054) -120.43061 4155693 E727066	Trend:	Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: nonspecific area 250	2004-05-19
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Natural/Nat Snelling (37 Merced 37.52028 / 2 Zone-10 N4 T05S, R14E ALONG TH FROM SNE TO ABOUT	712054) -120.43061 4155693 E727066 E, Sec. 09, NE (M) IE MERCED RIVER AT, AND ELLING, GRINNELL SURVEY	Trend: EAST OF, SNE ED OUT TO A	Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: nonspecific area 250 183.0 IE MERCED RIVER (BOTH 26	2004-05-19 2014-02-26
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Natural/Nat Snelling (37 Merced 37.52028 / Zone-10 N4 T05S, R14E ALONG TH FROM SNE TO ABOUT GENERAL SEEN "IN V COMMON A	712054) -120.43061 4155693 E727066 E, Sec. 09, NE (M) ELLING, GRINNELL SURVEY PRESENT DAY HENDERSC AREA ALONG RIVER. WILLOW, NETTLE, AND BLA	Trend: EAST OF, SNE ED OUT TO AE DN PARK. ON 2 CKBERRY TAN AREA; TAILING	Unknown Accuracy: Elevation (ft): Acres: ELLING. 30UT 1 MILE EAST ALONG TH	Site Last Seen: Record Last Updated: nonspecific area 250 183.0 IE MERCED RIVER (BOTH 26 1 TO ABOUT 300 YARDS. MA	2004-05-19 2014-02-26 3-27 MAY), OU SPED TO
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Natural/Nat Snelling (37 Merced 37.52028 / Zone-10 N4 T05S, R14E ALONG TH FROM SNE TO ABOUT GENERAL SEEN "IN V COMMON J MORE EXT DETECTED DETECTED	712054) -120.43061 4155693 E727066 E, Sec. 09, NE (M) ELLING, GRINNELL SURVEY PRESENT DAY HENDERSO AREA ALONG RIVER. WILLOW, NETTLE, AND BLA ALONG THE RIVER IN THIS TENSIVE EAST IN 2005 AER D 4 EACH ON 26 & 27 MAY V	Trend: EAST OF, SNE ED OUT TO AB ON PARK. ON 2 CKBERRY TAN AREA; TAILING IAL. VHILE SURVEY NNELL NOTED	Unknown Accuracy: Elevation (ft): Acres: ELLING. BOUT 1 MILE EAST ALONG TH 29 MAY HE SURVEYED SOUTH IGLES CLOSE ALONG RIVER. GS NOTED SOUTH OF TOWN, VING E OF TOWN ALONG RIVE THEY WERE "COMMON" AT S	Site Last Seen: Record Last Updated: nonspecific area 250 183.0 IE MERCED RIVER (BOTH 26 1 TO ABOUT 300 YARDS. MA DREDGE TAILINGS SEEM T SOUTH SIDE OF RIVER IN 1 ER. WITHIN 300 YDS S OF TO	2004-05-19 2014-02-26 3-27 MAY), OU SPED TO FO BE 918 TOPO, & DWN,



California Department of Fish and Wildlife



Occurrence No.	525	Map Index: 91683	EO Index:	92758	Element Last Seen:	1915-05-23
Occ. Rank:	None		Presence:	Extirpated	Site Last Seen:	2004-05-26
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown	Record Last Updated:	2014-02-26
Quad Summary:	Penon Bla	nco Peak (3712063)				
County Summary:	Mariposa					
Lat/Long:	37.64948 /	′ -120.28919		Accuracy:	3/5 mile	
JTM:	Zone-10 N	4170383 E739152		Elevation (ft):	840	
PLSS:	T03S, R15	iE, Sec. 26, N (M)		Acres:	0.0	
_ocation:	PLEASAN SNELLING		OF FORTYNINE	GAP AND 2 MI WSW OF JASPI	ER POINT (JASPER PPL), 12	2.25 AIR MI N
Detailed Location:				MCCLURE, AN EMPOUNDMEN G MAY 1915 AS PART OF GRIN		
Ecological:	IN COFFE MCCLURE		ER. RIPARIAN	HABITAT SURVEYED BY STOR	ER IS NOW FLOODED UND	ER LAKE
General:	RESURVE	Y PROJECT.	ID 23 MAY 1915	. NONE DETECTED DURING TI	HE 2004 YOSEMITE TRANSE	ECT
Owner/Manager:	UNKNOWI	N				
lcteria virens					Element Code: ABPE	3X24010
yellow-breasted of	chat					
Listing Status:	Federal:	None		CNDDB Element Ran	ks: Global: G5	
	State:	None			State: S3	
	Other:	CDFW_SSC-Species of Species	ecial Concern, Il	JCN_LC-Least Concern		
Habitat:	General:		ABITS RIPARIA	N THICKETS OF WILLOW & OT	HER BRUSHY TANGLES NE	AR
	Micro:	WATERCOURSES. NESTS IN LOW, DENSE R NESTS WITHIN 10 FT OF (SISTING OF WILLOW, BLACKBE	RRY, WILD GRAPE; FORAG	GES AND
Occurrence No.	Micro: 103	NESTS IN LOW, DENSE R		68167	RRY, WILD GRAPE; FORAG	
		NESTS IN LOW, DENSE R NESTS WITHIN 10 FT OF (GROUND.			
Dcc. Rank:	103 Unknown	NESTS IN LOW, DENSE R NESTS WITHIN 10 FT OF (GROUND.	68167	Element Last Seen:	2001-06-08
Dcc. Rank: Dcc. Type:	103 Unknown Natural/Na	NESTS IN LOW, DENSE R NESTS WITHIN 10 FT OF (Map Index: 68012	GROUND. EO Index: Presence:	68167 Presumed Extant	Element Last Seen: Site Last Seen:	2001-06-08 2001-06-08
Dcc. Rank: Dcc. Type: Quad Summary:	103 Unknown	NESTS IN LOW, DENSE R NESTS WITHIN 10 FT OF (Map Index: 68012	GROUND. EO Index: Presence:	68167 Presumed Extant	Element Last Seen: Site Last Seen:	2001-06-08 2001-06-08
Occ. Rank: Occ. Type: Quad Summary: County Summary:	103 Unknown Natural/Na Snelling (3 Merced	NESTS IN LOW, DENSE R NESTS WITHIN 10 FT OF (Map Index: 68012	GROUND. EO Index: Presence:	68167 Presumed Extant Unknown	Element Last Seen: Site Last Seen: Record Last Updated:	2001-06-08 2001-06-08
Occ. Rank: Occ. Type: Quad Summary: County Summary: .at/Long:	103 Unknown Natural/Na Snelling (3 Merced 37.51614 /	NESTS IN LOW, DENSE R NESTS WITHIN 10 FT OF (Map Index: 68012 tive occurrence 712054)	GROUND. EO Index: Presence:	68167 Presumed Extant	Element Last Seen: Site Last Seen:	2001-06-08 2001-06-08
Occ. Rank: Occ. Type: Quad Summary: County Summary: .at/Long: JTM:	103 Unknown Natural/Na Snelling (3 Merced 37.51614 / Zone-10 N	NESTS IN LOW, DENSE R NESTS WITHIN 10 FT OF (Map Index: 68012 tive occurrence 712054)	GROUND. EO Index: Presence:	68167 Presumed Extant Unknown Accuracy:	Element Last Seen: Site Last Seen: Record Last Updated: 80 meters	2001-06-08 2001-06-08
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	103 Unknown Natural/Na Snelling (3 Merced 37.51614 / Zone-10 N T05S, R14	NESTS IN LOW, DENSE R NESTS WITHIN 10 FT OF (Map Index: 68012 (7)12054) (7-120.44882 (4155191 E725469 (E, Sec. 08, NE (M)	EO Index: Presence: Trend:	68167 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 250 0.0	2001-06-08 2001-06-08
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	103 Unknown Natural/Na Snelling (3 Merced 37.51614 / Zone-10 N T05S, R14 JUST SOL	NESTS IN LOW, DENSE R NESTS WITHIN 10 FT OF (Map Index: 68012 (1) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	GROUND. EO Index: Presence: Trend:	68167 Presumed Extant Unknown Accuracy: Elevation (ft):	Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 250 0.0 NG.	2001-06-08 2001-06-08 2007-02-01
Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location:	103 Unknown Natural/Na Snelling (3 Merced 37.51614 / Zone-10 N T05S, R14 JUST SOL SITE ID: E DATA. HABITAT (AND RIPA	NESTS IN LOW, DENSE R NESTS WITHIN 10 FT OF (Map Index: 68012 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	EO Index: Presence: Trend: G MERCED RIV ED IN THE SW PARIAN AREA. F	68167 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: /ER, 0.5 MILE WSW OF SNELLIN	Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 250 0.0 NG. N 8. LOCATION MAPPED US	2001-06-08 2001-06-08 2007-02-01 SING DIGITAL
Occ. Rank: Occ. Type: Quad Summary: County Summary: County Summary: Dat/Long: JTM: PLSS: Location: Detailed Location: Ecological:	103 Unknown Natural/Na Snelling (3 Merced 37.51614 / Zone-10 N T05S, R14 JUST SOL SITE ID: E DATA. HABITAT (AND RIPA FORAGING	NESTS IN LOW, DENSE R NESTS WITHIN 10 FT OF (Map Index: 68012 (1) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	GROUND. EO Index: Presence: Trend: G MERCED RIV ED IN THE SW ARIAN AREA. F HE EASTERN M BRATION.	68167 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: /ER, 0.5 MILE WSW OF SNELLII 1/4 OF THE NE 1/4 OF SECTIO	Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 250 0.0 NG. N 8. LOCATION MAPPED US	2001-06-08 2001-06-08 2007-02-01 SING DIGITAL
Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location: Ecological: General:	103 Unknown Natural/Na Snelling (3 Merced 37.51614 / Zone-10 N T05S, R14 JUST SOL SITE ID: E DATA. HABITAT (AND RIPA FORAGING	NESTS IN LOW, DENSE R NESTS WITHIN 10 FT OF (Map Index: 68012 tive occurrence 712054) 7-120.44882 4155191 E725469 45, Sec. 08, NE (M) JTH OF HIGHWAY 59, ALON MCB02.Y. LOCATION MAPP CONSISTS OF DREDGE/RIP RIAN AREAS. HABITAT IN T G AND COVER DURING MIC BSERVED SINGING ON 8 JU	GROUND. EO Index: Presence: Trend: G MERCED RIV ED IN THE SW ARIAN AREA. F HE EASTERN M BRATION.	68167 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: /ER, 0.5 MILE WSW OF SNELLII 1/4 OF THE NE 1/4 OF SECTIO	Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 250 0.0 NG. N 8. LOCATION MAPPED US	2001-06-08 2001-06-08 2007-02-01 SING DIGITAL
Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager:	103 Unknown Natural/Na Snelling (3 Merced 37.51614 / Zone-10 N T05S, R14 JUST SOL SITE ID: E DATA. HABITAT (AND RIPA FORAGING 1 MALE OU UNKNOWI	NESTS IN LOW, DENSE R NESTS WITHIN 10 FT OF (Map Index: 68012 tive occurrence 712054) 7-120.44882 4155191 E725469 45, Sec. 08, NE (M) JTH OF HIGHWAY 59, ALON MCB02.Y. LOCATION MAPP CONSISTS OF DREDGE/RIP RIAN AREAS. HABITAT IN T G AND COVER DURING MIC BSERVED SINGING ON 8 JU	GROUND. EO Index: Presence: Trend: G MERCED RIV ED IN THE SW ARIAN AREA. F HE EASTERN M BRATION.	68167 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: /ER, 0.5 MILE WSW OF SNELLII 1/4 OF THE NE 1/4 OF SECTIO	Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 250 0.0 NG. N 8. LOCATION MAPPED US	2001-06-08 2001-06-08 2007-02-01 SING DIGITAL
Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager:	103 Unknown Natural/Na Snelling (3 Merced 37.51614 / Zone-10 N T05S, R14 JUST SOL SITE ID: E DATA. HABITAT (AND RIPA FORAGING 1 MALE O UNKNOWI	NESTS IN LOW, DENSE R NESTS WITHIN 10 FT OF (Map Index: 68012 tive occurrence 712054) 7-120.44882 4155191 E725469 45, Sec. 08, NE (M) JTH OF HIGHWAY 59, ALON MCB02.Y. LOCATION MAPP CONSISTS OF DREDGE/RIP RIAN AREAS. HABITAT IN T G AND COVER DURING MIC BSERVED SINGING ON 8 JU	GROUND. EO Index: Presence: Trend: G MERCED RIV ED IN THE SW ARIAN AREA. F HE EASTERN M BRATION.	68167 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: /ER, 0.5 MILE WSW OF SNELLII 1/4 OF THE NE 1/4 OF SECTIO	Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 250 0.0 NG. N 8. LOCATION MAPPED US TAT IS PRESENT ALONG TI STUDY AREA ALSO PROVID	2001-06-08 2001-06-08 2007-02-01 SING DIGITAL
Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager: Agelaius tricological	103 Unknown Natural/Na Snelling (3 Merced 37.51614 / Zone-10 N T05S, R14 JUST SOL SITE ID: E DATA. HABITAT (AND RIPA FORAGING 1 MALE OI UNKNOWI	NESTS IN LOW, DENSE R NESTS WITHIN 10 FT OF (Map Index: 68012 tive occurrence 712054) 7-120.44882 4155191 E725469 45, Sec. 08, NE (M) JTH OF HIGHWAY 59, ALON MCB02.Y. LOCATION MAPP CONSISTS OF DREDGE/RIP RIAN AREAS. HABITAT IN T G AND COVER DURING MIC BSERVED SINGING ON 8 JU	GROUND. EO Index: Presence: Trend: G MERCED RIV ED IN THE SW ARIAN AREA. F HE EASTERN M BRATION.	68167 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: /ER, 0.5 MILE WSW OF SNELLII 1/4 OF THE NE 1/4 OF SECTIO	Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 250 0.0 NG. N 8. LOCATION MAPPED US TAT IS PRESENT ALONG TH STUDY AREA ALSO PROVID	2001-06-08 2001-06-08 2007-02-01 SING DIGITAL HE DREDGE JES FOR



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	Other:	BLM_S-Sensitive, CDFW_S USFWS_BCC-Birds of Cons			m, IUCN_EN-Enda	angered, NABCI_RWL-Red W	atch List,			
Habitat:	General:	HIGHLY COLONIAL SPECIE CALIFORNIA.	ES, MOST NUM	IEROUS IN CE	ENTRAL VALLEY	& VICINITY. LARGELY ENDE	MIC TO			
	Micro:	REQUIRES OPEN WATER, A FEW KM OF THE COLON		NESTING SUE	STRATE, & FORA	AGING AREA WITH INSECT	PREY WITHIN			
Occurrence No.	81	Map Index: 13346	EO Index:	24738		Element Last Seen:	1936-06-04			
Occ. Rank:	None		Presence:	Possibly Ext	irpated	Site Last Seen:	1936-06-04			
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown		Record Last Updated:	1991-07-25			
Quad Summary:	La Grange	La Grange (3712064), Cooperstown (3712065)								
County Summary:	Stanislaus	3								
Lat/Long:	37.66381	/ -120.48297			Accuracy:	1 mile				
UTM:	Zone-10 N	4171496 E722011			Elevation (ft):	200				
PLSS:	T03S, R13	3E, Sec. 24 (M)			Acres:	0.0				
Location:	DREDGE	R PITS, JUST W OF LA GRAN	IGE.							
Detailed Location:	COLONY	OF APPROX 4500 OBS BY NI	EFF NESTING	IN CATTAILS.						
Ecological:										
General:	PRESUM	ED EXTIRPATED ACC TO BEI	EDY 1991.							
Owner/Manager:	UNKNOW	'N								
Occurrence No.	82	Map Index: 13293	EO Index:	11812		Element Last Seen:	1971-05-09			
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	1971-05-09			
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown		Record Last Updated:	1991-07-25			
Quad Summary:	Snelling (3	3712054), Turlock Lake (37120	55), La Grange	(3712064), Co	ooperstown (37120	065)				
County Summary:	Stanislaus	3								
Lat/Long:	37.63437	/ -120.51103			Accuracy:	1 mile				
UTM:	Zone-10 N	4168162 E719622			Elevation (ft):	150				
PLSS:	T03S, R13	3E, Sec. 35 (M)			Acres:	0.0				
Location:	3.5 MI SW	/ OF LA GRANGE.								
Detailed Location:	COLONY	OF APPROX 2500 OBS BY DI	E HAVEN NES	TING IN CATT	AILS. SOME NES	T-BUILDING. COLONY SIZE	0.5 ACRE.			
Ecological:	CATTAIL	MARSH SURROUNDED BY IF		NONIRRIGA	TED PASTURES I	N ROLLING HILLS.				
General:										
Owner/Manager:	UNKNOW	'N								



California Department of Fish and Wildlife



VERSIL							<u> </u>
Occurrence No.	83	Map Index: 13277	EO Index:	24739		Element Last Seen:	1971-05-09
Occ. Rank:	Unknown		Presence:	Presumed Extant		Site Last Seen:	1971-05-09
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown		Record Last Updated:	1996-02-19
Quad Summary:	Turlock Lake	e (3712055), Cooperstown	(3712065)				
County Summary:	Stanislaus						
Lat/Long:	37.61825 / -	120.52519		Accu	racy:	1 mile	
UTM:	Zone-10 N4	166341 E718420		Eleva	tion (ft):	250	
PLSS:	T04S, R13E	, Sec. 03 (M)		Acres	5:	0.0	
Location:	APPROX 5	MI SW OF LA GRANGE.					
Detailed Location:	COLONY O	F APPROX 1000 OBS BY I	DE HAVEN ESTA	ABLISHING TERRITO	RY IN CAT	TAILS. COLONY SIZE 0.75	ACRE.
Ecological:			ARIAN STREAM	BOTTOM/GRAVEL P	IT AREA S		BATED
.	ROLLING H	ILLS PASTURE.					
General:							
Owner/Manager:	UNKNOWN						
Occurrence No.	86	Map Index: 13082	EO Index:	24735		Element Last Seen:	1936-06-04
Occ. Rank:	None		Presence:	Possibly Extirpated		Site Last Seen:	1936-06-04
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown		Record Last Updated:	1991-07-25
Quad Summary:	Turlock Lake	e (3712055), Montpelier (37	712056), Coopers	stown (3712065), Paul	sell (37120	66)	
County Summary:	Stanislaus				,	,	
Lat/Long:	37.63464 / -	120.63797		Accu	racv:	1 mile	
UTM:		167903 E708419			tion (ft):	120	
PLSS:	T03S, R12E	, Sec. 34 (M)		Acres	. ,	0.0	
Location:	MARSH NE	AR ROBERTS FERRY, AP	PROX 6 MI E OF	WATERFORD.			
Detailed Location:		F APPROX 1500 OBS BY I					
Ecological:							
General:	PRESUMED	DEXTIRPATED ACC TO B	EEDY 1991.				
Owner/Manager:	UNKNOWN						
Occurrence No.	372	Map Index: 52418	EO Index:	52418		Element Last Seen:	2001-XX-X
Occ. Rank:	Unknown		Presence:	Presumed Extant		Site Last Seen:	2001-XX-X
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown		Record Last Updated:	2003-09-10
Quad Summary:	Keystone (3	,					
County Summary:	Stanislaus,	Tuolumne					
Lat/Long:	37.76302 / -	120.56027		Accu	racy:	1/10 mile	
UTM:	Zone-10 N4	182325 E714905		Eleva	tion (ft):	300	
PLSS:	T02S, R13E	, Sec. 17, NE (M)		Acres	5:	0.0	
Location:	VICINITY O	F THE CLAY PITS JUST N	ORTHWEST OF	ROCK RIVER ROAD	ON THE T	UOLOMNE / STANISLAUS C	
Detailed Location:	SITE NAME	GIVEN AS "ROCK R. RD,	KNIGHT'S FERF	Υ Υ"			
Ecological:							
General:	550 BIRDS	OBSERVED AT ACTIVE B	REEDING COLC	NY.			



California Natural Diversity Database



Element Code: AFBAA02040

Entosphenus hubbsi

Kern brook lamp	rey					
Listing Status:	Federal:	None		CNDDB Element Rai	nks: Global: G1G2	
	State:	None			State: S1S2	
	Other:	AFS_TH-Threatened, CDFV	V_SSC-Species	of Special Concern, IUCN_NT-	Near Threatened, USFS_S-Se	nsitive
Habitat:	General:	SAN JOAQUIN RIVER SYS	TEM AND KERI	N RIVER.		
	Micro:	GRAVEL-BOTTOMED ARE BURROW AND FEED.	AS FOR SPAW	NING AND MUDDY-BOTTOME	D AREAS WHERE AMMOCO	ETES CAN
Occurrence No.	2	Map Index: 13676	EO Index:	28658	Element Last Seen:	1977-03-00
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1977-03-00
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2000-09-20
Quad Summary:	Merced Fa	alls (3712053)				
County Summary:	Merced					
Lat/Long:	37.51858	/ -120.33489		Accuracy:	nonspecific area	
UTM:	Zone-10 N	l4155740 E735532		Elevation (ft):	345	
PLSS:	T05S, R15	5E, Sec. 09, SW (M)		Acres:	62.7	
Location:	MERCED	RIVER NEAR MERCED FALL	_S.			
Detailed Location:		O BE FOUND IN THE SACRA IDERED AS THE TYPICAL H/		; HOWEVER, AT PRESENT T⊢ IIS SPECIES.	IE SAN JOAQUIN RIVER SYS	TEM SHOULD
Ecological:						
General:	1 AMMOC	OETE, 8 METAMORPHOSIN	G AND 119 ME ⁻	TAMORPHOSED INDIVIDUALS	COLLECTED BY R.R. MENC	HEN, DFG.
Owner/Manager:	UNKNOW	N				



California Natural Diversity Database



Oncorhynchus	-							
steelhead - Cent								
Listing Status:		Threatened		CNDDB Elemen	t Ranks:	Global:		
	State:	None				State:	S2	
	Other:	AFS_TH-Threatened						
Habitat:	General:	POPULATIONS IN THE S	SACRAMENTO AN	ID SAN JOAQUIN RIVERS	S AND THE	EIR TRIBU	JTARIES.	
	Micro:							
Occurrence No.	21	Map Index: 91324	EO Index:	92424		Element	Last Seen:	2013-05-31
Occ. Rank:	Unknown		Presence:	Presumed Extant		Site Last	Seen:	2013-05-31
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown		Record L	ast Updated:	2014-01-28
Quad Summary:		(3712037), Gustine (37120 Ils (3712053), Snelling (371		e (3712044), Winton (3712	045), Cres	ssey (3712	046), Turlock	(3712047),
County Summary:	Merced, St	anislaus						
Lat/Long:	37.46963 /	-120.56460		Accuracy	: n	onspecific	area	
UTM:	Zone-10 N	4149757 E715368		Elevation	(ft):			
PLSS:	T05S, R13	E, Sec. 29 (M)		Acres:	6	101.0		
Location:	MERCED RM 52).	RIVER, FROM ITS MOUTH	I IN THE SAN JOA	QUIN TO THE CROCKER	HUFFMA	N DAM (=	SNELLING DI	VERSION DAM
Detailed Location:		TO RIVER REACH CURRE						
		ADDER BLOCKED BY CD 14.8). VIDEO WEIR AT RM		TS NEAR HOPETON (RM	37, LATEF	(1007.5)		
Ecological:	LATER RM STEELHE/ OTOLITH S		4.6. VIABLE POPULA 23 SAMPLED WA	TION; SPORADIC SPAWN	IERS BET	WEEN CH	ID & HWY J59	(RM42). 2008
Ecological: General:	LATER RM STEELHEA OTOLITH S GRAVEL 8 ADULTS V 9, 383, 4. L	14.8). VIDEO WEIR AT RM AD PRESENT BUT NOT A STUDY FOUND 1 OUT OF	4.6. VIABLE POPULA 23 SAMPLED WA NEEDED. 1997-2001. RST	TION; SPORADIC SPAWN AS STEELHEAD PROGEN CAUGHT 1 IN 1998, 9 IN 2	IERS BET Y. RESTO 2001. YRL	WEEN CH DRATION L Y RST CA	ID & HWY J59 JNDERWAY E .TCH 2005-20 ⁷	(RM42). 2008 SUT FURTHER 13: 11, 23, 0, 0,
-	LATER RM STEELHEA OTOLITH S GRAVEL 8 ADULTS V 9, 383, 4. L	14.8). VIDEO WEIR AT RM AD PRESENT BUT NOT A STUDY FOUND 1 OUT OF & FLOW AUGMENTATION V/SH MARKINGS CAUGHT OW #S AT STEVINSON S EO WEIR NOV 2012.	4.6. VIABLE POPULA 23 SAMPLED WA NEEDED. 1997-2001. RST	TION; SPORADIC SPAWN AS STEELHEAD PROGEN CAUGHT 1 IN 1998, 9 IN 2	IERS BET Y. RESTO 2001. YRL	WEEN CH DRATION L Y RST CA	ID & HWY J59 JNDERWAY E .TCH 2005-20 ⁷	(RM42). 2008 SUT FURTHER 13: 11, 23, 0, 0,
General:	LATER RM STEELHE/ OTOLITH GRAVEL 8 ADULTS V 9, 383, 4. L PAST VIDE	14.8). VIDEO WEIR AT RM AD PRESENT BUT NOT A STUDY FOUND 1 OUT OF & FLOW AUGMENTATION V/SH MARKINGS CAUGHT OW #S AT STEVINSON S EO WEIR NOV 2012.	4.6. VIABLE POPULA 23 SAMPLED WA NEEDED. 1997-2001. RST	TION; SPORADIC SPAWN AS STEELHEAD PROGEN CAUGHT 1 IN 1998, 9 IN 2	IERS BET Y. RESTO 2001. YRL	WEEN CH PRATION L Y RST CA NOT LAC	ID & HWY J59 JNDERWAY E .TCH 2005-20 ⁷	(RM42). 2008 SUT FURTHER 13: 11, 23, 0, 0,
General: Owner/Manager:	LATER RM STEELHE/ OTOLITH GRAVEL 8 ADULTS V 9, 383, 4. L PAST VIDI UNKNOWI	14.8). VIDEO WEIR AT RM AD PRESENT BUT NOT A STUDY FOUND 1 OUT OF FLOW AUGMENTATION V/SH MARKINGS CAUGHT LOW #S AT STEVINSON S EO WEIR NOV 2012.	4.6. VIABLE POPULA 23 SAMPLED WA NEEDED. 1997-2001. RST ITE MAY REFLEC	TION; SPORADIC SPAWN AS STEELHEAD PROGEN CAUGHT 1 IN 1998, 9 IN 2 T POOR TRAPPING CON	IERS BET Y. RESTO 2001. YRL	WEEN CH PRATION L Y RST CA NOT LAC	ID & HWY J59 JNDERWAY E TCH 2005-20 K OF EMIGRA	(RM42). 2008 EUT FURTHER 13: 11, 23, 0, 0, ATION. 1 AD
General: Owner/Manager: Occurrence No.	LATER RM STEELHE/ OTOLITH 3 GRAVEL 8 ADULTS V 9, 383, 4. L PAST VIDI UNKNOWI 22 Unknown	14.8). VIDEO WEIR AT RM AD PRESENT BUT NOT A STUDY FOUND 1 OUT OF FLOW AUGMENTATION V/SH MARKINGS CAUGHT LOW #S AT STEVINSON S EO WEIR NOV 2012.	4.6. VIABLE POPULA 23 SAMPLED WA NEEDED. 1997-2001. RST ITE MAY REFLEC EO Index:	TION; SPORADIC SPAWN AS STEELHEAD PROGEN CAUGHT 1 IN 1998, 9 IN 2 CT POOR TRAPPING CON 92517	IERS BET Y. RESTO 2001. YRL	WEEN CH DRATION L Y RST CA NOT LAC Element	ID & HWY J59 JNDERWAY E TCH 2005-20 K OF EMIGRA	(RM42). 2008 EUT FURTHER 13: 11, 23, 0, 0, ATION. 1 AD 2014-01-19 2014-01-19
General: Owner/Manager: Occurrence No. Occ. Rank:	LATER RM STEELHE/ OTOLITH GRAVEL & ADULTS V 9, 383, 4. L PAST VIDE UNKNOWI 22 Unknown Natural/Na Denair (37	M4.8). VIDEO WEIR AT RM AD PRESENT BUT NOT A STUDY FOUND 1 OUT OF & FLOW AUGMENTATION V/SH MARKINGS CAUGHT LOW #S AT STEVINSON S EO WEIR NOV 2012. N Map Index: 91459	4.6. VIABLE POPULA 23 SAMPLED WA NEEDED. 1997-2001. RST ITE MAY REFLEC EO Index: Presence: Trend: La Grange (371206	TION; SPORADIC SPAWN S STEELHEAD PROGEN CAUGHT 1 IN 1998, 9 IN 2 T POOR TRAPPING CON 92517 Presumed Extant Unknown 64), Cooperstown (3712065	IERS BET Y. RESTO 2001. YRL DITIONS,	WEEN CH DRATION L Y RST CA NOT LAC Element I Site Last Record L	ID & HWY J59 JNDERWAY E TCH 2005-20 K OF EMIGRA Last Seen: Seen: .ast Updated:	(RM42). 2008 PUT FURTHER 13: 11, 23, 0, 0, TION. 1 AD 2014-01-19 2014-01-19 2014-03-28
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	LATER RM STEELHE/ OTOLITH GRAVEL & ADULTS V 9, 383, 4. L PAST VIDE UNKNOWI 22 Unknown Natural/Na Denair (37	14.8). VIDEO WEIR AT RM AD PRESENT BUT NOT A STUDY FOUND 1 OUT OF FLOW AUGMENTATION V/SH MARKINGS CAUGHT OW #S AT STEVINSON S EO WEIR NOV 2012. N Map Index: 91459 tive occurrence 12057), Ceres (3712058), L	4.6. VIABLE POPULA 23 SAMPLED WA NEEDED. 1997-2001. RST ITE MAY REFLEC EO Index: Presence: Trend: La Grange (371206	TION; SPORADIC SPAWN S STEELHEAD PROGEN CAUGHT 1 IN 1998, 9 IN 2 T POOR TRAPPING CON 92517 Presumed Extant Unknown 64), Cooperstown (3712065	IERS BET Y. RESTO 2001. YRL DITIONS,	WEEN CH DRATION L Y RST CA NOT LAC Element I Site Last Record L	ID & HWY J59 JNDERWAY E TCH 2005-20 K OF EMIGRA Last Seen: Seen: .ast Updated:	(RM42). 2008 PUT FURTHER 13: 11, 23, 0, 0, TION. 1 AD 2014-01-19 2014-01-19 2014-03-28
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	LATER RM STEELHE/ OTOLITH GRAVEL & ADULTS V 9, 383, 4. L PAST VIDE UNKNOWI 22 Unknown Natural/Na Denair (37 Riverbank Stanislaus	14.8). VIDEO WEIR AT RM AD PRESENT BUT NOT A STUDY FOUND 1 OUT OF FLOW AUGMENTATION V/SH MARKINGS CAUGHT OW #S AT STEVINSON S EO WEIR NOV 2012. N Map Index: 91459 tive occurrence 12057), Ceres (3712058), L	4.6. VIABLE POPULA 23 SAMPLED WA NEEDED. 1997-2001. RST ITE MAY REFLEC EO Index: Presence: Trend: La Grange (371206	TION; SPORADIC SPAWN S STEELHEAD PROGEN CAUGHT 1 IN 1998, 9 IN 2 T POOR TRAPPING CON 92517 Presumed Extant Unknown 64), Cooperstown (3712065	IERS BET Y. RESTO 2001. YRL DITIONS, 5), Paulsel	WEEN CH DRATION L Y RST CA NOT LAC Element I Site Last Record L	ID & HWY J59 JNDERWAY E TCH 2005-20 K OF EMIGRA Last Seen: Seen: .ast Updated:	(RM42). 2008 PUT FURTHER 13: 11, 23, 0, 0, TION. 1 AD 2014-01-19 2014-01-19 2014-03-28
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	LATER RM STEELHE/ OTOLITH 3 GRAVEL 8 ADULTS V 9, 383, 4. L PAST VIDE UNKNOWN 22 Unknown Natural/Na Denair (37 Riverbank Stanislaus 37.66641 /	M4.8). VIDEO WEIR AT RM AD PRESENT BUT NOT A STUDY FOUND 1 OUT OF FLOW AUGMENTATION V/SH MARKINGS CAUGHT OW #S AT STEVINSON S EO WEIR NOV 2012. N Map Index: 91459 tive occurrence 12057), Ceres (3712058), L (3712068), Brush Lake (37	4.6. VIABLE POPULA 23 SAMPLED WA NEEDED. 1997-2001. RST ITE MAY REFLEC EO Index: Presence: Trend: La Grange (371206	TION; SPORADIC SPAWN S STEELHEAD PROGEN CAUGHT 1 IN 1998, 9 IN 2 T POOR TRAPPING CON 92517 Presumed Extant Unknown 64), Cooperstown (3712065 8712152)	ERS BET Y. RESTO 2001. YRL DITIONS, 5), Paulsel	WEEN CH DRATION L Y RST CA NOT LAC Element I Site Last Record L	ID & HWY J59 JNDERWAY E TCH 2005-20 K OF EMIGRA Last Seen: Seen: .ast Updated:	(RM42). 2008 PUT FURTHER 13: 11, 23, 0, 0, TION. 1 AD 2014-01-19 2014-01-19 2014-03-28
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	LATER RM STEELHE/ OTOLITH GRAVEL & ADULTS V 9, 383, 4. L PAST VIDI UNKNOWI 22 Unknown Natural/Na Denair (37 Riverbank Stanislaus 37.66641 / Zone-10 N	M4.8). VIDEO WEIR AT RM AD PRESENT BUT NOT A STUDY FOUND 1 OUT OF FLOW AUGMENTATION V/SH MARKINGS CAUGHT OW #S AT STEVINSON S EO WEIR NOV 2012. N Map Index: 91459 tive occurrence 12057), Ceres (3712058), L (3712068), Brush Lake (37 -120.47058	4.6. VIABLE POPULA 23 SAMPLED WA NEEDED. 1997-2001. RST ITE MAY REFLEC EO Index: Presence: Trend: La Grange (371206	TION; SPORADIC SPAWN S STEELHEAD PROGEN CAUGHT 1 IN 1998, 9 IN 2 T POOR TRAPPING CON 92517 Presumed Extant Unknown 34), Cooperstown (3712065 8712152) Accuracy	ERS BET Y. RESTO 2001. YRL DITIONS, 5), Paulsel : n (ft):	WEEN CH DRATION L Y RST CA NOT LAC Element I Site Last Record L	ID & HWY J59 JNDERWAY E TCH 2005-20 K OF EMIGRA Last Seen: Seen: .ast Updated:	(RM42). 2008 DUT FURTHER 13: 11, 23, 0, 0, TION. 1 AD 2014-01-19 2014-01-19 2014-03-28
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	LATER RM STEELHE/ OTOLITH 3 GRAVEL 8 ADULTS V 9, 383, 4. L PAST VIDE UNKNOWN 22 Unknown Natural/Na Denair (37 Riverbank Stanislaus 37.66641 / Zone-10 N T03S, R14	M4.8). VIDEO WEIR AT RM AD PRESENT BUT NOT A STUDY FOUND 1 OUT OF FLOW AUGMENTATION W/SH MARKINGS CAUGHT OW #S AT STEVINSON S EO WEIR NOV 2012. N Map Index: 91459 tive occurrence 12057), Ceres (3712058), L (3712068), Brush Lake (37 -120.47058 4171814 E723096	4.6. VIABLE POPULA 23 SAMPLED WA NEEDED. 1997-2001. RST ITE MAY REFLEC EO Index: Presence: Trend: La Grange (371206 12151), Westley (3	TION; SPORADIC SPAWN S STEELHEAD PROGEN CAUGHT 1 IN 1998, 9 IN 2 T POOR TRAPPING CON 92517 Presumed Extant Unknown 34), Cooperstown (3712065 3712152) Accuracy: Elevation Acres:	ERS BET Y. RESTO 2001. YRL DITIONS, 5), Paulsel : n (ft): 6	WEEN CH PRATION L Y RST CA NOT LAC Element I Site Last Record L I (3712066 onspecific 353.0	ID & HWY J59 JNDERWAY E TCH 2005-20 K OF EMIGRA Last Seen: Seen: .ast Updated: 3), Waterford (3 area	(RM42). 2008 DUT FURTHER 13: 11, 23, 0, 0, TION. 1 AD 2014-01-19 2014-01-19 2014-03-28
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	LATER RM STEELHE/ OTOLITH GRAVEL & ADULTS V 9, 383, 4. L PAST VIDI UNKNOWN 22 Unknown Natural/Na Denair (37 Riverbank Stanislaus 37.66641 / Zone-10 N T03S, R14 LOWER TI MAPPED T GRAYSON	M4.8). VIDEO WEIR AT RM AD PRESENT BUT NOT A STUDY FOUND 1 OUT OF FLOW AUGMENTATION V/SH MARKINGS CAUGHT OW #S AT STEVINSON S EO WEIR NOV 2012. N Map Index: 91459 tive occurrence 12057), Ceres (3712058), L (3712068), Brush Lake (37 -120.47058 4171814 E723096 E, Sec. 19 (M)	4.6. VIABLE POPULA 23 SAMPLED W/ NEEDED. 1997-2001. RST ITE MAY REFLEC EO Index: Presence: Trend: a Grange (371200 12151), Westley (3 ITS MOUTH IN TH IT 1893), UPSTR ERFORD SINCE 2	TION; SPORADIC SPAWN S STEELHEAD PROGEN CAUGHT 1 IN 1998, 9 IN 2 T POOR TRAPPING CON 92517 Presumed Extant Unknown 34), Cooperstown (3712065 3712152) Accuracy: Elevation Acres: IE SAN JOAQUIN RIVER	ERS BET Y. RESTO 2001. YRL DITIONS, 5), Paulsel 5), Paulsel 6 70 LA GR	WEEN CH PRATION L Y RST CA NOT LAC Element I Site Last Record L I (3712066 onspecific 353.0 ANGE DAI AT SHILOI	ID & HWY J59 JNDERWAY E TCH 2005-20 K OF EMIGRA Last Seen: .ast Updated: 3), Waterford (3 area M (RM52). H 1995-98 (RM	(RM42). 2008 EUT FURTHER 13: 11, 23, 0, 0, ATION. 1 AD 2014-01-19 2014-03-28 3712067),
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	LATER RM STEELHE/ OTOLITH GRAVEL & ADULTS V 9, 383, 4. L PAST VIDI UNKNOWI 22 Unknown Natural/Na Denair (37 Riverbank Stanislaus 37.66641 / Zone-10 N T03S, R14 LOWER TI MAPPED 1 GRAYSON FROM MO SPAWNINI INCREASE	M4.8). VIDEO WEIR AT RM AD PRESENT BUT NOT A STUDY FOUND 1 OUT OF FLOW AUGMENTATION V/SH MARKINGS CAUGHT OW #S AT STEVINSON S EO WEIR NOV 2012. N Map Index: 91459 tive occurrence 12057), Ceres (3712058), L (3712068), Brush Lake (37 -120.47058 4171814 E723096 E, Sec. 19 (M) JOLUMNE RIVER, FROM FO LA GRANGE DAM (BUI J SINCE '99 (RM5.2), WAT	4.6. VIABLE POPULA 23 SAMPLED W/ NEEDED. 1997-2001. RST ITE MAY REFLEC EO Index: Presence: Trend: a Grange (371200 12151), Westley (3 ITS MOUTH IN TH LT 1893), UPSTR ERFORD SINCE 2 IR AT RM24.5. N 2008 OTOLITH ER BASE FLOW A	TION; SPORADIC SPAWN S STEELHEAD PROGEN CAUGHT 1 IN 1998, 9 IN 2 T POOR TRAPPING CON 92517 Presumed Extant Unknown 34), Cooperstown (3712065 3712152) Accuracy: Elevation Acres: IE SAN JOAQUIN RIVER EAM LIMIT TO ANADROM 2006 (RM29.8). SNORKEL STUDY, 10 OF 147 TROU	ERS BET Y. RESTO 2001. YRL DITIONS, 5), Paulsel 5), Paulsel 6 70 LA GR 19. RSTS / SURVEYS T (6.8%) V	WEEN CH WRATION L Y RST CA NOT LAC Element I Site Last Record L I (3712066 onspecific 353.0 ANGE DAI ANGE DAI AT SHILOI S FROM D WERE SH	ID & HWY J59 JNDERWAY E TCH 2005-20 K OF EMIGRA Last Seen: .ast Updated: 3), Waterford (3 area M (RM52). H 1995-98 (RM AM TO ~RM3 PROGENY; 1	(RM42). 2008 DUT FURTHER 13: 11, 23, 0, 0, ATION. 1 AD 2014-01-19 2014-03-28 3712067), M3.4), 1.5. SEINES WAS A SH.
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	LATER RM STEELHE/ OTOLITH GRAVEL & ADULTS V 9, 383, 4. L PAST VIDE UNKNOWI 22 Unknown Natural/Na Denair (37 Riverbank Stanislaus 37.66641 / Zone-10 N T03S, R14 LOWER TI MAPPED T GRAYSON FROM MO SPAWNIN INCREASE TROUT ES 0-51 SEIN	M4.8). VIDEO WEIR AT RM AD PRESENT BUT NOT A STUDY FOUND 1 OUT OF FLOW AUGMENTATION V/SH MARKINGS CAUGHT OW #S AT STEVINSON S EO WEIR NOV 2012. N Map Index: 91459 tive occurrence 12057), Ceres (3712058), L (3712068), Brush Lake (37 -120.47058 4171814 E723096 E, Sec. 19 (M) JOLUMNE RIVER, FROM TO LA GRANGE DAM (BUI J SINCE '99 (RM5.2), WAT UTH TO DAM. VIDEO WE G IN 20 MI BELOW DAM. I E IN SUMMER POPS AFTE SCAPED FROM U/S RESE ED, 1983-2012. SNORKEL 109 (MAR '10) TO 56,973	4.6. VIABLE POPULA 23 SAMPLED W/ NEEDED. 1997-2001. RST ITE MAY REFLEC EO Index: Presence: Trend: La Grange (371200 12151), Westley (3 ITS MOUTH IN THE LT 1893), UPSTR ERFORD SINCE 2 IR AT RM24.5. N 2008 OTOLITH ER BASE FLOW A RVOIRS. INDEX: ONLY 1 (1)	TION; SPORADIC SPAWN S STEELHEAD PROGEN CAUGHT 1 IN 1998, 9 IN 2 T POOR TRAPPING CON 92517 Presumed Extant Unknown 34), Cooperstown (3712065 3712152) Accuracy: Elevation Acres: IE SAN JOAQUIN RIVER EAM LIMIT TO ANADROM 2006 (RM29.8). SNORKEL STUDY, 10 OF 147 TROU UGMENTATION STARTIN DBS 1987-94; AVG 420, 20	ERS BET Y. RESTO 2001. YRL DITIONS, 5), Paulsel 5), Paulsel 6 70 LA GR 197. RSTS / SURVEYS T (6.8%) V 16 1995. S 101-2012 (WEEN CH WRATION L Y RST CA NOT LAC Element I Site Last Record L I (3712066 onspecific 353.0 ANGE DAI ANGE DAI AT SHILOI S FROM D WERE SH SPIKE IN 2 HIGH 1,32	ID & HWY J59 JNDERWAY E TCH 2005-20 K OF EMIGRA Last Seen: .ast Updated: .), Waterford (3 area M (RM52). H 1995-98 (RM AM TO ~RM3 PROGENY; 1 011 #S MAY E	(RM42). 2008 PUT FURTHER 13: 11, 23, 0, 0, ATION. 1 AD 2014-01-19 2014-03-28 3712067), 43.4), 1.5. SEINES WAS A SH. BE HATCHERY DP ESTS SINCE

Element Code: AFCJB19021





Lavinia symmetricos ssp. 1 San Joaquin roach Listing Status: Federal: None CNDDB Element Ranks: Global: G4T3O State: S3 Other: CDFW_SSC-Species of Special Concern Habitat: General: TRIBUTARIES TO THE SAN JOAQUIN RIVER FROM THE COSUMNES RIVER SOUTH. Micro: Cocurrence No. 4 Map Index: 42628 E0 Index: 42628 Element Last Seen: 1999-06-17 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Update: 2000-03-27 Quad Summary: Toolumne LavLong: 37.74935 / 120.32888 Accuracy: specific area UTM: Zone-10 M181370 E73510 Elevation (ft): 900 PLSS: T02S, R15E, See. 21, NW (M) Acres: 14.5 Location: FIRST CREEK, UPSTREAM OF THE MARSH FLAT ROAD CROSSING, 1.2 MILES NORTH OF BLANCHARD, EAST OF DON PEDRO RESERVOIR. MUNNOWN Cocurrence No. 5 Map Index: 42629 E0 Index: 42629 Elevation (ft): 900 PLSS: MUNNOWN Cocurrence No. 5 Map Index: 42629 E0 Index: 42629 Elevation (ft): 900 PLSS: MUNNOWN Cocurrence No. 5 Map Index: 42629 E0 Index: 42629 Elevation (ft): 900 PLSS: MUNNOWN Cocurrence No. 5 Map Index: 42629 E0 Index: 42629 Elevation (ft): 900 PLSS: T02S, R15E, See. 21, NW (M) Acres: 14.5 Location: FIRST CREEK, UPSTREAM OF THE MARSH FLAT ROAD CROSSING, 1.2 MILES NORTH OF BLANCHARD, EAST OF DON PEDRO RESERVOIR. Cocurrence No. 5 Map Index: 42629 E0 Index: 42629 Elevation (ft): 100 PEDRO RESERVOIR. Cocurrence No. 5 Map Index: 42629 E0 Index: 42629 Elevation (ft): 100 PLSS: T02S, R15E, See. 15, W(M) Acres: 230 County Summary: Tuolumne LatLong: 37.75712 / 120.32896 Accuracy: specific area UTM: Zoone-10 M18223 E735568 Elevation (ft): 1100 PLSS: T02S, R15E, See. 15, W(M) Acres: 230 Location: HATCH & SECOND CREEKS, UPSTREAM OF CONFLUENCE NEAR MARSH FLAT RO.2 MILES SOUTH OF DOMINGO PEAK, 4 MESW OF MOCCASIN. Buetaled Location: SURROUNDING LAND USE IS PASTURE, (SECOND CREEK) AND HORSE FARM (HATCH CREEK), Ecological: MATCH & SECOND CREEKS, UPSTREAM OF CONFLUENCE NEAR MARSH FLAT RO.2 MILES SOUTH OF DOMINGO PEAK, 4 MESW OF MOCCASIN. Detailed Location: MATCH & SECOND CREEKS, UPSTREAM OF CONFLUENCE NEAR									
Listing Status: Federal: None State: State: None State: None State: S3 Other: COEW_SSC-Species of Special Concern T Habitat: General: TRIBUTARIES TO THE SAN JOAQUIN RIVER FROM THE COSUMNES RIVER SOUTH. Micro: ¬ Occ.rogen. Fair Presence: Presumed Extant Site Last Seen: 1999-06-17 Occ.rogen. Natural/Native occurrence Trend: Unknown Record Last Updated: 2000-03-27 Quad Summary: Penon Blanco Peak (3712053). Moccasin (3712073) Unknown Record Last Updated: 2000-03-27 Quad Summary: Tuolumne Lat/Long: 37.74935 / -120.32688 Accuracy: specific area UTM: Zone-10 N4181370 E735510 Elevation (ft): 900 P153: T025, RTES, Sec. 21, NW (M) Accuracy: specific area UTM: Zone-10 N4181370 E735510 Elevation (ft): 900 P153: T025, RTES, Sec. 21, NW (M) Accuracy: specific area UN Detailed Location: SUROUNDING LAND USE IS PASTURE. Elevation (ft): 900 P153: T025, RTES, Sec. 16	Lavinia symme	etricus ssp	. 1						
State:::::::::::::::::::::::::::::::::::	San Joaquin roa	ch							
Other: CDFW_SSC-Species of Special Concern Habitat: General: TRIBUTARIES TO THE SAN JOAOUIN RIVER FROM THE COSUMNES RIVER SOUTH. Micro: D Occ. Rank: Fair Presence: Presumed Extant Site Last Seen: 1999-06-17 Occ. Rank: Fair Presence: Trend: Unknown Record Last Updated: 2000-03-27 Quad Summary: Penon Blanco Peak (3712063), Moccasin (3712073) Country: specific area 1999-06-17 Cocursop: Natural/Mative occurrence Trend: Unknown Record Last Updated: 2000-03-27 Quad Summary: Penon Blanco Peak (3712063), Moccasin (3712073) Country: specific area 1999-06-17 Lat/Long: 37.74335 / -120.32688 Accuracy: specific area 14.5 Location: FIRST CREEK, UPSTREAM OF THE MARSH FLAT ROAD CROSSING, 1.2 MILES NORTH OF BLANCHARD, EAST OF DON PEDEX RESERVOR. Elevation (ft): 900 Detailed Location: SURROUNDING LAND USE IS PASTURE. Elevation (ft): 900 Elevation (ft): 900 Cocurrence No. 5 Map Index: 42629 E0 Index: 42629 Elevation (ft): 100 Peroson 6(3712073)	Listing Status:	Federal:	None		CNE	DB Element Rank	s: Global:	G4T3Q	
Habitat: General: TRIBUTARIES TO THE SAN JOAQUIN RIVER FROM THE COSUMNES RIVER SOUTH. Micro: Image: Control of the second s		State:	None				State:	S3	
Micro: D Occurrence No. 4 Map Index: 42628 EO Index: 42628 Element Last Seen: 1999-06-17 Occ. Rank: Fair Presence: Presumed Extant Site Last Seen: 1999-06-17 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2000-03-27 Quad Summary: Perion Blanco Peak (3712063), Moccasin (3712073) Coundy Summary: Specific area Lat/Long: 37.74935 / -120.32688 Accuracy: specific area UTN: Zone-10 N4181370 E736510 Elevation (ft): 900 PLSS: T02S, R16E, Sec. 21, NW (M) Acres: 14.5 Location: FIRST CREEK, UPSTREAM OF THE MARSH FLAT ROAD CROSSING, 1.2 MILES NORTH OF BLANCHARD, EAST OF DON Pediad Location: SURROUNDING LAND USE IS PASTURE. Ecological: MEDIUK COBBLES, LARGE POOLS BUT LOW WATER FLOWS, POOLS 1 TO 3 FEET DEEP. Occurrence No. 5 Map Index: 42629 El Ondex: 42629 Occurrence No. 5 Map Index: 42629 Elevation (ft): 1999-06-17 Occ. Rank: Poor <th></th> <th>Other:</th> <th>CDFW_SSC-Species of Spe</th> <th>ecial Concern</th> <th></th> <th></th> <th></th> <th></th> <th></th>		Other:	CDFW_SSC-Species of Spe	ecial Concern					
Occurrence No. 4 Map Index: 42628 EO Index: 42628 Element Last Seen: 1999-06-17 Occ. Rank: Fair Presence: Presumed Extant Site Last Seen: 1999-06-17 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2000-03-27 Quad Summary: Penon Blanco Peak (3712063), Moccasin (3712073) County Summary: specific area 2000-03-27 Quad Summary: Penon Blanco Peak (3712063), Moccasin (3712073) County Summary: specific area 2000-03-27 Quad Summary: Penon Blanco Peak (3712063), Moccasin (3712073) Elevation (ft): 900 PLSS: T02S, R15E, Sec. 21, NW (M) Acres: 14.5 Stepation (ft): 900 PLSS: T02S, R15E, Sec. 21, NW (M) Acres: 14.5 Stepation (ft): 900 PLsS: T02S, R15E, Sec. 21, NW (M) Acres: 14.5 Stepation (ft): 900 PLaide Location: SURROUNDING LAND USE IS PASTURE. Ecological: MeDIUM COBBLES, LARGE POOLS BUT LOW WATER FLOWS, POOLS 1 TO 3 FEET DEEP. General: 5 ADULTS CAPTURED, FIN CLIPPED, AND RELEASED; FIN CLIPS AT UCSC, #WUJLS44. Owner/Manage: 1999-06-17 </th <th>Habitat:</th> <th>General:</th> <th>TRIBUTARIES TO THE SAM</th> <th>N JOAQUIN RIV</th> <th>ER FROM TH</th> <th>E COSUMNES RIV</th> <th>ER SOUTH.</th> <th></th> <th></th>	Habitat:	General:	TRIBUTARIES TO THE SAM	N JOAQUIN RIV	ER FROM TH	E COSUMNES RIV	ER SOUTH.		
Occ. Rank: Fair Presence: Presence: Presence: Presence: Presence: Site Last Seen: 1999-06-17 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2000-03-27 Quad Summary: Penon Blanco Peak (3712063), Moccasin (3712073)		Micro:							
Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2000-03-27 Quad Summary: Penon Blanco Peak (3712063), Moccasin (3712073) County Summary: Tuolumne 2000-03-27 Lat/Long: 37.74935 / -120.32688 Accuracy: specific area 2000-03-27 UTM: Zone-10 N4181370 E735510 Elevation (ft): 900 900 PLSS: T02S, R15E, Sec. 21, NW (M) Acres: 14.5 Location: FIRST CREEK, UPSTREAM OF THE MARSH FLAT ROAD CROSSING, 1.2 MILES NORTH OF BLANCHARD, EAST OF DON PEDRO RESERVOIR. General: 500 Detailed Location: SURROUNDING LAND USE IS PASTURE. Ecological: MEDIUM COBBLES, LARGE POOLS BUT LOW WATER FLOWS, POOLS 1 TO 3 FEET DEEP. General: 1999-06-17 Occ. Rank: Poor Presence: Presence: Presumed Extant Site Last Seen: 1999-06-17 Occ. Rank: Poor Presence: Trend: Unknown Record Last Updated: 2000-03-27 Quad Summary: Moccasin (3712073) Countrence Trend: Unknown Record Last Updated: 2000-03-27 Quad Summary: Tuolumne Lat/Long: 37.75712 / 120.32595<	Occurrence No.	4	Map Index: 42628	EO Index:	42628		Element	Last Seen:	1999-06-17
Quad Summary: Penon Blanco Peak (3712063), Moccasin (3712073) County Summary: Tuolumne Lat/Long: 37.74935 / -120.32688 Accuracy: specific area UTM: Zone-10 N4181370 E735510 Elevation (ft): 900 PLSS: T02S, R15E, Sec. 21, NW (M) Acres: 14.5 Location: FIRST CREEK, UPSTREAM OF THE MARSH FLAT ROAD CROSSING, 1.2 MILES NORTH OF BLANCHARD, EAST OF DON PEDBOR RESERVOIR. Detailed Location: SURROUNDING LAND USE IS PASTURE. Ecological: MEDIUM COBBLES, LARGE POOLS BUT LOW WATER FLOWS, POOLS 1 TO 3 FEET DEEP. General: 5 ADULTS CAPTURED, FIN CLIPPED, AND RELEASED; FIN CLIPS AT UCSC, #WJJLS44. Owner/Manager: UNKNOWN Occurrence No. 5 Map Index: 42629 EO Index: 42629 Element Last Seen: 1999-06-17 Occ. Rank: Poor Presence: Presumed Extant Site Last Updated: 2000-03-27 Quad Summary: Moccasin (3712073) Cocuracy: specific area 1999-06-17 Outs: 37.75712 / 120.32595 Accuracy: specific area 1999-06-17 Quad Summary: Tuolumne Lat/Long: 37.75712 / 120.32595 Accuracy: specific area 1	Occ. Rank:	Fair		Presence:	Presumed E	xtant	Site Last	Seen:	1999-06-17
County Summary: Tuolumne Lat/Long: 37.74935 / +120.32688 Accuracy: specific area UTM: Zone-10 N4181370 E735510 Elevation (ft): 900 PLSS: T02S, R15E, Sec. 21, NW (M) Accres: 14.5 Location: FIRST CREEK, UPSTREAM OF THE MARSH FLAT ROAD CROSSING, 1.2 MILES NORTH OF BLANCHARD, EAST OF DON PEDRO RESERVOIR. Detailed Location: SURROUNDING LAND USE IS PASTURE. Ecological: MEDIUM COBBLES, LARGE POOLS BUT LOW WATER FLOWS, POOLS 1 TO 3 FEET DEEP. General: 5 ADULTS CAPTURED, FIN CLIPPED, AND RELEASED; FIN CLIPS AT UCSC, #WJJLS44. Owner/Manager: UNKNOWN Occurrence No. 5 Map Index: 42629 EO Index: 42629 Element Last Seen: 1999-06-17 Occ. Rank: Poor Presence: Presumed Extant Site Last Seen: 1999-06-17 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2000-03-27 Quad Summary: Moccasin (3712073) Cocurses: specific area 1999-06-17 County Summary: Tuolumne Lat/Long: 37.75712 / -120.32595 Accuracy: specific area Lat/Long: </th <th>Осс. Туре:</th> <th>Natural/Na</th> <th>ative occurrence</th> <th>Trend:</th> <th>Unknown</th> <th></th> <th>Record L</th> <th>ast Updated:</th> <th>2000-03-27</th>	Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown		Record L	ast Updated:	2000-03-27
Lat/Long: 37.74935 / 120.32688 Accuracy: specific area UTM: Zone-10 N4181370 E735510 Elevation (ft): 900 PLSS: T02S, R15E, Sec. 21, NW (M) Acres: 14.5 Location: FIRST CREEK, UPSTREAM OF THE MARSH FLAT ROAD CROSSING, 1.2 MILES NORTH OF BLANCHARD, EAST OF DON PEDRO RESERVOIR. Detailed Location: SURROUNDING LAND USE IS PASTURE. Ecological: MEDIUM COBBLES, LARGE POOLS BUT LOW WATER FLOWS, POOLS 1 TO 3 FEET DEEP. General: 5 ADULTS CAPTURED, FIN CLIPPED, AND RELEASED; FIN CLIPS AT UCSC, #WJJLS44. Owner/Manager: UNKNOWN Occ. Type: Natural/Native occurrence Trend: Unknown Coc. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2000-03-27 Quad Summary: Tuolumne Lat/Long: 37.75712 / -120.32595 Accuracy: specific area Lat/Long: 37.75712 / -120.32595 Accuracy: specific area Ummo Lat/Long: 37.75712 / -120.32595 Accuracy: specific area Ummo Lat/Long: 37.75712 / -120.32595 Accuracy: specific area Ummo Lat/Long: 37.75712 / -	Quad Summary:	Penon Bla	nco Peak (3712063), Moccasi	n (3712073)					
UTM: Zone-10 N4181370 E735510 Elevation (ft): 900 PLSS: T02S, R15E, Sec. 21, NW (M) Acres: 14.5 Location: FIRST CREEK, UPSTREAM OF THE MARSH FLAT ROAD CROSSING, 1.2 MILES NORTH OF BLANCHARD, EAST OF DON PEDRO RESERVOIR. Detailed Location: SURROUNDING LAND USE IS PASTURE. Ecological: MEDIUM COBBLES, LARGE POOLS BUT LOW WATER FLOWS, POOLS 1 TO 3 FEET DEEP. General: 5 ADULTS CAPTURED, FIN CLIPPED, AND RELEASED; FIN CLIPS AT UCSC, #WJJLS44. Owmer/Manager: UNKNOWN Occurrence No. 5 Map Index: 42629 EO Index: 42629 Element Last Seen: 1999-06-17 Occ. Rank: Poor Presence: Presumed Extant Site Last Seen: 1999-06-17 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2000-03-27 Quad Summary: Moccasin (3712073) County Summary: Tuolumne Lat/Long: 37.75712/-120.32595 Accuracy: specific area UTM: Zone-10 N4182234 E735568 Elevation (ft): 1100 PLSS: T02S, R15E, Sec. 16, SW (M) Acres: 29.0 Location: HATCH & SECOND CREEKS, UPSTREAM OF CONFLUENCE NEAR MARSH FLAT	County Summary:	Tuolumne							
PLSS: T02S, R15E, Sec. 21, NW (M) Acres: 14.5 Location: FIRST CREEK, UPSTREAM OF THE MARSH FLAT ROAD CROSSING, 1.2 MILES NORTH OF BLANCHARD, EAST OF DON PEDRO RESERVOIR. Detailed Location: SURROUNDING LAND USE IS PASTURE. E Ecological: MEDIUM COBBLES, LARGE POOLS BUT LOW WATER FLOWS, POOLS 1 TO 3 FEET DEEP. Beam General: 5 ADULTS CAPTURED, FIN CLIPPED, AND RELEASED; FIN CLIPS AT UCSC, #WJJLS44. Dyse 1999-06-17 Occurrence No. 5 Map Index: 42629 EO Index: 42629 Element Last Seen: 1999-06-17 Occ. Rank: Poor Presence: Presumed Extant Record Last Updated: 2000-03-27 Quad Summary: Moccasin (3712073) County Summary: Tuolumne Elevation (ft): 1100 Lat/Long: 37.75712 / -120.32595 Accuracy: specific area 29.0 Location: HATCH & SECOND CREEKS, UPSTREAM OF CONFLUENCE NEAR MARSH FLAT RD, 2 MILES SOUTH OF DOMINGO PEAK, 4 MissW OF MOCCASIN, WIM Acres: 29.0 Location: HATCH & SECOND CREEKS, UPSTREAM OF CONFLUENCE NEAR MARSH FLAT RD, 2 MILES SOUTH OF DOMINGO PEAK, 4 MissW OF MOCCASIN, WIM Acres: 29.0 Location: HATCH & SECOND CREEKS, UPSTREAM OF	Lat/Long:	37.74935	/ -120.32688			Accuracy:	specific area	a	
Location: FIRST CREEK, UPSTREAM OF THE MARSH FLAT ROAD CROSSING, 1.2 MILES NORTH OF BLANCHARD, EAST OF DON PEDRO RESERVOIR. Detailed Location: SURROUNDING LAND USE IS PASTURE. Ecological: MEDIUM COBBLES, LARGE POOLS BUT LOW WATER FLOWS, POOLS 1 TO 3 FEET DEEP. General: 5 ADULTS CAPTURED, FIN CLIPPED, AND RELEASED; FIN CLIPS AT UCSC, #WJJLS44. Owner/Manager: UNKNOWN Occurrence No. 5 Map Index: 42629 EO Index: 42629 Element Last Seen: 1999-06-17 Occ. Rank: Poor Presence: Presumed Extant Site Last Seen: 1999-06-17 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2000-03-27 Quad Summary: Moccasin (3712073) County Summary: Tuolumne Lat/Long: 37.75712 / -120.32595 Accuracy: specific area Lat/Long: 37.75712 / -120.32595 Accuracy: specific area 29.0 Location: HATCH & SECOND CREEKS, UPSTREAM OF CONFLUENCE NEAR MARSH FLAT RD, 2 MILES SOUTH OF DOMING PEAK, 4 MISSW OF MOCCASIN. Second CREEKS, UPSTREAM OF CONFLUENCE NEAR MARSH FLAT RD, 2 MILES SOUTH OF DOMING PEAK, 4 MISSW OF MOCCASIN. Detailed Location: SURROUNDING LAND USE IS PASTURE (SECOND CREEK) AND HORSE FARM (HATCH CREEK). Ecological: SECOND CREK: POOL ABOVE CULVERT, MEDIUM COBBLES, LAR	UTM:	Zone-10 N	l4181370 E735510			Elevation (ft):	900		
PEDRO RESERVOIR. Detailed Location: SURROUNDING LAND USE IS PASTURE. Ecological: MEDIUM COBBLES, LARGE POOLS BUT LOW WATER FLOWS, POOLS 1 TO 3 FEET DEEP. General: 5 ADULTS CAPTURED, FIN CLIPPED, AND RELEASED; FIN CLIPS AT UCSC, #WJJLS44. Owner/Manager: UNKNOWN Occurrence No. 5 Map Index: 42629 EO Index: 42629 Element Last Seen: 1999-06-17 Occ. Rank: Poor Presence: Presumed Extant Site Last Seen: 1999-06-17 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2000-03-27 Quad Summary: Moccasin (3712073) Tocc. Specific area 1999-06-17 County Summary: Tuolumne Index: 42629 Elevation (ft): 1100 PLSS: 7.75712 / -120.32595 Accuracy: specific area Elevation (ft): 1100 PLSS: To2S, R15E, Sec. 16, SW (M) Acres: 29.0 Elevation (ft): 1100 PLSS: To2S, R15E, Sec. 16, SW (M) Acres: 29.0 Elevation (ft): 1100 PLSS: To2S, R15E, Sec. 16, SW (M) SecOND CREEKS, UPSTREAM O	PLSS:	T02S, R15	5E, Sec. 21, NW (M)			Acres:	14.5		
Detailed Location:SURROUNDING LAND USE IS PASTURE.Ecological:MEDIUM COBBLES, LARGE POOLS BUT LOW WATER FLOWS, POOLS 1 TO 3 FEET DEEP.General:5 ADULTS CAPTURED, FIN CLIPPED, AND RELEASED; FIN CLIPS AT UCSC, #WJJLS4.Owner/Manager:UNKNOWNOccurrence No.5Map Index: 42629EO Index:42629Element Last Seen:1999-06-17Occ. Rank:PoorPresence:Presence:Presence:Presence:1999-06-17Occ. Type:Natural/Native occurrenceTrend:UnknownRecord Last Updated:2000-03-27Quad Summary:Moccasin (371-2073)Last Seen:1999-06-17Ste Last Seen:1999-06-17County Summary:TuolumneElevation (ft):1100Elevation (ft):1100PLSS:T02S, R15E, Sec. 16, SW (M)Acres:29.0Elevation (ft):1100PLSS:UTRCH & SECOND CREEKS, UPSTREAM OF CONFLUENCE NEAR MARSH FLAT RD, 2 MILES SOUTH OF DOMING OPEAK, 4Detailed Location:SURROUNDING LAND USE IS PASTURE (SECOND CREEK) AND HORSE FARM (HATCH CREEK).Ecological:SECOND CREEK: POOL ABOVE CULVERT, MEDIUM COBBLES, LARGE POOL, WATER 1-4 FEET DEEP. HATCH CREEK:General:10 ADULTS CAPTURED, FIN CLIPPED, ANTER 1-2 FEET DEEP.General:10 ADULTS CAPTURED, FIN CLIPPED, ANTER 1-2 FEET DEEP.General:10 ADULTS CAPTURED, FIN CLIPPED, ST UCSC, #WJJLS42 (HATCH CRE).	Location:			ARSH FLAT RC	AD CROSSIN	G, 1.2 MILES NOR	TH OF BLAN	CHARD, EAST	OF DON
Ecological: MEDIUM COBBLES, LARGE POOLS BUT LOW WATER FLOWS, POOLS 1 TO 3 FEET DEEP. General: 5 ADULTS CAPTURED, FIN CLIPPED, AND RELEASED; FIN CLIPS AT UCSC, #WJJLS44. Owner/Manager: UNKNOWN Occurrence No. 5 Map Index: 42629 EO Index: 42629 Element Last Seen: 1999-06-17 Occ. Rank: Poor Presence: Presumed Extant Site Last Seen: 1999-06-17 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2000-03-27 Quad Summary: Moccasin (3712073) County Summary: Tuolumne Elevation (ft): 1100 PLSS: T02S, R15E, Sec. 16, SW (M) Acres: 29.0 Location: HATCH & SECOND CREEKS, UPSTREAM OF CONFLUENCE NEAR MARSH FLAT RD, 2 MILES SOUTH OF DOMINGO PEAK, 4 MI SSW OF MOCCASIN. Detailed Location: SURROUNDING LAND USE IS PASTURE (SECOND CREEK) AND HORSE FARM (HATCH CREEK). Ecological: SECOND CREEK: POOL ABOVE CULVERT, MEDIUM COBBLES, LARGE POOL, WATER 1-4 FEET DEEP. HATCH CREEK: MEDIUM COBBLE, ISOLATED POOLS, WATER 1-2 FEET DEEP. General: 10 ADULTS CAPTURED, FIN CLIPPED, AND RELEASED, 5 FROM EACH CREEK; FIN CLIPS AT UCSC, #WJJLS42 (HATCH CR), #WJJLS43 (SECOND CR).	Detailed Location:			RE					
General: 5 ADULTS CAPTURED, FIN CLIPPED, AND RELEASED; FIN CLIPS AT UCSC, #WJJLS44. Owner/Manager: UNKNOWN Occurrence No. 5 Map Index: 42629 EO Index: 42629 Element Last Seen: 1999-06-17 Occ. Rank: Poor Presence: Presumed Extant Site Last Seen: 1999-06-17 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2000-03-27 Quad Summary: Moccasin (3712073) County Summary: Tuolumne Accuracy: specific area Lat/Long: 37.75712 / -120.32595 Accuracy: specific area Elevation (ft): 1100 PLSS: T02S, R15E, Sec. 16, SW (M) Acres: 29.0 Location: HATCH & SECOND CREEKS, UPSTREAM OF CONFLUENCE NEAR MARSH FLAT RD, 2 MILES SOUTH OF DOMINGO PEAK, 4 MI SSW OF MOCCASIN. Detailed Location: SURROUNDING LAND USE IS PASTURE (SECOND CREEK) AND HORSE FARM (HATCH CREEK). Ecological: SECOND CREEK: POOL ABOVE CULVERT, MEDIUM COBBLES, LARGE POOL, WATER 1-4 FEET DEEP. HATCH CREEK: MEDIUM COBBLE, ISOLATED POOLS, WATER 1-2 FEET DEEP. General: 10 ADULTS CAPTURED, FIN CLIPPED, AND RELEASED, 5 FROM EACH CREEK; FIN CLIPS AT UCSC, #WJJLS42 (HATCH CR), #WJJLS43 (SECOND CR).					R FLOWS PO		DEED		
Owner/Manager: UNKNOWN Occurrence No. 5 Map Index: 42629 EO Index: 42629 Record Last Seen: 1999-06-17 Occ. Rank: Poor Presence: Presumed Extant Site Last Seen: 1999-06-17 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2000-03-27 Quad Summary: Moccasin (3712073)	-		,						
Occ. Rank:PoorPresence:Presence:Presumed ExtantSite Last Seen:1999-06-17Occ. Type:Natural/Native occurrenceTrend:UnknownRecord Last Updated:2000-03-27Quad Summary:Moccasin (3712073)TuolumneImage: Second Last Updated:2000-03-27County Summary:TuolumneFullSecond Last Updated:2000-03-27Lat/Long:37.75712 / -120.32595Accuracy:specific areaUTM:Zone-10 N4182234 E735568Elevation (ft):1100PLSS:T02S, R15E, Sec. 16, SW (M)Acres:29.0Location:HATCH & SECOND CREEKS, UPSTREAM OF CONFLUENCE NEAR MARSH FLAT RD, 2 MILES SOUTH OF DOMINGO PEAK, 4 MI SSW OF MOCCASIN.SURROUNDING LAND USE IS PASTURE (SECOND CREEK) AND HORSE FARM (HATCH CREEK).Detailed Location:SURROUNDING LAND USE IS PASTURE (SECOND CREEK) AND HORSE FARM (HATCH CREEK).Ecological:SECOND CREEK: POOL ABOVE CULVERT, MEDIUM COBBLES, LARGE POOL, WATER 1-4 FEET DEEP. HATCH CREEK: MEDIUM COBBLE, ISOLATED POOLS, WATER 1-2 FEET DEEP.General:10 ADULTS CAPTURED, FIN CLIPPED, AND RELEASED, 5 FROM EACH CREEK; FIN CLIPS AT UCSC, #WJJLS42 (HATCH CR).					2,				
Occ. Rank:PoorPresence:Presence:Presumed ExtantSite Last Seen:1999-06-17Occ. Type:Natural/Native occurrenceTrend:UnknownRecord Last Updated:2000-03-27Quad Summary:Moccasin (3712073)TuolumneImage: Second Last Updated:2000-03-27County Summary:TuolumneFullSecond Last Updated:2000-03-27Lat/Long:37.75712 / -120.32595Accuracy:specific areaUTM:Zone-10 N4182234 E735568Elevation (ft):1100PLSS:T02S, R15E, Sec. 16, SW (M)Acres:29.0Location:HATCH & SECOND CREEKS, UPSTREAM OF CONFLUENCE NEAR MARSH FLAT RD, 2 MILES SOUTH OF DOMINGO PEAK, 4 MI SSW OF MOCCASIN.SURROUNDING LAND USE IS PASTURE (SECOND CREEK) AND HORSE FARM (HATCH CREEK).Detailed Location:SURROUNDING LAND USE IS PASTURE (SECOND CREEK) AND HORSE FARM (HATCH CREEK).Ecological:SECOND CREEK: POOL ABOVE CULVERT, MEDIUM COBBLES, LARGE POOL, WATER 1-4 FEET DEEP. HATCH CREEK: MEDIUM COBBLE, ISOLATED POOLS, WATER 1-2 FEET DEEP.General:10 ADULTS CAPTURED, FIN CLIPPED, AND RELEASED, 5 FROM EACH CREEK; FIN CLIPS AT UCSC, #WJJLS42 (HATCH CR).		_							
Occ. Type:Natural/Native occurrenceTrend:UnknownRecord Last Updated:2000-03-27Quad Summary:Moccasin (3712073)County Summary:TuolumneLat/Long:37.75712 / -120.32595Accuracy:specific areaUTM:Zone-10 N4182234 E735568Elevation (ft):1100PLSS:T02S, R15E, Sec. 16, SW (M)Acres:29.0Location:HATCH & SECOND CREEKS, UPSTREAM OF CONFLUENCE NEAR MARSH FLAT RD, 2 MILES SOUTH OF DOMINGO PEAK, 4 MI SSW OF MOCCASIN.Detailed Location:SURROUNDING LAND USE IS PASTURE (SECOND CREEK) AND HORSE FARM (HATCH CREEK).Ecological:SECOND CREEK: POOL ABOVE CULVERT, MEDIUM COBBLES, LARGE POOL, WATER 1-4 FEET DEEP. HATCH CREEK: MEDIUM COBBLE, ISOLATED POOLS, WATER 1-2 FEET DEEP.HATCH CREEK: HATCH CREEK:General:10 ADULTS CAPTURED, FIN CLIPPED, AND RELEASED, 5 FROM EACH CREEK; FIN CLIPS AT UCSC, #WJJLS42 (HATCH CR),			Map Index: 42629						
Quad Summary: Moccasin (3712073) County Summary: Tuolumne Lat/Long: 37.75712 / -120.32595 Accuracy: specific area UTM: Zone-10 N4182234 E735568 Elevation (ft): 1100 PLSS: T02S, R15E, Sec. 16, SW (M) Acres: 29.0 Location: HATCH & SECOND CREEKS, UPSTREAM OF CONFLUENCE NEAR MARSH FLAT RD, 2 MILES SOUTH OF DOMINGO PEAK, 4 MI SSW OF MOCCASIN. Detailed Location: SURROUNDING LAND USE IS PASTURE (SECOND CREEK) AND HORSE FARM (HATCH CREEK). Ecological: SECOND CREEK: POOL ABOVE CULVERT, MEDIUM COBBLES, LARGE POOL, WATER 1-4 FEET DEEP. HATCH CREEK: MEDIUM COBBLE, ISOLATED POOLS, WATER 1-2 FEET DEEP. In ADULTS CAPTURED, FIN CLIPPED, AND RELEASED, 5 FROM EACH CREEK; FIN CLIPS AT UCSC, #WJJLS42 (HATCH CR), #WJJLS43 (SECOND CR).				Presence:	Presumed E	xtant			1999-06-17
County Summary:TuolumneLat/Long:37.75712 / -120.32595Accuracy:specific areaUTM:Zone-10 N4182234 E735568Elevation (ft):1100PLSS:T02S, R15E, Sec. 16, SW (M)Acres:29.0Location:HATCH & SECOND CREEKS, UPSTREAM OF CONFLUENCE NEAR MARSH FLAT RD, 2 MILES SOUTH OF DOMINGO PEAK, 4 MI SSW OF MOCCASIN.Detailed Location:SURROUNDING LAND USE IS PASTURE (SECOND CREEK) AND HORSE FARM (HATCH CREEK).Ecological:SECOND CREEK: POOL ABOVE CULVERT, MEDIUM COBBLES, LARGE POOL, WATER 1-4 FEET DEEP. HATCH CREEK: MEDIUM COBBLE, ISOLATED POOLS, WATER 1-2 FEET DEEP.I-4 FEET DEEP. HATCH CREEK: MEDIUM COBBLE, ISOLATED POOLS, WATER 1-2 FEET DEEP.General:10 ADULTS CAPTURED, FIN CLIPPED, AND RELEASED, 5 FROM EACH CREEK; FIN CLIPS AT UCSC, #WJJLS42 (HATCH CR), #WJJLS43 (SECOND CR).	Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown		Record L	ast Updated:	2000-03-27
Lat/Long: 37.75712 / -120.32595 Accuracy: specific area UTM: Zone-10 N4182234 E735568 Elevation (ft): 1100 PLSS: T02S, R15E, Sec. 16, SW (M) Acres: 29.0 Location: HATCH & SECOND CREEKS, UPSTREAM OF CONFLUENCE NEAR MARSH FLAT RD, 2 MILES SOUTH OF DOMINGO PEAK, 4 MI SSW OF MOCCASIN. Detailed Location: SURROUNDING LAND USE IS PASTURE (SECOND CREEK) AND HORSE FARM (HATCH CREEK). Ecological: SECOND CREEK: POOL ABOVE CULVERT, MEDIUM COBBLES, LARGE POOL, WATER 1-4 FEET DEEP. HATCH CREEK: MEDIUM COBBLE, ISOLATED POOLS, WATER 1-2 FEET DEEP. Just 24 (HATCH CR), #WJJLS43 (SECOND CR).	Quad Summary:	Moccasin	(3712073)						
UTM:Zone-10 N4182234 E735568Elevation (ft):1100PLSS:T02S, R15E, Sec. 16, SW (M)Acres:29.0Location:HATCH & SECOND CREEKS, UPSTREAM OF CONFLUENCE NEAR MARSH FLAT RD, 2 MILES SOUTH OF DOMINGO PEAK, 4 MI SSW OF MOCCASIN.Detailed Location:SURROUNDING LAND USE IS PASTURE (SECOND CREEK) AND HORSE FARM (HATCH CREEK).Ecological:SECOND CREEK: POOL ABOVE CULVERT, MEDIUM COBBLES, LARGE POOL, WATER 1-4 FEET DEEP. HATCH CREEK: MEDIUM COBBLE, ISOLATED POOLS, WATER 1-2 FEET DEEP.General:10 ADULTS CAPTURED, FIN CLIPPED, AND RELEASED, 5 FROM EACH CREEK; FIN CLIPS AT UCSC, #WJJLS42 (HATCH CR), #WJJLS43 (SECOND CR).	County Summary:	Tuolumne							
PLSS:T02S, R15E, Sec. 16, SW (M)Acres:29.0Location:HATCH & SECOND CREEKS, UPSTREAM OF CONFLUENCE NEAR MARSH FLAT RD, 2 MILES SOUTH OF DOMINGO PEAK, 4 MI SSW OF MOCCASIN.Detailed Location:SURROUNDING LAND USE IS PASTURE (SECOND CREEK) AND HORSE FARM (HATCH CREEK).Ecological:SECOND CREEK: POOL ABOVE CULVERT, MEDIUM COBBLES, LARGE POOL, WATER 1-4 FEET DEEP. HATCH CREEK: MEDIUM COBBLE, ISOLATED POOLS, WATER 1-2 FEET DEEP.General:10 ADULTS CAPTURED, FIN CLIPPED, AND RELEASED, 5 FROM EACH CREEK; FIN CLIPS AT UCSC, #WJJLS42 (HATCH CR), #WJJLS43 (SECOND CR).	Lat/Long:	37.75712	/ -120.32595			Accuracy:	specific area	a	
Location: HATCH & SECOND CREEKS, UPSTREAM OF CONFLUENCE NEAR MARSH FLAT RD, 2 MILES SOUTH OF DOMINGO PEAK, 4 MI SSW OF MOCCASIN. Detailed Location: SURROUNDING LAND USE IS PASTURE (SECOND CREEK) AND HORSE FARM (HATCH CREEK). Ecological: SECOND CREEK: POOL ABOVE CULVERT, MEDIUM COBBLES, LARGE POOL, WATER 1-4 FEET DEEP. HATCH CREEK: MEDIUM COBBLE, ISOLATED POOLS, WATER 1-2 FEET DEEP. General: 10 ADULTS CAPTURED, FIN CLIPPED, AND RELEASED, 5 FROM EACH CREEK; FIN CLIPS AT UCSC, #WJJLS42 (HATCH CR), #WJJLS43 (SECOND CR).	UTM:	Zone-10 N	l4182234 E735568			Elevation (ft):	1100		
MI SSW OF MOCCASIN. Detailed Location: SURROUNDING LAND USE IS PASTURE (SECOND CREEK) AND HORSE FARM (HATCH CREEK). Ecological: SECOND CREEK: POOL ABOVE CULVERT, MEDIUM COBBLES, LARGE POOL, WATER 1-4 FEET DEEP. HATCH CREEK: MEDIUM COBBLE, ISOLATED POOLS, WATER 1-2 FEET DEEP. General: 10 ADULTS CAPTURED, FIN CLIPPED, AND RELEASED, 5 FROM EACH CREEK; FIN CLIPS AT UCSC, #WJJLS42 (HATCH CR), #WJJLS43 (SECOND CR).	PLSS:	T02S, R15	5E, Sec. 16, SW (M)			Acres:	29.0		
Ecological:SECOND CREEK: POOL ABOVE CULVERT, MEDIUM COBBLES, LARGE POOL, WATER 1-4 FEET DEEP. HATCH CREEK: MEDIUM COBBLE, ISOLATED POOLS, WATER 1-2 FEET DEEP.General:10 ADULTS CAPTURED, FIN CLIPPED, AND RELEASED, 5 FROM EACH CREEK; FIN CLIPS AT UCSC, #WJJLS42 (HATCH CR), #WJJLS43 (SECOND CR).	Location:			AM OF CONFL	UENCE NEAR	MARSH FLAT RD	, 2 MILES SO	UTH OF DOMI	NGO PEAK, 4
General: MEDIUM COBBLE, ISOLATED POOLS, WATER 1-2 FEET DEEP. General: 10 ADULTS CAPTURED, FIN CLIPPED, AND RELEASED, 5 FROM EACH CREEK; FIN CLIPS AT UCSC, #WJJLS42 (HATCH CR), #WJJLS43 (SECOND CR).	Detailed Location:	SURROUI	NDING LAND USE IS PASTU	RE (SECOND C	REEK) AND H	IORSE FARM (HAT	CH CREEK).		
General: 10 ADULTS CAPTURED, FIN CLIPPED, AND RELEASED, 5 FROM EACH CREEK; FIN CLIPS AT UCSC, #WJJLS42 (HATCH CR), #WJJLS43 (SECOND CR).	Ecological:	SECOND MEDIUM (CREEK: POOL ABOVE CULV COBBLE, ISOLATED POOLS,	/ERT, MEDIUM , WATER 1-2 FE	COBBLES, LA ET DEEP.	NRGE POOL, WATE	R 1-4 FEET	DEEP. HATCH	CREEK:
	General:	10 ADULT	S CAPTURED, FIN CLIPPED			ACH CREEK; FIN	CLIPS AT UC	SC, #WJJLS42	2 (HATCH CR),
	Owner/Manager:								



California Department of Fish and Wildlife



Occurrence No. Occ. Rank:	6 Map Index: 42631 Good	EO Index: Presence:	42631 Presumed Extant	Element Last Seen: Site Last Seen:	1999-06-17 1999-06-17
Осс. Туре:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:	2000-03-27
Quad Summary: County Summary:	Moccasin (3712073) Tuolumne				
Lat/Long:	37.77861 / -120.27184		Accuracy:	specific area	
UTM:	Zone-10 N4184757 E740266		Elevation (ft)	: 1200	
PLSS:	T02S, R15E, Sec. 12, NW (M)		Acres:	11.0	
Location:	BIG JACKASS CREEK, AT HIGHWAY 4	9 CROSSING,	ABOUT 3 MILES SE OF MOC	CASIN.	
Detailed Location:					
Ecological:	LARGE COBBLES, ISOLATED POOLS,	GOOD WATER	R FLOW, WATER 1 TO 3 FEE	T DEEP.	
General:	5 BREEDING ADULTS CAPTURED, FIN	I CLIPPED, AN	D RELEASED; FIN CLIPS AT	UCSC MUSEUM, #WJJLS41.	
Owner/Manager:	UNKNOWN				

1	4 *	•			Elemen	nt Code: AFCJ	ID40020
Lavinia symme	tricus ssp	. 3			Eleme	ni code: AFCJ	ID I 9020
Red Hills roach							
Listing Status:	Federal:	None		CNDDB Element Rank		• • • •	
	State:	None			State:	S1	
	Other:	AFS_VU-Vulnerable, BLM_	S-Sensitive, CDI	FW_SSC-Species of Special Conc	ern		
Habitat:	General:	SMALL STREAMS NEAR S	ONORA.				
	Micro:	FOUND IN AREAS WITH S	ERPENTINE SC	DIL.			
Occurrence No.	1	Map Index: 41331	EO Index:	41331	Element	Last Seen:	1999-06-17
Occ. Rank:	Fair		Presence:	Presumed Extant	Site Last	Seen:	1999-06-17
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown	Record L	ast Updated:	2000-03-23
Quad Summary:	Chinese C	amp (3712074)					
County Summary:	Tuolumne						
Lat/Long:	37.85097 /	-120.46501		Accuracy:	specific are	а	
UTM:	Zone-10 N	4192308 E723033		Elevation (ft):	1200		
PLSS:	T01S, R14	E, Sec. 17 (M)		Acres:	59.9		
Location:	HORTON	CREEK, 2.2 MILES SW OF C	HINESE CAMP	AND 1.4 MILES NNE OF CRIME	A HOUSE, RI	ED HILLS.	
Detailed Location:	SURROUN FAIR.	NDING LAND USE IS A RANG	CH, BLM LAND.	SITE QUALITY GOOD IN THE M	IDDLE SECT	ION, ABOVE A	ND BELOW IS
Ecological:	LARGE CO	OBBLES, ISOLATED POOLS,	, WATER 1 TO 2	2 FEET DEEP.			
General:		CAPTURED IN 1998 & 10 C. S12, WJJLS36, WJJLS45).	APTURED IN 19	999, ALL WERE FIN CLIPPED & F	RELEASED. I	FIN CLIPS SEN	IT TO UCSC
Owner/Manager:	UNKNOW	N					



California Department of Fish and Wildlife



Occurrence No.	2 Map Index: 41336	EO Index:	41336	Element Last Seen:	1998-11-20
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:	1998-11-20
Осс. Туре:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:	1999-07-01
Quad Summary:	Chinese Camp (3712074)				
County Summary:	Tuolumne				
Lat/Long:	37.84474 / -120.47098		Accuracy:	specific area	
UTM:	Zone-10 N4191603 E722526		Elevation (ft):	1200	
PLSS:	T01S, R14E, Sec. 18, SE (M)		Acres:	18.7	
Location:	ROACH CREEK (CREEK IS ACTUALLY HOUSE, RED HILLS.	UNNAMED), A	BOUT 3 MILES SW OF CHINES	E CAMP AND 1 MILE NNE C	OF CRIMEA
Detailed Location:	SURROUNDING LAND USE IS A RANCH	Η.			
Ecological:					
General:	5 ADULTS CAPTURED, FIN CLIPPED, A	ND RELEASE	D. FIN CLIPS SENT TO UCSC.		
Owner/Manager:	UNKNOWN				
Occurrence No.	3 Map Index: 41337	EO Index:	41337	Element Last Seen:	2000-07-10
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:	2000-07-10
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:	2003-06-13
Quad Summary:	Chinese Camp (3712074)				
County Summary:	Tuolumne				
Lat/Long:	37.84126 / -120.48346		Accuracy:	specific area	
UTM:	Zone-10 N4191187 E721438		Elevation (ft):	1300	
PLSS:	T01S, R13E, Sec. 24, NE (M)		Acres:	19.1	
Location:	AMBER CREEK, ABOUT 3.5 MILES SW				
Detailed Location:	2000 FIELD SURVEY FORM CALLS THI	S CREEK "RO	ACH CR", BUT THE MAP ATTA		
Ecological:	THE SAME LOCATION AS THE 1998 RE SMALL STREAM WITH FEW PLANTS/SI IS A RANCH, PASTURE & MINING.			HILLS ROACH. SURROUND	ING LAND USE
General:	10 JUL 2000: 5 ADULTS CAPTURED, FI RELEASED. FIN CLIPS SENT TO UCSC		RELEASED. 20 NOV 1998: 5 AD	OULTS CAPTURED, FIN CLIF	PED, AND
Owner/Manager:	UNKNOWN				



California Department of Fish and Wildlife



Occurrence No.	4	Map Index: 42611	EO Index:	42611		Element Last Seen:	1999-06-15
Occ. Rank:	Good		Presence:	Presumed E	xtant	Site Last Seen:	1999-06-15
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2000-03-23
Quad Summary:	Chinese Can	np (3712074)					
County Summary:	Tuolumne						
Lat/Long:	37.82414 / -1	120.40995			Accuracy:	specific area	
UTM:	Zone-10 N41	189464 E727960			Elevation (ft):	880	
PLSS:	T01S, R14E,	, Sec. 26, NW (M)			Acres:	20.9	
Location:	POOR MANS		OF HUNGRY I	HILL, 4 MILES	ESE OF CRIMEA	HOUSE, 2 MI SW HWY 120	CROSSING OF
Detailed Location:	POOR MANS	S GULCH, RED HILLS.					
Ecological:	LARGE COE	BLES, CONNECTED POOL	S; WATER 1 T	O 3 FEET DE	EP.		
General:	5 JUVENILE	S, BUT NO ADULTS OBSER	RVED, 1999 (F	IN CLIP ONLY	, #WJJLS38 SENT	TO UCSC).	
Owner/Manager:	BLM						
Occurrence No.	5	Map Index: 42613	EO Index:	42613		Element Last Seen:	1999-06-15
Occ. Rank:	Excellent		Presence:	Presumed E	xtant	Site Last Seen:	1999-06-15
Occ. Type:		/e occurrence	Trend:	Unknown		Record Last Updated:	2000-03-23
Quad Summary:	Chinese Can	np (3712074)				•	
County Summary:	Tuolumne						
Lat/Long:	37.83506 / -1	120.43347			Accuracy:	specific area	
UTM:	Zone-10 N41	190619 E725856			Elevation (ft):	920	
PLSS:	T01S, R14E,	, Sec. 21, NE (M)			Acres:	31.1	
Location:	MINNOW AN	ND SIX BIT GULCHES, 1 MIL	E WSW OF H	UNGRY HILL,	2.5 MILES SOUTH	OF CHINESE CAMP, RED	HILLS.
Detailed Location:		D OF MINNOW GULCH CRE ICHUS MYKISS, CATOSTO				VITH SIX BIT GULCH CREEP	κ.
Ecological:		ARGE COBBLE, ISOLATED O 3 FEET DEEP.	POOLS IN INT	ERMITENT S	TREAM. SIX BIT: L	ARGE COBBLES, ISOLATE	D POOLS,
General:		LECTED AND FIN CLIPPED, L DEATH), 1999. FIN CLPIS				FROM MINNOW GULCH W	ERE KEPT
Owner/Manager:	UNKNOWN						



California Department of Fish and Wildlife



Occurrence No.	6	Map Index: 42624	EO Index:	42624	Element Last Seen:	1999-06-15
Occ. Rank:	Fair		Presence:	Presumed Extant	Site Last Seen:	1999-06-15
Occ. Type:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2005-07-12
Quad Summary:	Keystone (37	712075), New Melones Dan	n (3712085)			
County Summary:	Tuolumne		()			
Lat/Long:	37.87406 / -1	120.50774		Accuracy:	specific area	
UTM:		194770 E719204		Elevation (ft):	1030	
PLSS:	T01S, R13E,	, Sec. 02, SE (M)		Acres:	18.7	
Location:	ANDREW C	REEK. AT THE CROSSING	OF HIGHWAY	108/120, 2.7 MILES NORTH OF	KEYSTONE. RED HILLS.	
Detailed Location:		ULVERT BELOW HIGHWA		·····		
Ecological:				O 3 FEET DEEP. SURROUNDIN	IG LAND USE PASTURE/CO	WS.
General:				OULTS COLLECTED, FIN CLIPS		
		N L U COZ				
	MUSEUM #V	VJJLS37.				
Owner/Manager:	PVT	WJJL837.				
Owner/Manager: Occurrence No.		MJJL537. Map Index: 51536	EO Index:	51536	Element Last Seen:	2000-07-10
	PVT		EO Index: Presence:	51536 Presumed Extant	Element Last Seen: Site Last Seen:	2000-07-10 2000-07-10
Occurrence No.	PVT 8 Fair					
Occurrence No. Occ. Rank:	PVT 8 Fair Natural/Nativ	Map Index: 51536	Presence:	Presumed Extant	Site Last Seen:	2000-07-10
Occurrence No. Occ. Rank: Occ. Type:	PVT 8 Fair Natural/Nativ	Map Index: 51536	Presence:	Presumed Extant	Site Last Seen:	2000-07-10
Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	PVT 8 Fair Natural/Nativ Chinese Can	Map Index: 51536 re occurrence np (3712074)	Presence:	Presumed Extant	Site Last Seen:	2000-07-10
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	PVT 8 Fair Natural/Nativ Chinese Can Tuolumne 37.83631 / -1	Map Index: 51536 re occurrence np (3712074)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2000-07-10
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	PVT 8 Fair Natural/Nativ Chinese Can Tuolumne 37.83631 / -1	Map Index: 51536 re occurrence np (3712074) 120.47426 190659 E722263	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: specific area	2000-07-10
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	PVT 8 Fair Natural/Nativ Chinese Can Tuolumne 37.83631 / -1 Zone-10 N41 T01S, R14E,	Map Index: 51536 re occurrence np (3712074) 120.47426 190659 E722263 , Sec. 19 (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: specific area 1250 21.4	2000-07-10
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	PVT 8 Fair Natural/Nativ Chinese Can Tuolumne 37.83631 / -1 Zone-10 N41 T01S, R14E,	Map Index: 51536 re occurrence np (3712074) 120.47426 190659 E722263 , Sec. 19 (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 1250 21.4	2000-07-10
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	PVT 8 Fair Natural/Nativ Chinese Can Tuolumne 37.83631 / -1 Zone-10 N41 T01S, R14E, AMBER CRE HEAVY UND	Map Index: 51536 /e occurrence np (3712074) 120.47426 190659 E722263 , Sec. 19 (M) EEK. NORTH OF RED HILL	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 1250 21.4 HOUSE.	2000-07-10 2003-06-13
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	PVT 8 Fair Natural/Nativ Chinese Can Tuolumne 37.83631 / -1 Zone-10 N41 T01S, R14E, AMBER CRE HEAVY UND AREA IS PA	Map Index: 51536 /e occurrence np (3712074) 120.47426 190659 E722263 , Sec. 19 (M) EEK. NORTH OF RED HILL DERBRUSH NEXT TO SMA	Presence: Trend: . SIMS ROAD. A	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: ABOUT 0.25 MI NE OF CRIMEA	Site Last Seen: Record Last Updated: specific area 1250 21.4 HOUSE.	2000-07-10 2003-06-13



California Natural Diversity Database



Mylopharodon conocephalus Element Code: AFCJB25010 hardhead Listing Status: Federal: CNDDB Element Ranks: Global: G3 None State: S3 State: None Other: CDFW_SSC-Species of Special Concern, USFS_S-Sensitive Habitat: LOW TO MID-ELEVATION STREAMS IN THE SACRAMENTO-SAN JOAQUIN DRAINAGE. ALSO PRESENT IN THE General: RUSSIAN RIVER. Micro: CLEAR, DEEP POOLS WITH SAND-GRAVEL-BOULDER BOTTOMS & SLOW WATER VELOCITY. NOT FOUND WHERE EXOTIC CENTRARCHIDS PREDOMINATE. Occurrence No. 30 Map Index: 73945 EO Index: 74954 **Element Last Seen:** 2007-07-20 Occ. Rank: Presence: Presumed Extant 2007-07-20 Unknown Site Last Seen: Natural/Native occurrence Trend: Unknown **Record Last Updated:** Occ. Type: 2009-03-16 **Quad Summary:** Snelling (3712054) **County Summary:** Merced Lat/Long: 37.51823 / -120.41662 Accuracy: 80 meters UTM: Zone-10 N4155499 E728309 Elevation (ft): 260 PLSS: T05S, R14E, Sec. 10, NE (M) Acres: 0.0 Location: MERCED RIVER AT HENDERSON PARK, ABOUT 1.2 MI EAST OF SNELLING. **Detailed Location:** MAPPED TO PROVIDED COORDINATES. **Ecological:** General: 3 INDIVIDUALS CAPTURED VIA BACKPACK E-FISHING, THEN RELEASED, ON 20 JUL 2007. **Owner/Manager:** MER COUNTY





	ensis				Eleme	nt Code: AMA	CC01020
Yuma myotis							
Listing Status:	Federal:	None		CNDDB Element Rai	nks: Global:	G5	
	State:	None			State:	S4	
	Other:	BLM_S-Sensitive, IUCN_LC	C-Least Concern	, WBWG_LM-Low-Medium Prior	rity		
Habitat:	General:	OPTIMAL HABITATS ARE FEED.	OPEN FOREST	S AND WOODLANDS WITH SC	OURCES OF W	ATER OVER W	HICH TO
	Micro:	DISTRIBUTION IS CLOSE OR CREVICES.	LY TIED TO BOI	DIES OF WATER. MATERNITY	COLONIES IN	I CAVES, MINE	S, BUILDINGS
Occurrence No.	140	Map Index: 68798	EO Index:	69309	Element	Last Seen:	1999-09-16
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Las	t Seen:	1999-09-16
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown	Record I	Last Updated:	2007-04-23
Quad Summary:	Moccasin ((3712073)					
County Summary:	Tuolumne						
Lat/Long:	37.80993 /	-120.29944		Accuracy:	1/10 mile		
UTM:	Zone-10 N	4188162 E737733		Elevation (ft):	850		
PLSS:	T01S, R15	E, Sec. 34, NE (M)		Acres:	0.0		
Location:	SE OF MC	CCASIN, ADJACENT TO H	WY 49. MOCCAS	SIN CREEK.			
Detailed Location:	BRIDGE N	IIGHT ROOST. MAPPED AC	CORDING TO L	AT/LONG COORDINATES PRO	OVIDED BY 20	04 REPORT ON	I LASIURUS
Detailed Location:	BRIDGE N		CORDING TO L		OVIDED BY 20	04 REPORT ON	I LASIURUS
Detailed Location: Ecological:	BRIDGE N BLOSSEV	IIGHT ROOST. MAPPED AC ILLII. LOCALITY GIVEN AS	CORDING TO L "MOCCASIN CR	EEK, HWY 120."			
Detailed Location:	BRIDGE N BLOSSEV BATS DET	IIGHT ROOST. MAPPED AC ILLII. LOCALITY GIVEN AS	CORDING TO L "MOCCASIN CR		PTURED ON 1	7 JUN, ABOUT	300 BATS ON
Detailed Location: Ecological:	BRIDGE N BLOSSEV BATS DET	IIGHT ROOST. MAPPED AC ILLII. LOCALITY GIVEN AS ECTED ACOUSTICALLY AN 10+ BATS ON 15 AUG AND A	CORDING TO L "MOCCASIN CR	EEK, HWY 120." BATS OBSERVED AND/OR CA	PTURED ON 1	7 JUN, ABOUT	300 BATS ON
Detailed Location: Ecological: General:	BRIDGE N BLOSSEV BATS DET 14 JUL, 30	IIGHT ROOST. MAPPED AC ILLII. LOCALITY GIVEN AS ECTED ACOUSTICALLY AN 10+ BATS ON 15 AUG AND A	CORDING TO L "MOCCASIN CR	EEK, HWY 120." BATS OBSERVED AND/OR CA	PTURED ON 1 FECTED ACOL	7 JUN, ABOUT	300 BATS ON
Detailed Location: Ecological: General: Owner/Manager:	BRIDGE N BLOSSEV BATS DET 14 JUL, 30 UNKNOWI	IIGHT ROOST. MAPPED AC ILLII. LOCALITY GIVEN AS ECTED ACOUSTICALLY AN 10+ BATS ON 15 AUG AND A N	CORDING TO L "MOCCASIN CR ND ABOUT 100 F ABOUT 50 BATS	EEK, HWY 120." BATS OBSERVED AND/OR CA ON 16 SEP, 1999. BAT(S) DE ⁻	PTURED ON 1 FECTED ACOL	7 JUN, ABOUT JSTICALLY ON Last Seen:	300 BATS ON 22 OCT 1999.
Detailed Location: Ecological: General: Owner/Manager: Occurrence No.	BRIDGE N BLOSSEV BATS DET 14 JUL, 30 UNKNOW 141 Unknown	IIGHT ROOST. MAPPED AC ILLII. LOCALITY GIVEN AS ECTED ACOUSTICALLY AN 10+ BATS ON 15 AUG AND A N	CORDING TO L "MOCCASIN CR ND ABOUT 100 F ABOUT 50 BATS EO Index:	EEK, HWY 120." BATS OBSERVED AND/OR CA ON 16 SEP, 1999. BAT(S) DE ⁻ 69311	PTURED ON 1 IECTED ACOL Element Site Las	7 JUN, ABOUT JSTICALLY ON Last Seen:	300 BATS ON 22 OCT 1999. 1999-09-15
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	BRIDGE N BLOSSEV BATS DET 14 JUL, 30 UNKNOW 141 Unknown	IIGHT ROOST. MAPPED AC ILLII. LOCALITY GIVEN AS TECTED ACOUSTICALLY AN 10+ BATS ON 15 AUG AND A N Map Index: 68800 tive occurrence	CORDING TO L "MOCCASIN CR ND ABOUT 100 F ABOUT 50 BATS EO Index: Presence:	EEK, HWY 120." BATS OBSERVED AND/OR CA ON 16 SEP, 1999. BAT(S) DE 69311 Presumed Extant	PTURED ON 1 IECTED ACOL Element Site Las	7 JUN, ABOUT JSTICALLY ON Last Seen: t Seen:	300 BATS ON 22 OCT 1999. 1999-09-15 1999-09-15
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	BRIDGE N BLOSSEV BATS DET 14 JUL, 30 UNKNOWI 141 Unknown Natural/Na	IIGHT ROOST. MAPPED AC ILLII. LOCALITY GIVEN AS TECTED ACOUSTICALLY AN 10+ BATS ON 15 AUG AND A N Map Index: 68800 tive occurrence	CORDING TO L "MOCCASIN CR ND ABOUT 100 F ABOUT 50 BATS EO Index: Presence:	EEK, HWY 120." BATS OBSERVED AND/OR CA ON 16 SEP, 1999. BAT(S) DE 69311 Presumed Extant	PTURED ON 1 IECTED ACOL Element Site Las	7 JUN, ABOUT JSTICALLY ON Last Seen: t Seen:	300 BATS ON 22 OCT 1999. 1999-09-15 1999-09-15
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	BRIDGE N BLOSSEV BATS DET 14 JUL, 30 UNKNOWI 141 Unknown Natural/Na Moccasin (Tuolumne	IIGHT ROOST. MAPPED AC ILLII. LOCALITY GIVEN AS TECTED ACOUSTICALLY AN 10+ BATS ON 15 AUG AND A N Map Index: 68800 tive occurrence	CORDING TO L "MOCCASIN CR ND ABOUT 100 F ABOUT 50 BATS EO Index: Presence:	EEK, HWY 120." BATS OBSERVED AND/OR CA ON 16 SEP, 1999. BAT(S) DE 69311 Presumed Extant	PTURED ON 1 IECTED ACOL Element Site Las	7 JUN, ABOUT JSTICALLY ON Last Seen: t Seen:	300 BATS ON 22 OCT 1999. 1999-09-15 1999-09-15
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	BRIDGE N BLOSSEV BATS DET 14 JUL, 30 UNKNOWI 141 Unknown Natural/Na Moccasin (Tuolumne 37.83423 /	IIGHT ROOST. MAPPED AC ILLII. LOCALITY GIVEN AS ECTED ACOUSTICALLY AN 0+ BATS ON 15 AUG AND A N Map Index: 68800 tive occurrence (3712073)	CORDING TO L "MOCCASIN CR ND ABOUT 100 F ABOUT 50 BATS EO Index: Presence:	EEK, HWY 120." BATS OBSERVED AND/OR CA ON 16 SEP, 1999. BAT(S) DE 69311 Presumed Extant Unknown	PTURED ON 1 TECTED ACOU Element Site Las Record I	7 JUN, ABOUT JSTICALLY ON Last Seen: t Seen:	300 BATS ON 22 OCT 1999. 1999-09-15 1999-09-15
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	BRIDGE N BLOSSEV BATS DET 14 JUL, 30 UNKNOWI 141 Unknown Natural/Na Moccasin (Tuolumne 37.83423 / Zone-10 N	IIGHT ROOST. MAPPED AC ILLII. LOCALITY GIVEN AS ECTED ACOUSTICALLY AN 00+ BATS ON 15 AUG AND A N Map Index: 68800 tive occurrence (3712073)	CORDING TO L "MOCCASIN CR ND ABOUT 100 F ABOUT 50 BATS EO Index: Presence:	EEK, HWY 120." BATS OBSERVED AND/OR CA ON 16 SEP, 1999. BAT(S) DE 69311 Presumed Extant Unknown Accuracy:	PTURED ON 1 FECTED ACOU Element Site Las Record I 1 mile	7 JUN, ABOUT JSTICALLY ON Last Seen: t Seen:	300 BATS ON 22 OCT 1999. 1999-09-15 1999-09-15
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	BRIDGE N BLOSSEV BATS DET 14 JUL, 30 UNKNOWI 141 Unknown Natural/Na Moccasin (Tuolumne 37.83423 / Zone-10 N T01S, R15	IIGHT ROOST. MAPPED AC ILLII. LOCALITY GIVEN AS ECTED ACOUSTICALLY AN 00+ BATS ON 15 AUG AND A N Map Index: 68800 tive occurrence (3712073) -120.34292 4190750 E733829 E, Sec. 20 (M)	CORDING TO L "MOCCASIN CR ND ABOUT 100 F ABOUT 50 BATS EO Index: Presence: Trend:	EEK, HWY 120." BATS OBSERVED AND/OR CA ON 16 SEP, 1999. BAT(S) DE 69311 Presumed Extant Unknown Accuracy: Elevation (ft):	PTURED ON 1 FECTED ACOU Element Site Las Record I 1 mile 850 0.0	7 JUN, ABOUT JSTICALLY ON Last Seen: t Seen: Last Updated:	300 BATS ON 22 OCT 1999. 1999-09-15 1999-09-15
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	BRIDGE N BLOSSEV BATS DET 14 JUL, 30 UNKNOWI 141 Unknown Natural/Na Moccasin (Tuolumne 37.83423 / Zone-10 N T01S, R15 VICINITY (BRIDGE R	IIGHT ROOST. MAPPED AC ILLII. LOCALITY GIVEN AS TECTED ACOUSTICALLY AN 00+ BATS ON 15 AUG AND A N Map Index: 68800 tive occurrence (3712073) 7-120.34292 4190750 E733829 E, Sec. 20 (M) DF DON PEDRO RESERVO COOST. EXACT LOCATION I	CORDING TO L "MOCCASIN CR ND ABOUT 100 F ABOUT 50 BATS EO Index: Presence: Trend: IR, NEAR INTER	EEK, HWY 120." BATS OBSERVED AND/OR CA ON 16 SEP, 1999. BAT(S) DE 69311 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	PTURED ON 1 TECTED ACOU Element Site Las: Record I 1 mile 850 0.0 ACKSONVILLI NLY AS "JACK	7 JUN, ABOUT JSTICALLY ON Last Seen: Last Updated: E RD.	300 BATS ON 22 OCT 1999. 1999-09-15 1999-09-15 2007-04-03
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	BRIDGE N BLOSSEV BATS DET 14 JUL, 30 UNKNOWI 141 Unknown Natural/Na Moccasin (Tuolumne 37.83423 / Zone-10 N T01S, R15 VICINITY (BRIDGE R	IIGHT ROOST. MAPPED AC ILLII. LOCALITY GIVEN AS TECTED ACOUSTICALLY AN 00+ BATS ON 15 AUG AND A N Map Index: 68800 tive occurrence (3712073) 7-120.34292 4190750 E733829 E, Sec. 20 (M) DF DON PEDRO RESERVO COOST. EXACT LOCATION I	CORDING TO L "MOCCASIN CR ND ABOUT 100 F ABOUT 50 BATS EO Index: Presence: Trend: IR, NEAR INTER	EEK, HWY 120." BATS OBSERVED AND/OR CA ON 16 SEP, 1999. BAT(S) DE 69311 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: SECTION OF HWY 120 AND J SOURCE GIVES LOCATION O	PTURED ON 1 TECTED ACOU Element Site Las: Record I 1 mile 850 0.0 ACKSONVILLI NLY AS "JACK	7 JUN, ABOUT JSTICALLY ON Last Seen: Last Updated: E RD.	300 BATS ON 22 OCT 1999. 1999-09-15 1999-09-15 2007-04-03
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	BRIDGE N BLOSSEV BATS DET 14 JUL, 30 UNKNOWI 141 Unknown Natural/Na Moccasin (Tuolumne 37.83423 / Zone-10 N T01S, R15 VICINITY (BRIDGE R THE GENE NIGHT RC PEDRO." /	IIGHT ROOST. MAPPED AC ILLII. LOCALITY GIVEN AS TECTED ACOUSTICALLY AN 00+ BATS ON 15 AUG AND A N Map Index: 68800 tive occurrence (3712073) 7-120.34292 4190750 E733829 IE, Sec. 20 (M) OF DON PEDRO RESERVO COOST. EXACT LOCATION I ERAL VICINITY OF HIGHWA	CORDING TO L MOCCASIN CR ND ABOUT 100 F ABOUT 50 BATS EO Index: Presence: Trend: IR, NEAR INTER UNKNOWN, AS Y 120 AND JAC COUSTICALLY	EEK, HWY 120." BATS OBSERVED AND/OR CA ON 16 SEP, 1999. BAT(S) DE 69311 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: SECTION OF HWY 120 AND J SOURCE GIVES LOCATION O	PTURED ON 1 FECTED ACOU Element Site Las: Record I 1 mile 850 0.0 ACKSONVILLI NLY AS "JACK DCALITY "DON	7 JUN, ABOUT JSTICALLY ON Last Seen: t Seen: Last Updated: E RD. SONVILLE RD. V PEDRO."	300 BATS ON 22 OCT 1999. 1999-09-15 1999-09-15 2007-04-03 " MAPPED IN 999 AT "DON



California Natural Diversity Database



Mustie velore					Elomo	nt Code: AMA	2001110
Myotis volans					Lieille	III Code. AMA	5001110
long-legged myo	tis						
Listing Status:	Federal:	None		CNDDB Element Rank	s: Global:	G5	
	State:	None			State:	S3	
	Other:	IUCN_LC-Least Concern, V	VBWG_H-High P	Priority			
Habitat:	General:	MOST COMMON IN WOOI CAVES & MINES ARE NIG		ST HABITATS ABOVE 4000 FT.	TREES ARE	IMPORTANT D	AY ROOSTS;
	Micro:	NURSERY COLONIES US BUILDINGS.	UALLY UNDER I	BARK OR IN HOLLOW TREES, E	BUT OCCASI	ONALLY IN CR	EVICES OR
Occurrence No.	101	Map Index: 68800	EO Index:	69356	Element	Last Seen:	1998-06-04
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last	Seen:	1998-06-04
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record L	ast Updated:	2007-04-04
Quad Summary:	Moccasin	(3712073)					
County Summary:	Tuolumne						
Lat/Long:	37.83423 /	/ -120.34292		Accuracy:	1 mile		
UTM:	Zone-10 N	4190750 E733829		Elevation (ft):			
PLSS:	T01S, R15	5E, Sec. 20 (M)		Acres:	0.0		
Location:	VICINITY	OF DON PEDRO RESERVO	R, NEAR INTER	SECTION OF HWY 120 AND JA	CKSONVILLE	ERD.	
Detailed Location:		OCATION UNKNOWN, AS SO AS BEST ESTIMATE.	OURCE GIVES L	OCATION ONLY AS "HWY 120,	MOCCASIN	CREEK, LAKE [OON PEDRO."
Ecological:							
General:	INDIVIDU	AL(S) DETECTED IN AN ACC	DUSTIC SURVE	Y ON 4 JUN 1998.			
Owner/Manager:	UNKNOW	N					
Lasiurus cinere	eus				Eleme	nt Code: AMA	CC05030

Lasiurus cinere	eus				Elem	ent Code: AMA	CC05030
hoary bat							
Listing Status:	Federal:	None		CNDDB Element Ranl	ks: Global	l: G5	
	State:	None			State:	S4	
	Other:	IUCN_LC-Least Concern, WI	BWG_M-Mediu	m Priority			
Habitat:	General:	PREFERS OPEN HABITATS HABITAT EDGES FOR FEEI		MOSAICS, WITH ACCESS TO 1	REES FOR	COVER & OPEN	N AREAS OR
	Micro:	ROOSTS IN DENSE FOLIAG	GE OF MEDIUN	I TO LARGE TREES. FEEDS PF	RIMARILY O	N MOTHS. REQ	UIRES WATER.
Occurrence No.	72	Map Index: 66546	EO Index:	68832	Elemen	t Last Seen:	1916-04-15
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Las	st Seen:	1916-04-15
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown	Record	Last Updated:	2007-03-16
Quad Summary:	Snelling (3	3712054)					
County Summary:	Merced						
Lat/Long:	37.52083	/ -120.43925		Accuracy:	2/5 mile		
UTM:	Zone-10 N	4155733 E726301		Elevation (ft):	260		
PLSS:	T05S, R14	E, Sec. 09, N (M)		Acres:	0.0		
Location:	SNELLING	Э.					
Detailed Location:	MAPPED	ACCORDING TO LAT/LONG C	OORDINATES	S GIVEN IN MANIS, WITH UNCE	RTAINTY O	F 402.336 M.	
Ecological:							
General:	MVZ #238	99 COLLECTED BY C.A. GAL	LO AND HARR	Y S. SWARTH ON 15 APR 1916	i.		
Owner/Manager:	UNKNOW	N					

Commercial Version -- Dated July, 31 2016 -- Biogeographic Data Branch Report Printed on Monday, August 29, 2016



California Department of Fish and Wildlife



				00054			
Occurrence No.	159	Map Index: 68800	EO Index:	69354 Decouver of Futor		Element Last Seen:	1998-06-04
Occ. Rank:			Presence:	Presumed Extant		Site Last Seen:	1998-06-04
Осс. Туре:	Natural/Native occurrence Trend: Unknown Record Last Updated: 2007-04-0						
Quad Summary:	Moccasin (3	712073)					
County Summary:	Tuolumne						
Lat/Long:	37.83423 / -	120.34292		Α	ccuracy:	1 mile	
UTM:	Zone-10 N4	190750 E733829		E	levation (ft):		
PLSS:	T01S, R15E	, Sec. 20 (M)		A	cres:	0.0	
Location:	VICINITY OF DON PEDRO RESERVOIR, NEAR INTERSECTION OF HWY 120 AND JACKSONVILLE RD.						
Detailed Location:	EXACT LOCATION UNKNOWN, AS SOURCE GIVES LOCATION ONLY AS "HWY 120, MOCCASIN CREEK, LAKE DON PEDRO." MAPPED AS BEST ESTIMATE.						
Ecological:	MAPPED AS	S BEST ESTIMATE.					
General:					2		
Owner/Manager:	INDIVIDUAL(S) DETECTED IN AN ACOUSTIC SURVEY ON 4 JUN 1998. UNKNOWN						
e monimula gon							
Occurrence No.	160	Map Index: 68798	EO Index:	69355		Element Last Seen:	1999-10-22
Occ. Rank:	Unknown		Presence:	Presumed Exta	nt	Site Last Seen:	1999-10-22
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2007-04-23
Quad Summary:	Moccasin (3	712073)					
County Summary:	Tuolumne						
Lat/Long:	37.80993 / -	120.29944		А	ccuracy:	1/10 mile	
UTM:		188162 E737733			levation (ft):	850	
PLSS:		, Sec. 34, NE (M)			cres:	0.0	
Location:	SE OF MOCCASIN, ADJACENT TO HWY 49, MOCCASIN CREEK.						
Detailed Location:	MAPPED ACCORDING TO LAT/LONG COORDINATES PROVIDED BY 2004 REPORT ON LASIURUS BLOSSEVILLII. LOCALITY						
		MOCCASIN CREEK, HWY					
Ecological:							
General:	INDIVIDUAL(S) DETECTED ACOUSTICALLY ON 17 JUN, AND 22 OCT 1999.						
Owner/Manager:	UNKNOWN						
Occurrence No.	211	Map Index: 69006	EO Index:	69735		Element Last Seen:	1999-08-05
Occ. Rank:	Unknown		Presence:	Presumed Exta	nt	Site Last Seen:	1999-08-05
Occ. Type:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2007-04-19
Quad Summary:	Merced Falls (3712053), Snelling (3712054)						
County Summary:	Merced						
	37.51607 / -	120 27524		•	ccuracy:	3/5 mile	
Lat/Long: UTM:		120.37334 155361 E731965				3/5 mile 300	
PLSS:		, Sec. 12 (M)			levation (ft):	0.0	
	-					0.0	
I a a atlana	ABOUT 3.5 MILES EAST OF SNELLING, MERCED HATCHERY.						
Location:				ALITY AS "MEDO	IN DIVED EIG		CENEDAL
Detailed Location:		CATION UNKNOWN. SOUR F MERCED HATCHERY.	CE GIVES LOC	ALIT AS WERC	LD RIVER, FIC		GENERAL
			CE GIVES LOC	ALITTAS MERC	ED RIVER, FR		GENERAL
Detailed Location:	VICINITY OI		CE GIVES LOC	ALITTAS WERC	LD RIVER, HE	ITTATOTEKT. MAFFED IN	GENERAL





Lasiurus bloss	evillii				Element Code: AMA	CC05060
western red bat						
Listing Status:	Federal:	None		CNDDB Element Rar	nks: Global: G5	
	State:	None			State: S3	
	Other:	CDFW_SSC-Species of Sp	ecial Concern, Il	JCN_LC-Least Concern, WBWG	G_H-High Priority	
Habitat:	General:	ROOSTS PRIMARILY IN T FORESTS.	REES, 2-40 FT /	ABOVE GROUND, FROM SEA	LEVEL UP THROUGH MIXED	CONIFER
	Micro:	PREFERS HABITAT EDGE WITH OPEN AREAS FOR		WITH TREES THAT ARE PROT	ECTED FROM ABOVE & OPE	EN BELOW
Occurrence No.	21	Map Index: 68798	EO Index:	69353	Element Last Seen:	1999-09-16
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1999-09-16
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown	Record Last Updated:	2007-04-23
Quad Summary:	Moccasin	(3712073)				
County Summary:	Tuolumne					
Lat/Long:	37.80993 /	/ -120.29944		Accuracy:	1/10 mile	
	7000-10 N	4188162 E737733		Elevation (ft):	850	
UTM:	2010 10 1	14100102 L/3//33				
		5E, Sec. 34, NE (M)		Acres:	0.0	
PLSS:	T01S, R15	5E, Sec. 34, NE (M)	WY 49, MOCCAS			
UTM: PLSS: Location: Detailed Location:	T01S, R15 SE OF MC MAPPED	iE, Sec. 34, NE (M) DCCASIN, ADJACENT TO H ACCORDING TO LAT/LONG			0.0	CASIN
PLSS: Location: Detailed Location:	T01S, R15 SE OF MC	iE, Sec. 34, NE (M) DCCASIN, ADJACENT TO H ACCORDING TO LAT/LONG		SIN CREEK.	0.0	CASIN
PLSS: Location:	T01S, R15 SE OF MC MAPPED CREEK, H	SE, Sec. 34, NE (M) DCCASIN, ADJACENT TO H ACCORDING TO LAT/LONG WY 120." AL(S) DETECTED ACOUSTI	COORDINATES	SIN CREEK.	0.0 T. LOCALITY GIVEN AS "MOO	
PLSS: Location: Detailed Location: Ecological: General:	T01S, R15 SE OF MC MAPPED CREEK, H	ie, Sec. 34, NE (M) DCCASIN, ADJACENT TO HV ACCORDING TO LAT/LONG WY 120." AL(S) DETECTED ACOUSTI ND 16 SEP (MAXIMUM 5) 19	COORDINATES	SIN CREEK. S PROVIDED BY 2004 REPORT	0.0 T. LOCALITY GIVEN AS "MOO	
PLSS: Location: Detailed Location: Ecological:	T01S, R15 SE OF MC MAPPED / CREEK, H INDIVIDU/ WAS 1) AI	ie, Sec. 34, NE (M) DCCASIN, ADJACENT TO HV ACCORDING TO LAT/LONG WY 120." AL(S) DETECTED ACOUSTI ND 16 SEP (MAXIMUM 5) 19	COORDINATES	SIN CREEK. S PROVIDED BY 2004 REPORT	0.0 T. LOCALITY GIVEN AS "MOO	
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No.	T01S, R15 SE OF MC MAPPED, CREEK, H INDIVIDU/ WAS 1) AI UNKNOW	ie, Sec. 34, NE (M) DCCASIN, ADJACENT TO HV ACCORDING TO LAT/LONG IWY 120." AL(S) DETECTED ACOUSTI ND 16 SEP (MAXIMUM 5) 19 N	COORDINATES CALLY ON 17 JU 999.	SIN CREEK. S PROVIDED BY 2004 REPORT	0.0 T. LOCALITY GIVEN AS "MOO DND OBTAINED BY A SINGLE	DETECTOR
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	T01S, R15 SE OF MC MAPPED / CREEK, H INDIVIDU/ WAS 1) AI UNKNOW 76 Unknown	ie, Sec. 34, NE (M) DCCASIN, ADJACENT TO HV ACCORDING TO LAT/LONG IWY 120." AL(S) DETECTED ACOUSTI ND 16 SEP (MAXIMUM 5) 19 N	COORDINATES CALLY ON 17 JU 1999. EO Index:	SIN CREEK. S PROVIDED BY 2004 REPORT JN (MAXIMUM # OF DETECTIO 69734	0.0 T. LOCALITY GIVEN AS "MOO DND OBTAINED BY A SINGLE Element Last Seen:	DETECTOR 1999-08-05
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager:	T01S, R15 SE OF MC MAPPED / CREEK, H INDIVIDU/ WAS 1) AI UNKNOW 76 Unknown Natural/Na	ie, Sec. 34, NE (M) DCCASIN, ADJACENT TO HV ACCORDING TO LAT/LONG WY 120." AL(S) DETECTED ACOUSTI- ND 16 SEP (MAXIMUM 5) 19 N Map Index: 69006	EO Index: Presence: Trend:	69734 Provided Extant	0.0 T. LOCALITY GIVEN AS "MOO OND OBTAINED BY A SINGLE Element Last Seen: Site Last Seen:	DETECTOR 1999-08-05 1999-08-05
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	T01S, R15 SE OF MC MAPPED / CREEK, H INDIVIDU/ WAS 1) AI UNKNOW 76 Unknown Natural/Na	iE, Sec. 34, NE (M) DCCASIN, ADJACENT TO HV ACCORDING TO LAT/LONG WY 120." AL(S) DETECTED ACOUSTIN ND 16 SEP (MAXIMUM 5) 19 N Map Index: 69006	EO Index: Presence: Trend:	69734 Provided Extant	0.0 T. LOCALITY GIVEN AS "MOO OND OBTAINED BY A SINGLE Element Last Seen: Site Last Seen:	DETECTOR 1999-08-05 1999-08-05
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Rank: Occ. Type: Quad Summary: County Summary:	T01S, R15 SE OF MC MAPPED / CREEK, H INDIVIDU/ WAS 1) AI UNKNOW 76 Unknown Natural/Na Merced Fa Merced	iE, Sec. 34, NE (M) DCCASIN, ADJACENT TO HV ACCORDING TO LAT/LONG WY 120." AL(S) DETECTED ACOUSTIN ND 16 SEP (MAXIMUM 5) 19 N Map Index: 69006	EO Index: Presence: Trend:	69734 Provided Extant	0.0 T. LOCALITY GIVEN AS "MOO OND OBTAINED BY A SINGLE Element Last Seen: Site Last Seen:	DETECTOR 1999-08-05 1999-08-05
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	T01S, R15 SE OF MC MAPPED, CREEK, H INDIVIDU/ WAS 1) AI UNKNOW 76 Unknown Natural/Na Merced Fa Merced 37.51607 /	iE, Sec. 34, NE (M) DCCASIN, ADJACENT TO HV ACCORDING TO LAT/LONG WY 120." AL(S) DETECTED ACOUSTH ND 16 SEP (MAXIMUM 5) 19 N Map Index: 69006 ative occurrence	EO Index: Presence: Trend:	SIN CREEK. S PROVIDED BY 2004 REPORT JN (MAXIMUM # OF DETECTIO 69734 Presumed Extant Unknown	0.0 T. LOCALITY GIVEN AS "MOO DND OBTAINED BY A SINGLE Element Last Seen: Site Last Seen: Record Last Updated:	DETECTOR 1999-08-05 1999-08-05
PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM:	T01S, R15 SE OF MC MAPPED , CREEK, H INDIVIDU/ WAS 1) AI UNKNOW 76 Unknown Natural/Na Merced Fa Merced 37.51607 / Zone-10 N	iE, Sec. 34, NE (M) DCCASIN, ADJACENT TO HV ACCORDING TO LAT/LONG WY 120." AL(S) DETECTED ACOUSTINND 16 SEP (MAXIMUM 5) 19 N Map Index: 69006 Attive occurrence Alls (3712053), Snelling (3712)	EO Index: Presence: Trend:	SIN CREEK. S PROVIDED BY 2004 REPORT UN (MAXIMUM # OF DETECTION 69734 Presumed Extant Unknown	0.0 T. LOCALITY GIVEN AS "MOO DND OBTAINED BY A SINGLE Element Last Seen: Site Last Seen: Record Last Updated: 3/5 mile	DETECTOR 1999-08-05 1999-08-05
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	T01S, R15 SE OF MC MAPPED, CREEK, H INDIVIDU/ WAS 1) AI UNKNOW 76 Unknown Natural/Na Merced Fa Merced 37.51607 / Zone-10 N T05S, R14	iE, Sec. 34, NE (M) DCCASIN, ADJACENT TO HN ACCORDING TO LAT/LONG IWY 120." AL(S) DETECTED ACOUSTINN ND 16 SEP (MAXIMUM 5) 19 N Map Index: 69006 Ative occurrence Alls (3712053), Snelling (3712) 7-120.37534 14155361 E731965	COORDINATES CALLY ON 17 JU 299. EO Index: Presence: Trend: 2054)	SIN CREEK. S PROVIDED BY 2004 REPORT JN (MAXIMUM # OF DETECTION 69734 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	0.0 T. LOCALITY GIVEN AS "MOO DND OBTAINED BY A SINGLE Element Last Seen: Site Last Seen: Record Last Updated: 3/5 mile 300	DETECTOR 1999-08-05 1999-08-05
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	T01S, R15 SE OF MC MAPPED , CREEK, H INDIVIDU/ WAS 1) AI UNKNOW 76 Unknown Natural/Na Merced Fa Merced 37.51607 / Zone-10 N T05S, R14 ABOUT 3. EXACT LC	iE, Sec. 34, NE (M) DCCASIN, ADJACENT TO HN ACCORDING TO LAT/LONG WY 120." AL(S) DETECTED ACOUSTIN ND 16 SEP (MAXIMUM 5) 19 N Map Index: 69006 Ative occurrence Alls (3712053), Snelling (3712 (-120.37534 (4155361 E731965 (E, Sec. 12 (M)) 5 MILES EAST OF SNELLIN DCATION UNKNOWN. SOUF	COORDINATES CALLY ON 17 JU 999. EO Index: Presence: Trend: 2054)	SIN CREEK. S PROVIDED BY 2004 REPORT JN (MAXIMUM # OF DETECTION 69734 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	0.0 T. LOCALITY GIVEN AS "MOO DND OBTAINED BY A SINGLE Element Last Seen: Site Last Seen: Record Last Updated: 3/5 mile 300 0.0	DETECTOR 1999-08-05 1999-08-05 2007-04-19
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:	T01S, R15 SE OF MC MAPPED , CREEK, H INDIVIDU/ WAS 1) AI UNKNOW 76 Unknown Natural/Na Merced Fa Merced 37.51607 / Zone-10 N T05S, R14 ABOUT 3. EXACT LC	iE, Sec. 34, NE (M) DCCASIN, ADJACENT TO HV ACCORDING TO LAT/LONG WY 120." AL(S) DETECTED ACOUSTIN ND 16 SEP (MAXIMUM 5) 19 N Map Index: 69006 Ative occurrence alls (3712053), Snelling (3712 7 -120.37534 14155361 E731965 IE, Sec. 12 (M) 5 MILES EAST OF SNELLIN	COORDINATES CALLY ON 17 JU 999. EO Index: Presence: Trend: 2054)	SIN CREEK. S PROVIDED BY 2004 REPORT JN (MAXIMUM # OF DETECTION 69734 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: TCHERY.	0.0 T. LOCALITY GIVEN AS "MOO DND OBTAINED BY A SINGLE Element Last Seen: Site Last Seen: Record Last Updated: 3/5 mile 300 0.0	DETECTOR 1999-08-05 1999-08-05 2007-04-19
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	T01S, R15 SE OF MC MAPPED, CREEK, H INDIVIDU/ WAS 1) AI UNKNOW 76 Unknown Natural/Na Merced Fa Merced 37.51607 / Zone-10 N T05S, R14 ABOUT 3. EXACT LC VICINITY O	iE, Sec. 34, NE (M) DCCASIN, ADJACENT TO HN ACCORDING TO LAT/LONG WY 120." AL(S) DETECTED ACOUSTIN ND 16 SEP (MAXIMUM 5) 19 N Map Index: 69006 Ative occurrence Alls (3712053), Snelling (3712 (-120.37534 (4155361 E731965 (E, Sec. 12 (M)) 5 MILES EAST OF SNELLIN DCATION UNKNOWN. SOUF	COORDINATES CALLY ON 17 JU 299. EO Index: Presence: Trend: 2054) IG, MERCED HA RCE GIVES LOC	SIN CREEK. S PROVIDED BY 2004 REPORT JN (MAXIMUM # OF DETECTION 69734 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: TCHERY.	0.0 T. LOCALITY GIVEN AS "MOO DND OBTAINED BY A SINGLE Element Last Seen: Site Last Seen: Record Last Updated: 3/5 mile 300 0.0	DETECTOR 1999-08-05 1999-08-05 2007-04-19



California Natural Diversity Database



Corynorhinus a Townsend's big-e		i			Element Code: AMA	CC08010
Listing Status:	Federal:	None		CNDDB Element Ranks	s: Global: G3G4	
U	State:	Candidate Threatened			State: S2	
	Other:	BLM_S-Sensitive, CDFW_S High Priority	SC-Species of S	Special Concern, IUCN_LC-Least (Concern, USFS_S-Sensitive	e, WBWG_H-
Habitat:	General:	THROUGHOUT CALIFORM	IIA IN A WIDE V	ARIETY OF HABITATS. MOST CO	OMMON IN MESIC SITES.	
	Micro:	ROOSTS IN THE OPEN, H. SENSITIVE TO HUMAN DI		WALLS & CEILINGS. ROOSTING	SITES LIMITING. EXTREI	MELY
Occurrence No.	409	Map Index: 13392	EO Index:	93463	Element Last Seen:	1968-12-23
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1968-12-23
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2014-05-12
Quad Summary:	La Grange	: (3712064)				
County Summary:	Stanislaus					
Lat/Long:	37.66465	/ -120.46270		Accuracy:	1 mile	
UTM:	Zone-10 N	4171637 E723797		Elevation (ft):	350	
PLSS:	T03S, R14	E, Sec. 20 (M)		Acres:	0.0	
Location:	VICINITY	OF LA GRANGE, ABOUT 1.9	MI NNE OF DA	WSON LAKE DAM.		
Detailed Location:	EXACT LO	CATION UNKNOWN. MAPP	ED GENERALL	Y TO PROVIDED LOCALITY OF L	A GRANGE.	
Ecological:						
General:	1 MALE C	OLLECTED ON 23 DEC 1968	BY A. BECK (N	1VZ #174739).		
Owner/Manager:	UNKNOW	N				
Occurrence No.	560	Map Index: 93113	EO Index:	94260	Element Last Seen:	2010-10-20
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2010-10-20
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2014-08-22
Quad Summary:	Merced Fa	alls (3712053)				
County Summary:	Merced					
Lat/Long:	37.52420	/ -120.32709		Accuracy:	80 meters	
UTM:	Zone-10 N	4156383 E736204		Elevation (ft):	360	
PLSS:	T05S, R15	5E, Sec. 04, SE (M)		Acres:	0.0	
Location:	ABOUT 0. ROAD.	2 MI NE OF MERCED FALLS	DIVERSION DA	AM AND ABOUT 0.3 MI WSW OF	HORNITOS ROAD AT LAK	E MCCLURE
Detailed Location:	MAPPED	TO PROVIDED LOCATION C	N MAP. DETAIL	ED LOCALITY OF MILL RUINS.		
Ecological:	HABITAT	CONSISTED OF BUILDING F	RUINS ADJACEI	NT TO A DAMMED RIVER.		
General:	1 BAT OB	SERVED ROOSTING DURIN	G A STUDY CO	NDUCTED ON 20 OCT 2010.		
Owner/Manager:	UNKNOW	Ν				
Antrozous pall	idus				Element Code: AMA	CC10010
Listing Status:	Federal:	None		CNDDB Element Ranks	s: Global: G5	
	State:	None			State: S3	

Other:	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFS_S-Sensitive, WBWG_H-
	High Priority

 Habitat:
 General:
 DESERTS, GRASSLANDS, SHRUBLANDS, WOODLANDS & FORESTS. MOST COMMON IN OPEN, DRY HABITATS WITH ROCKY AREAS FOR ROOSTING.

Commercial Version -- Dated July, 31 2016 -- Biogeographic Data Branch



California Department of Fish and Wildlife



	Micro:	ROOSTS MUST PROTECT E ROOSTING SITES.	BATS FROM H	IIGH TEMPER	ATURES. VERY S	ENSITIVE TO DISTURBANC	EOF
Occurrence No.	210	Map Index: 66546	EO Index:	66673		Element Last Seen:	1915-05-26
Occ. Rank:	Unknown		Presence:	Presumed Ex	xtant	Site Last Seen:	1915-05-26
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown		Record Last Updated:	2006-10-03
Quad Summary:	Snelling (3	712054)					
County Summary:	Merced						
Lat/Long:	37.52083 /	-120.43925			Accuracy:	2/5 mile	
UTM:	Zone-10 N	4155733 E726301			Elevation (ft):	260	
PLSS:	T05S, R14	E, Sec. 09 (M)			Acres:	0.0	
Location:	SNELLING	<u>.</u>					
Detailed Location:	MAPPED	ACCORDING TO LAT/LONG C	OORDINATES	6 GIVEN IN MA	ANIS, WITH UNCE	RTAINTY OF 402.336 M.	
Ecological:							
General:		S COLLECTED BY JOSEPH C					
Owner/Manager:	UNKNOW	, 1 MALE & 13 UNKNOWNS C N	OLLECTED B	I CHARLES C	AIVIP, IVIVZ #22092	2-22945, 164761-164775, ON	1 20 MAT 1915.
Occurrence No.	356	Map Index: 68800	EO Index:	69314		Element Last Seen:	1999-09-15
Occurrence No. Occ. Rank:	356 Unknown	Map Index: 68800	EO Index: Presence:	69314 Presumed Ex	xtant	Element Last Seen: Site Last Seen:	1999-09-15 1999-09-15
	Unknown	Map Index: 68800			xtant		
Occ. Rank:	Unknown	tive occurrence	Presence:	Presumed Ex	xtant	Site Last Seen:	1999-09-15
Occ. Rank: Occ. Type:	Unknown Natural/Na	tive occurrence	Presence:	Presumed Ex	xtant	Site Last Seen:	1999-09-15
Occ. Rank: Occ. Type: Quad Summary:	Unknown Natural/Na Moccasin (Tuolumne	tive occurrence	Presence:	Presumed Ex	xtant Accuracy:	Site Last Seen:	1999-09-15
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Unknown Natural/Na Moccasin (Tuolumne 37.83423 /	tive occurrence (3712073)	Presence:	Presumed Ex		Site Last Seen: Record Last Updated:	1999-09-15
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Unknown Natural/Na Moccasin (Tuolumne 37.83423 / Zone-10 N	tive occurrence (3712073) -120.34292	Presence:	Presumed Ex	Accuracy:	Site Last Seen: Record Last Updated:	1999-09-15
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Unknown Natural/Na Moccasin (Tuolumne 37.83423 / Zone-10 N T01S, R15	tive occurrence (3712073) - 120.34292 4190750 E733829	Presence: Trend:	Presumed Ex Unknown	Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1 mile 0.0	1999-09-15
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Na Moccasin (Tuolumne 37.83423 / Zone-10 N T01S, R15 VICINITY (BRIDGE R THE GEN	tive occurrence (3712073) 7-120.34292 4190750 E733829 (E, Sec. 20 (M)	Presence: Trend: , NEAR INTER	Presumed E: Unknown	Accuracy: Elevation (ft): Acres: HWY 120 AND JA	Site Last Seen: Record Last Updated: 1 mile 0.0 CKSONVILLE RD. LY AS "JACKSONVILLE RD.	1999-09-15 2007-04-03
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Na Moccasin (Tuolumne 37.83423 / Zone-10 N T01S, R15 VICINITY (BRIDGE R THE GEN	tive occurrence (3712073) - 120.34292 4190750 E733829 (E, Sec. 20 (M) OF DON PEDRO RESERVOIR COOST. EXACT LOCATION UN ERAL VICINITY OF HIGHWAY	Presence: Trend: , NEAR INTER	Presumed E: Unknown	Accuracy: Elevation (ft): Acres: HWY 120 AND JA	Site Last Seen: Record Last Updated: 1 mile 0.0 CKSONVILLE RD. LY AS "JACKSONVILLE RD.	1999-09-15 2007-04-03
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Unknown Natural/Na Moccasin (Tuolumne 37.83423 / Zone-10 N T01S, R15 VICINITY (BRIDGE R THE GENE CREEK, L	tive occurrence (3712073) - 120.34292 4190750 E733829 (E, Sec. 20 (M) OF DON PEDRO RESERVOIR COOST. EXACT LOCATION UN ERAL VICINITY OF HIGHWAY	Presence: Trend: , NEAR INTER JKNOWN, AS 120 AND JAC	Presumed E: Unknown SECTION OF SOURCE GIVE KSONVILLE R	Accuracy: Elevation (ft): Acres: HWY 120 AND JA ES LOCATION ON D. INCLUDES LO	Site Last Seen: Record Last Updated: 1 mile 0.0 CKSONVILLE RD. LY AS "JACKSONVILLE RD. CALITIES "DON PEDRO" & "	1999-09-15 2007-04-03



Habitat:

Multiple Occurrences per Page

California Department of Fish and Wildlife

California Natural Diversity Database



Occurrence No.	363	Map Index: 68798	EO Index:	69350	Element Last Seen:	1999-07-14
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1999-07-14
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown	Record Last Updated	2007-04-23
Quad Summary:	Moccasin (3	3712073)				
County Summary:	Tuolumne					
Lat/Long:	37.80993 / -	120.29944		Accuracy	1/10 mile	
JTM:	Zone-10 N4	188162 E737733		Elevation	(ft): 850	
PLSS:	T01S, R15E	, Sec. 34, NE (M)		Acres:	0.0	
_ocation:	SE OF MOO	CCASIN, ADJACENT TO H	NY 49, MOCCAS	SIN CREEK.		
Detailed Location:		CCORDING TO LAT/LONG MOCCASIN CREEK, HWY		PROVIDED BY 2004 RE	PORT ON LASIURUS BLOSSEVI	LII. LOCALIT
Ecological:						
General:	INDIVIDUAL	(S) DETECTED ACOUSTI	CALLY ON 14 JL	JL 1999.		
Owner/Manager:	UNKNOWN					
Occurrence No.	391	Map Index: 69006	EO Index:	69736	Element Last Seen:	1999-08-05
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1999-08-05
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown	Record Last Updated	2007-04-19
Quad Summary:	Merced Fall	s (3712053), Snelling (3712	054)			
County Summary:	Merced					
_at/Long:		100 07504		Accuracy	3/5 mile	
av Long.	37.51607 / -	120.37534				
•		155361 E731965		Elevation	(ft): 300	
JTM:	Zone-10 N4			Elevation Acres:	(ft): 300 0.0	
JTM: PLSS:	Zone-10 N4 T05S, R14E	155361 E731965	G, MERCED HA	Acres:		
UTM: PLSS: Location:	Zone-10 N4 T05S, R14E ABOUT 3.5 EXACT LOC	155361 E731965 E, Sec. 12 (M) MILES EAST OF SNELLIN	·	Acres:		N GENERAL
UTM: PLSS: Location: Detailed Location:	Zone-10 N4 T05S, R14E ABOUT 3.5 EXACT LOC	155361 E731965 E, Sec. 12 (M) MILES EAST OF SNELLIN CATION UNKNOWN. SOUF	·	Acres:	0.0	N GENERAL
UTM: PLSS: Location: Detailed Location: Ecological:	Zone-10 N4 T05S, R14E ABOUT 3.5 EXACT LOC VICINITY O	155361 E731965 E, Sec. 12 (M) MILES EAST OF SNELLIN CATION UNKNOWN. SOUF	·	Acres:	0.0	N GENERAL
UTM: PLSS: Location: Detailed Location: Ecological: General:	Zone-10 N4 T05S, R14E ABOUT 3.5 EXACT LOC VICINITY O	155361 E731965 E, Sec. 12 (M) MILES EAST OF SNELLIN CATION UNKNOWN. SOUR F MERCED HATCHERY.	·	Acres:	0.0	N GENERAL
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Eumops perotis	Zone-10 N4 T05S, R14E ABOUT 3.5 EXACT LOC VICINITY O BAT(S) DET UNKNOWN	155361 E731965 E, Sec. 12 (M) MILES EAST OF SNELLIN CATION UNKNOWN. SOUR F MERCED HATCHERY. FECTED ON 5 AUG 1999.	·	Acres:	0.0	
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Eumops perotis western mastiff ba	Zone-10 N4 T05S, R14E ABOUT 3.5 EXACT LOC VICINITY O BAT(S) DET UNKNOWN californici	155361 E731965 E, Sec. 12 (M) MILES EAST OF SNELLIN CATION UNKNOWN. SOUR F MERCED HATCHERY. FECTED ON 5 AUG 1999.	·	Acres: TCHERY. ALITY AS "MERCED RIVE	0.0 R, FISH HATCHERY." MAPPED Element Code: AM/	
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Eumops perotis western mastiff ba Listing Status:	Zone-10 N4 T05S, R14E ABOUT 3.5 EXACT LOC VICINITY O BAT(S) DET UNKNOWN californica t Federal:	155361 E731965 E, Sec. 12 (M) MILES EAST OF SNELLIN CATION UNKNOWN. SOUR F MERCED HATCHERY. FECTED ON 5 AUG 1999.	·	Acres:	0.0 R, FISH HATCHERY." MAPPED Element Code: AM/	

General: MANY OPEN, SEMI-ARID TO ARID HABITATS, INCLUDING CONIFER & DECIDUOUS WOODLANDS, COASTAL SCRUB, GRASSLANDS, CHAPARRAL ETC

Micro: ROOSTS IN CREVICES IN CLIFF FACES, HIGH BUILDINGS, TREES & TUNNELS.



California Department of Fish and Wildlife



Occurrence No.	18	Map Index: 31659	EO Index:	2316	Element Last Seen:	1995-02-24
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1995-02-24
Occ. Type:	Natural/Nativ	/e occurrence	Trend:	Unknown	Record Last Updated:	2006-09-27
Quad Summary:	Keystone (37	712075), Knights Ferry (3712	2076)		· · ·	
County Summary:	Calaveras, T	,				
Lat/Long:	37.86230 / -1	120 62991		Accuracy	r: nonspecific area	
UTM:		193184 E708490		Elevation		
PLSS:	T01S, R12E,	, Sec. 10, E (M)		Acres:	107.0	
Location:		TABLE MOUNTAIN, BOTH	SIDES OF ST	ANISLAUS RIVER.		
Detailed Location:		,			WIN DAM. MAPPED AS THREE PO	DLYGONS
		STANISLAUS RIVER IN TH				
Ecological:					AND AND ANNUAL GRASSLAND.	
General:		S UNKNOWN; PROBABLY I			NOV 1994. SEASON OF USE & NUI 1995.	VIDERS OF
Owner/Manager:	PVT					
Occurrence No.	217	Map Index: 68798	EO Index:	69351	Element Last Seen:	1999-09-16
Occ. Rank:	Unknown	•	Presence:	Presumed Extant	Site Last Seen:	1999-09-16
Осс. Туре:	Natural/Nativ	/e occurrence	Trend:	Unknown	Record Last Updated:	2007-04-23
Quad Summary:	Moccasin (37	712073)				
County Summary:	Tuolumne					
Lat/Long:	37.80993 / -1	120.29944		Accuracy	<i>r</i> : 1/10 mile	
UTM:	Zone-10 N41	188162 E737733		Elevation	(ft): 850	
PLSS:	T01S, R15E,	, Sec. 34, NE (M)		Acres:	0.0	
Location:	SE OF MOC	CASIN, ADJACENT TO HW	Y 49, MOCCAS	SIN CREEK.		
Detailed Location:		CORDING TO LAT/LONG C MOCCASIN CREEK, HWY 1		PROVIDED BY 2004 RE	PORT ON LASIURUS BLOSSEVILI	LII. LOCALITY
Ecological:						
General:	INDIVIDUAL	(S) DETECTED ACOUSTIC	ALLY ON 14 JU	JL, 14 AUG AND 16 SEP	1999.	
Owner/Manager:	UNKNOWN					
Occurrence No.	218	Map Index: 68800	EO Index:	69352	Element Last Seen:	1998-06-04
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1998-06-04
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2007-04-04
Quad Summary:	Moccasin (37	712073)				
County Summary:	Tuolumne					
Lat/Long:	37.83423 / -1	120.34292		Accuracy	v: 1 mile	
UTM:	Zone-10 N41	190750 E733829		Elevation	ı (ft):	
PLSS:	T01S, R15E,	, Sec. 20 (M)		Acres:	0.0	
Location:	VICINITY OF	DON PEDRO RESERVOIR	R, NEAR INTER	SECTION OF HWY 120 A	AND JACKSONVILLE RD.	
Detailed Location:		-	JRCE GIVES L	OCATION ONLY AS "HW	Y 120, MOCCASIN CREEK, LAKE	DON PEDRO."
Ecological:	MAPPED AS	S BEST ESTIMATE.				
General:	INDIVIDUAI	(S) DETECTED IN AN ACOU	USTIC SURVF	Y ON 4 JUN 1998.		
Owner/Manager:	UNKNOWN	(-,				



California Natural Diversity Database



Perognathus in	nornatus				Element Code: AMA	FD01060
San Joaquin Poc	ket Mouse					
Listing Status:	Federal:	None		CNDDB Element Ran	ks: Global: G2G3	
	State:	None			State: S2S3	
	Other:	BLM_S-Sensitive				
Habitat:	General:			SCRUBLAND IN THE SOUTHEI JACENT FOOTHILLS, SOUTH 1		SALINAS
	Micro:	ASSOCIATED WITH FINE-	TEXTURED, SA	NDY, FRIABLE SOILS.		
Occurrence No.	38	Map Index: 13445	EO Index:	23927	Element Last Seen:	1915-05-29
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1915-05-29
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	1989-08-10
Quad Summary:	Snelling (3	5712054)				
County Summary:	Merced					
Lat/Long:	37.52021 /	/ -120.43852		Accuracy:	1 mile	
UTM:	Zone-10 N	4155666 E726367		Elevation (ft):		
PLSS:	T05S, R14	E, Sec. 09 (M)		Acres:	0.0	
Location:	SNELLING	.				
Detailed Location:						
Ecological:						
General:	MVZ #225	35.				
Owner/Manager:	UNKNOW	Ν				
Occurrence No.	98	Map Index: 47687	EO Index:	47687	Element Last Seen:	2001-05-18
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2001-05-18
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown	Record Last Updated:	2007-02-02
Quad Summary:	Snelling (3	3712054)				
County Summary:	Merced					
Lat/Long:	37.55824 /	/ -120.39492		Accuracy:	80 meters	
UTM:	Zone-10 N	4159992 E730104		Elevation (ft):	340	
PLSS:	T04S, R14	E, Sec. 26, NE (M)		Acres:	0.0	
Location:	3.6 MILES	NE OF SNELLING.				
Detailed Location:	SITE RITO					
Ecological:	HABITAT	CONSISTS OF ANNUAL GR	ASSLAND. SOIL	TYPE: IONE. MERCED K-RAT	ALSO CAPTURED AT THIS	SITE.
General:				HE LARGE TRACTS OF SUITA	ABLE UNFRAGMENTED HAB	ITAT IN
Owner/Manager:		IARDS RANCH				
Dipodomys here Merced kangaroo Listing Status:	o rat	xoni None		CNDDB Element Rar	Element Code: AMA	FD03062

°,					
Listing Status:	Federal:	None	CNDDB Element Ranks:	Global:	G3G4T2T3
	State:	None		State:	S2S3
	Other:				
Habitat:	General:	GRASSLAND AND SAVANNA COMMUNITIES IN E	ASTERN MERCED & STAN	ISLAUS C	OUNTIES.
	Micro:	NEEDS FINE, DEEP, WELL-DRAINED SOIL FOR B GRASSES.	URROWING. GRANIVORO	US, BUT A	ALSO EATS FORBS & GREEN

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- Callon						
Occurrence No.	5	Map Index: 13445	EO Index:	23914	Element Last Seen:	1915-01-09
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1915-01-09
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2007-05-09
Quad Summary:	Snelling (371	2054)				
County Summary:	Merced					
Lat/Long:	37.52021 / -1	120.43852		Accuracy:	1 mile	
UTM:	Zone-10 N41	155666 E726367		Elevation (ft):	200	
PLSS:	T05S, R14E,	, Sec. 09, N (M)		Acres:	0.0	
Location:	SNELLING.					
Detailed Location:						
Ecological:						
General:	5 MALE AND	3 FEMALE SPECIMENS	(MVZ #21839, 2	1841-21847) COLLECTED BY C	HARLES L. CAMP ON 6-7 &	9 JAN 1915.
•	5 MALE ANE UNKNOWN	3 FEMALE SPECIMENS	(MVZ #21839, 2	1841-21847) COLLECTED BY C	HARLES L. CAMP ON 6-7 &	9 JAN 1915.
General:		Map Index: 13392	(MVZ #21839, 2 EO Index:	1841-21847) COLLECTED BY C	HARLES L. CAMP ON 6-7 & Element Last Seen:	9 JAN 1915. 1915-12-19
General: Owner/Manager:	UNKNOWN		`			
General: Owner/Manager: Occurrence No.	UNKNOWN 6 Unknown		EO Index:	5627	Element Last Seen:	1915-12-19
General: Owner/Manager: Occurrence No. Occ. Rank:	UNKNOWN 6 Unknown	Map Index: 13392	EO Index: Presence:	5627 Presumed Extant	Element Last Seen: Site Last Seen:	1915-12-19 1915-12-19
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	UNKNOWN 6 Unknown Natural/Nativ	Map Index: 13392	EO Index: Presence:	5627 Presumed Extant	Element Last Seen: Site Last Seen:	1915-12-19 1915-12-19
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	UNKNOWN 6 Unknown Natural/Nativ La Grange (3	Map Index: 13392 /e occurrence 3712064)	EO Index: Presence:	5627 Presumed Extant	Element Last Seen: Site Last Seen:	1915-12-19 1915-12-19
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	UNKNOWN 6 Unknown Natural/Nativ La Grange (3 Stanislaus 37.66465 / -1	Map Index: 13392 /e occurrence 3712064)	EO Index: Presence:	5627 Presumed Extant Unknown	Element Last Seen: Site Last Seen: Record Last Updated:	1915-12-19 1915-12-19
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	UNKNOWN 6 Unknown Natural/Nativ La Grange (3 Stanislaus 37.66465 / -1 Zone-10 N41	Map Index: 13392 /e occurrence 3712064) 120.46270	EO Index: Presence:	5627 Presumed Extant Unknown Accuracy:	Element Last Seen: Site Last Seen: Record Last Updated: 1 mile	1915-12-19 1915-12-19
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	UNKNOWN 6 Unknown Natural/Nativ La Grange (3 Stanislaus 37.66465 / -1 Zone-10 N41	Map Index: 13392 // e occurrence 3712064) 120.46270 171637 E723797 , Sec. 20, NW (M)	EO Index: Presence:	5627 Presumed Extant Unknown Accuracy: Elevation (ft):	Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 350	1915-12-19 1915-12-19
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	UNKNOWN 6 Unknown Natural/Nativ La Grange (3 Stanislaus 37.66465 / -1 Zone-10 N41 T03S, R14E,	Map Index: 13392 // e occurrence 3712064) 120.46270 171637 E723797 , Sec. 20, NW (M)	EO Index: Presence:	5627 Presumed Extant Unknown Accuracy: Elevation (ft):	Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 350	1915-12-19 1915-12-19
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	UNKNOWN 6 Unknown Natural/Nativ La Grange (3 Stanislaus 37.66465 / -1 Zone-10 N41 T03S, R14E,	Map Index: 13392 // e occurrence 3712064) 120.46270 171637 E723797 , Sec. 20, NW (M)	EO Index: Presence:	5627 Presumed Extant Unknown Accuracy: Elevation (ft):	Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 350	1915-12-19 1915-12-19
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	UNKNOWN 6 Unknown Natural/Nativ La Grange (3 Stanislaus 37.66465 / -1 Zone-10 N41 T03S, R14E, LA GRANGE	Map Index: 13392 /e occurrence 3712064) 120.46270 171637 E723797 , Sec. 20, NW (M) E. ECIMENS (MVZ #23611-23	EO Index: Presence: Trend: 612) COLLECTE	5627 Presumed Extant Unknown Accuracy: Elevation (ft):	Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 350 0.0	1915-12-19 1915-12-19 2007-05-09



California Department of Fish and Wildlife



Occurrence No.	18	Map Index: 47715	EO Index:	47715		Element Last Seen:	2004-05-06
Occ. Rank:	Unknown	p	Presence:	Presumed Extant		Site Last Seen:	2004-05-06
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown		Record Last Updated:	2007-05-09
Quad Summary:	Merced Falls	(3712053)					
County Summary:	Merced						
Lat/Long:	37.54685 / -1	20.36103		Accura	acy:	80 meters	
UTM:	Zone-10 N41	58812 E733134		Elevat	ion (ft):	375	
PLSS:	T04S, R15E,	Sec. 31, NE (M)		Acres:		0.0	
Location:	0.2 MILE NW	OF KELSY RESERVOIR,	2.3 MILES NW	OF MERCED FALLS.			
Detailed Location:	OF LOCATIO		STATED AS AL			RVEY FORM LIES APPROX CCORDING TO FIELD SUR	
Ecological:	HABITAT CC	NSISTS OF ANNUAL GRA	SSLAND. SOIL	TYPE: MARIPOSA.			
General:	REGIONAL S		TO THE CONS			. THE EASTERN MERCED 2 MALE AND 5 FEMALE SP	
Owner/Manager:	PVT-KELSE	Y RANCH					
Occurrence No.	19	Map Index: 47687	EO Index:	47716		Element Last Seen:	2001-05-18
Occ. Rank:	Unknown		Presence:	Presumed Extant		Site Last Seen:	2001-05-18
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown		Record Last Updated:	2007-02-02
Quad Summary:	Snelling (371	2054)					
County Summary:	Merced						
Lat/Long:	37.55824 / -1	20.39492		Accura	асу:	80 meters	
UTM:	Zone-10 N41	59992 E730104		Elevat	ion (ft):	340	
PLSS:	T04S, R14E,	Sec. 26, NE (M)		Acres:	:	0.0	
Location:	3.6 MILES N	E OF SNELLING.					
Detailed Location:	SITE RIT05.						
Ecological:	HABITAT CO SITE.	DNSISTS OF ANNUAL GRA	SSLAND. SOIL	TYPE: IONE. SAN JO	AQUIN PC	OCKET MOUSE ALSO CAPT	URED AT THIS
General:		FEMALE CAPTURED ON SERVATION OF THIS SPI		THE EASTERN MERCE	ED COUN	TY REGIONAL STUDY ARE	A IS CRITICAL
Owner/Manager:	PVT-RICHAF	RDS RANCH					



California Department of Fish and Wildlife



Occurrence No.	20	Map Index: 47717	EO Index:	47717	Element Last Seen:	2001-05-22
Occ. Rank:	Unknown	•	Presence:	Presumed Extant	Site Last Seen:	2001-05-22
Occ. Type:	Natural/Native	e occurrence	Trend:	Unknown	Record Last Updated:	2007-02-06
Quad Summary:	Merced Falls	(3712053)				
County Summary:	Merced					
Lat/Long:	37.54121 / -12	20.37404		Accuracy:	80 meters	
UTM:	Zone-10 N415	58154 E732002		Elevation (ft):	415	
PLSS:	T04S, R14E,	Sec. 36, SE (M)		Acres:	0.0	
Location:	0.8 MILE WES	ST OF KELSEY RESERVO	DIR, 2.7 MILES	ENE OF MERCED FALLS.		
Detailed Location:	SITE KET12.	LOCATION MAPPED IN T	HE NE 1/4 OF ⁻	THE SE 1/4 SECTION 36.		
Ecological:	HABITAT CO	NSISTS OF GRAZED ANN	IUAL GRASSLA	ND. SOIL TYPE: IONE.		
General:				IRED ALONG DIRT ROAD ON 2		MERCED
Owner/Manager:	PVT-KELSEY		CRITICAL TO I	HE CONSERVATION OF THIS	SPECIES.	
Occurrence No.	21	Map Index: 47718	EO Index:	47718	Element Last Seen:	2001-05-22
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2001-05-22
Осс. Туре:	Natural/Native	e occurrence	Trend:	Unknown	Record Last Updated:	2007-02-02
Quad Summary:	Merced Falls	(3712053)				
County Summary:	Merced					
Lat/Long:	37.55683 / -12	20.34731		Accuracy:	80 meters	
UTM:	Zone-10 N415	59954 E734315		Elevation (ft):	414	
PLSS:	T04S, R15E,	Sec. 29, SW (M)		Acres:	0.0	
Location:	0.9 MILE NNE	OF KELSEY RESERVOI	R, 2.5 MILES NI	NE OF MERCED FALLS.		
Detailed Location:	SITE KET09.					
Ecological:	HABITAT CO	NSISTS OF GRAZED ANN	IUAL GRASSLA	ND. SOIL TYPE: MARIPOSA.		
Ecological: General:	3 ADULT FEN	ALES, 2 ADULT MALES,	AND 1 JUVENI	LE CAPTURED ALONG A DIRT		E EASTERN
General:	3 ADULT FEN	/ALES, 2 ADULT MALES, UNTY REGIONAL STUDY	AND 1 JUVENI			E EASTERN
General:	3 ADULT FEN MERCED CO	/ALES, 2 ADULT MALES, UNTY REGIONAL STUDY RANCH	AND 1 JUVENI	LE CAPTURED ALONG A DIRT		E EASTERN 2006-03-31
General: Owner/Manager: Occurrence No.	3 ADULT FEN MERCED CO PVT-KELSEY	/ALES, 2 ADULT MALES, UNTY REGIONAL STUDY	AND 1 JUVENI AREA IS CRIT	LE CAPTURED ALONG A DIRT ICAL TO THE CONSERVATION	OF THIS SPECIES.	
General: Owner/Manager: Occurrence No. Occ. Rank:	3 ADULT FEN MERCED CO PVT-KELSEY 22	MALES, 2 ADULT MALES, UNTY REGIONAL STUDY RANCH Map Index: 69702	AND 1 JUVENI AREA IS CRIT EO Index:	LE CAPTURED ALONG A DIRT ICAL TO THE CONSERVATION 68268	OF THIS SPECIES. Element Last Seen:	2006-03-31
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	3 ADULT FEN MERCED CO PVT-KELSEY 22 Good	MALES, 2 ADULT MALES, UNTY REGIONAL STUDY RANCH Map Index: 69702	AND 1 JUVENI AREA IS CRIT EO Index: Presence:	LE CAPTURED ALONG A DIRT ICAL TO THE CONSERVATION 68268 Presumed Extant	OF THIS SPECIES. Element Last Seen: Site Last Seen:	2006-03-31 2006-03-31
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	3 ADULT FEN MERCED CO PVT-KELSEY 22 Good Natural/Native	MALES, 2 ADULT MALES, UNTY REGIONAL STUDY RANCH Map Index: 69702	AND 1 JUVENI AREA IS CRIT EO Index: Presence:	LE CAPTURED ALONG A DIRT ICAL TO THE CONSERVATION 68268 Presumed Extant	OF THIS SPECIES. Element Last Seen: Site Last Seen:	2006-03-31 2006-03-31
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	3 ADULT FEN MERCED CO PVT-KELSEY 22 Good Natural/Native La Grange (37	MALES, 2 ADULT MALES, UNTY REGIONAL STUDY RANCH Map Index: 69702 occurrence 712064)	AND 1 JUVENI AREA IS CRIT EO Index: Presence:	LE CAPTURED ALONG A DIRT ICAL TO THE CONSERVATION 68268 Presumed Extant	OF THIS SPECIES. Element Last Seen: Site Last Seen:	2006-03-31 2006-03-31
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	3 ADULT FEN MERCED CO PVT-KELSEY 22 Good Natural/Native La Grange (37 Tuolumne 37.66809 / -12	MALES, 2 ADULT MALES, UNTY REGIONAL STUDY RANCH Map Index: 69702 coccurrence 712064)	AND 1 JUVENI AREA IS CRIT EO Index: Presence:	LE CAPTURED ALONG A DIRT ICAL TO THE CONSERVATION 68268 Presumed Extant Unknown	OF THIS SPECIES. Element Last Seen: Site Last Seen: Record Last Updated:	2006-03-31 2006-03-31
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	3 ADULT FEN MERCED CO PVT-KELSEY 22 Good Natural/Native La Grange (37 Tuolumne 37.66809 / -12 Zone-10 N417	MALES, 2 ADULT MALES, UNTY REGIONAL STUDY RANCH Map Index: 69702 coccurrence 712064) 20.40554	AND 1 JUVENI AREA IS CRIT EO Index: Presence:	LE CAPTURED ALONG A DIRT ICAL TO THE CONSERVATION 68268 Presumed Extant Unknown Accuracy:	OF THIS SPECIES. Element Last Seen: Site Last Seen: Record Last Updated: 80 meters	2006-03-31 2006-03-31
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	3 ADULT FEN MERCED CO PVT-KELSEY 22 Good Natural/Native La Grange (37 Tuolumne 37.66809 / -12 Zone-10 N417 T03S, R14E, 3	MALES, 2 ADULT MALES, UNTY REGIONAL STUDY RANCH Map Index: 69702 coccurrence 712064) 20.40554 72157 E728829 Sec. 14, SE (M)	AND 1 JUVENI AREA IS CRIT EO Index: Presence: Trend:	LE CAPTURED ALONG A DIRT ICAL TO THE CONSERVATION 68268 Presumed Extant Unknown Accuracy: Elevation (ft):	OF THIS SPECIES. Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 600 0.0	2006-03-31 2006-03-31
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	3 ADULT FEN MERCED CO PVT-KELSEY 22 Good Natural/Native La Grange (37 Tuolumne 37.66809 / -12 Zone-10 N417 T03S, R14E, 3 GASBURG C	MALES, 2 ADULT MALES, UNTY REGIONAL STUDY RANCH Map Index: 69702 coccurrence 712064) 20.40554 72157 E728829 Sec. 14, SE (M)	AND 1 JUVENI AREA IS CRIT EO Index: Presence: Trend:	LE CAPTURED ALONG A DIRT ICAL TO THE CONSERVATION 68268 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: ILES DIRECTLY EAST OF LA G	OF THIS SPECIES. Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 600 0.0	2006-03-31 2006-03-31
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	3 ADULT FEN MERCED CO PVT-KELSEY 22 Good Natural/Native La Grange (37 Tuolumne 37.66809 / -12 Zone-10 N417 T03S, R14E, 3 GASBURG CI LOCATION M	MALES, 2 ADULT MALES, UNTY REGIONAL STUDY RANCH Map Index: 69702 coccurrence 712064) 20.40554 72157 E728829 Sec. 14, SE (M) REEK BANK. ALONG DUN	AND 1 JUVENI AREA IS CRIT EO Index: Presence: Trend: IN CREEK, 3 M	LE CAPTURED ALONG A DIRT ICAL TO THE CONSERVATION 68268 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: IILES DIRECTLY EAST OF LA G /EN.	OF THIS SPECIES. Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 600 0.0	2006-03-31 2006-03-31
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	3 ADULT FEN MERCED CO PVT-KELSEY 22 Good Natural/Native La Grange (37 Tuolumne 37.66809 / -12 Zone-10 N417 T03S, R14E, 3 GASBURG CI LOCATION M HABITAT CO	MALES, 2 ADULT MALES, UNTY REGIONAL STUDY RANCH Map Index: 69702 e occurrence 712064) 20.40554 72157 E728829 Sec. 14, SE (M) REEK BANK. ALONG DUN IAPPED USING GPS COO NSISTS OF A RIPARIAN F	AND 1 JUVENI AREA IS CRIT EO Index: Presence: Trend: NN CREEK, 3 M PRDINATES GIV	LE CAPTURED ALONG A DIRT ICAL TO THE CONSERVATION 68268 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: IILES DIRECTLY EAST OF LA G /EN.	OF THIS SPECIES. Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 600 0.0 RANGE.	2006-03-31 2006-03-31



California Department of Fish and Wildlife



Occurrence No.	23	Map Index: 69213	EO Index:	69992		Element Last Seen:	1915-05-28
Occ. Rank:	Unknown		Presence:	Presumed Extant		Site Last Seen:	1915-05-28
Occ. Type:	Natural/Nativ	e occurrence	Trend:	Unknown		Record Last Updated:	2007-05-09
Quad Summary:	Havstack Mtr	n. (3712043), Merced Falls (3712053)				
County Summary:	Merced		,				
Lat/Long:	37.50196 / -1	20.32945		Accura	cy:	2/5 mile	
UTM:	Zone-10 N41	53909 E736065		Elevatio	on (ft):	400	
PLSS:	T05S, R15E,	Sec. 16 (M)		Acres:		0.0	
Location:	SSW OF INT FALLS.	ERSECTION OF MERCED	RIVER AND M	ARIPOSA/MERCED CC	OUNTY LIN	NE, 1.5 MILES SOUTH OF N	IERCED
Detailed Location:		CORDING TO LOCATION I	DESCRIPTION	AND LAT/LONG COOF	RDINATES	WITH UNCERTAINTY OF	4828.032 M (3
Ecological:							
General:	1 FEMALE S	PECIMEN (MVZ #22541) C	OLLECTED BY	CHARLES L. CAMP O	N 28 MAY	1915.	
Owner/Manager:	UNKNOWN						
0				60002			
Occurrence No.	24	Map Index: 43378	EO Index:	69993		Element Last Seen:	1915-01-09
Occurrence No. Occ. Rank:	24 Unknown	Map Index: 43378	EO Index: Presence:	Presumed Extant		Element Last Seen: Site Last Seen:	1915-01-09 1915-01-09
		·					
Occ. Rank:	Unknown	e occurrence	Presence:	Presumed Extant		Site Last Seen:	1915-01-09
Occ. Rank: Occ. Type: Quad Summary:	Unknown Natural/Nativ	e occurrence	Presence:	Presumed Extant		Site Last Seen:	1915-01-09
Occ. Rank: Occ. Type:	Unknown Natural/Native Snelling (371	e occurrence 2054)	Presence:	Presumed Extant	cy:	Site Last Seen:	1915-01-09
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Unknown Natural/Nativ Snelling (371 Merced 37.59165 / -1	e occurrence 2054)	Presence:	Presumed Extant Unknown	•	Site Last Seen: Record Last Updated:	1915-01-09
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Unknown Natural/Nativ Snelling (371 Merced 37.59165 / -1	e occurrence 2054) 20.43838 63594 E726164	Presence:	Presumed Extant Unknown Accura	•	Site Last Seen: Record Last Updated: 1 mile	1915-01-09
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Unknown Natural/Nativ Snelling (371 Merced 37.59165 / -1 Zone-10 N41 T04S, R14E,	e occurrence 2054) 20.43838 63594 E726164	Presence:	Presumed Extant Unknown Accura Elevatio	•	Site Last Seen: Record Last Updated: 1 mile 320	1915-01-09
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Nativ Snelling (371 Merced 37.59165 / -1 Zone-10 N41 T04S, R14E, 5 MILES NOR MAPPED AC	e occurrence 2054) 20.43838 63594 E726164 Sec. 16 (M) RTH OF SNELLING.	Presence: Trend:	Presumed Extant Unknown Accura Elevatio Acres:	on (ft):	Site Last Seen: Record Last Updated: 1 mile 320	1915-01-09 2007-05-09
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Nativ Snelling (371 Merced 37.59165 / -1 Zone-10 N41 T04S, R14E, 5 MILES NOR MAPPED AC	e occurrence 2054) 20.43838 63594 E726164 Sec. 16 (M) RTH OF SNELLING. CORDING TO LOCATION I	Presence: Trend:	Presumed Extant Unknown Accura Elevatio Acres:	on (ft):	Site Last Seen: Record Last Updated: 1 mile 320 0.0	1915-01-09 2007-05-09
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Unknown Natural/Nativ Snelling (371 Merced 37.59165 / -1 Zone-10 N41 T04S, R14E, 5 MILES NOF MAPPED AC (1.25 MI) PRO 1 MALE AND	e occurrence 2054) 20.43838 63594 E726164 Sec. 16 (M) RTH OF SNELLING. CORDING TO LOCATION I OVIDED BY MANIS.	Presence: Trend:	Presumed Extant Unknown Accura Elevatio Acres: AND LAT/LONG COOF	on (ft):	Site Last Seen: Record Last Updated: 1 mile 320 0.0	1915-01-09 2007-05-09 2011.68 M



California Department of Fish and Wildlife



Vulpes macroti San Joaquin kit fo						Eleme	nt Code: AMA	JA03041
Listing Status:	Federal:	Endangered		CNDDB Element R	anks:	Global:	G4T2	
Ū	State:	Threatened				State:	S2	
	Other:							
Habitat:	General:	ANNUAL GRASSLANDS O	R GRASSY OPE	EN STAGES WITH SCATTER	ED SHR	UBBY V	EGETATION.	
	Micro:	NEED LOOSE-TEXTURED	SANDY SOILS	FOR BURROWING, AND SUI	TABLE F	PREY BA	ASE.	
Occurrence No.	192	Map Index: 55676	EO Index:	55676	E	Element	Last Seen:	1973-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed Extant	S	Site Last	Seen:	1973-XX-XX
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	R	Record L	ast Updated:	2007-08-22
Quad Summary:	La Grange	: (3712064)						
County Summary:	Stanislaus							
Lat/Long:	37.65603 /	/ -120.46715		Accuracy:	nor	nspecific	area	
UTM:	Zone-10 N	4170670 E723430		Elevation (ft)	: 300	C		
PLSS:	T03S, R14	E, Sec. 19, SE (M)		Acres:	160	0.9		
Location:	ABOUT 0. SITE.	75 MI SOUTH OF LA GRANG	SE. SOUTH OF S	SR 132. NORTHEAST OF DA	WSON L	AKE. CO	DUNTY OHV R	ECREATION
Detailed Location:	THIS SIGH	HTING WAS PUBLISHED IN A	AN APPENDIX L	ETTER FOR COUNTY TRAN	SPORT	ATION P	LAN - EIR IN 1	974 OR 1975.
Ecological:		TRUCTION SITES. THE SITE		DREDGED IN PAST AND BO OR CATTLE GRAZING WHEN				
General:	8/9/1972: (ONE INDIVIDUAL OF UNKNO	OWN AGE SIGH	TED. TWO SIGHTED IN 1973	BY DAM	N WILLIA	MS.	
Owner/Manager:	UNKNOW	N						





Taxidea taxus					Eleme	ent Code: AMA	JF04010
American badger		Neze		CNDDD Flow and Banks	Olahal	05	
Listing Status:	Federal:	None		CNDDB Element Ranks			
	State:	None			State:	S3	
	Other:	CDFW_SSC-Species of Spe		—			
Habitat:	General:	FRIABLE SOILS.	R OPEN STAG	ES OF MOST SHRUB, FOREST, A	AND HERB	ACEOUS HABII	AIS, WITH
	Micro:	NEEDS SUFFICIENT FOOD RODENTS. DIGS BURROV), FRIABLE SOI VS.	LS & OPEN, UNCULTIVATED GR	OUND. PR	EYS ON BURR	OWING
Occurrence No.	324	Map Index: 57690	EO Index:	57706	Element	Last Seen:	XXXX-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Las	t Seen:	XXXX-XX-XX
Occ. Type:	Natural/Na	tive occurrence	Trend:	Unknown	Record	Last Updated:	2004-10-26
Quad Summary:	Snelling (3	712054), La Grange (3712064	4)				
County Summary:	Stanislaus						
Lat/Long:	37.63479/	-120.46217		Accuracy:	1 mile		
UTM:	Zone-10 N	4168325 E723933		Elevation (ft):	400		
PLSS:	T03S, R14	E, Sec. 32 (M)		Acres:	0.0		
Location:	2 MILES S	OUTH OF LA GRANGE.					
Detailed Location:	LOCATION	N MAPPED IN VICINITY OF E	VANS CREEK,	SE OF DAWSON LAKE.			
Ecological:							
General:	1 COLLEC	TED, CSCS (CALIF STATE L	INIV, STANISLA	NUS).			
Owner/Manager:	UNKNOWI	N					
Emys marmora	nta				Eleme	ent Code: ARA	AD02030
western pond tur							
Listing Status:		None		CNDDB Element Ranks	: Global:	G3G4	
	State:	None			State:	S3	
	Other:	BLM_S-Sensitive, CDFW_S	SC-Species of S	Special Concern, IUCN_VU-Vulner	able, USFS	_S-Sensitive	
Habitat:	General:			ONDS, MARSHES, RIVERS, STR BELOW 6000 FT ELEVATION.	EAMS & IR	RIGATION DITC	CHES,
	Micro:		D SUITABLE (S	ANDY BANKS OR GRASSY OPEI	N FIELDS) l	JPLAND HABIT	AT UP TO 0.5



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Occurrence No.	52	Map Index: 32808	EO Index:	12429		Element Last Seen:	1988-08-14
Occ. Rank:	Unknown	•	Presence:	Presumed E	xtant	Site Last Seen:	1988-08-14
Осс. Туре:	Natural/Native	e occurrence	Trend:	Unknown		Record Last Updated:	1996-02-22
Quad Summary:	Moccasin (37	12073)					
County Summary:	Tuolumne						
Lat/Long:	37.78990 / -12	20.27962			Accuracy:	1/5 mile	
UTM:	Zone-10 N418	35990 E739544			Elevation (ft):	1060	
PLSS:	T02S, R15E,	Sec. 02 (M)			Acres:	0.0	
Location:	MOCCASIN C	REEK, 2.5 MILES SOUTH	H OF HIGHWAY	120 ON HIGH	IWAY 49.		
Detailed Location:							
Ecological:							
General:	14 CAPTURE	D, 11 RELEASED & 3 RE	TAINED BY D.C	. HOLLAND O	N 14 AUGUST 198	88.	
Owner/Manager:	UNKNOWN						
Occurrence No.	54	Map Index: 32810	EO Index:	1894		Element Last Seen:	XXXX-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	xxxx-xx-xx
Осс. Туре:	Natural/Native	e occurrence	Trend:	Unknown		Record Last Updated:	1996-02-23
Quad Summary:	Penon Blanco	Peak (3712063)				-	
County Summary:	Mariposa	· · · · ·					
Lat/Long:	37.71025 / -12	20.33322			Accuracy:	specific area	
UTM:	Zone-10 N417	77015 E735075			Elevation (ft):	1110	
PLSS:	T03S, R15E,	Sec. 04 (M)			Acres:	338.2	
Location:	PINEY CREE	K, NORTH OF LAKE MCC	LURE AND EAS	ST OF DON PE	EDRO RESERVOI	R.	
Detailed Location:							
Ecological:							
General:	DFG COLLEC	TED TURTLES NORTH A	AND SOUTH OF	HIGHWAY 13	32 ON PINEY CRE	EK. DATE UNKNOWN.	
Owner/Manager:	UNKNOWN						
Occurrence No.	197	Map Index: 47876	EO Index:	47876		Element Last Seen:	2001-05-02
Occ. Rank:	Fair		Presence:	Presumed E	xtant	Site Last Seen:	2001-05-02
Occ. Type:	Natural/Native	e occurrence	Trend:	Unknown		Record Last Updated:	2007-02-15
Quad Summary:	Merced Falls	(3712053)					
County Summary:	Merced	· · ·					
Lat/Long:	37.58182 / -12	20.36564			Accuracy:	80 meters	
UTM:	Zone-10 N416	62682 E732617			Elevation (ft):	400	
					Acres:	0.0	
PLSS:	T04S, R15E,						
PLSS: Location:	, ,	5 MILES WEST OF LAKE	MCCLURE.				
	DRY CREEK,	5 MILES WEST OF LAKE		OF THE SW 1	1/4 SECTION 18. L	OCATION MAPPED USING	DIGITAL DATA.
Location:	DRY CREEK, SITE ID: KEL HABITAT CO	5 MILES WEST OF LAKE	N THE SE 1/4 SLOW-MOVING	G CREEK WIT	H SMALL POOLS.	THIS SITE HAS MUCH VEG	-
Location: Detailed Location:	DRY CREEK, SITE ID: KEL HABITAT CO COVERAGE	5 MILES WEST OF LAKE A04. LOCATION MAPPED NSISTS OF A SHALLOW,) IN THE SE 1/4 SLOW-MOVING ES. SURROUN	G CREEK WIT DING AREA IS	H SMALL POOLS.	THIS SITE HAS MUCH VEG	-



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Occurrence No.	•	dex: 47878	EO Index:	47878		Element Last Seen:	2001-05-02
Occ. Rank:	Fair		Presence:	Presumed Ex	ktant	Site Last Seen:	2001-05-02
Осс. Туре:	Natural/Native occurre	nce	Trend:	Unknown		Record Last Updated:	2007-02-15
Quad Summary:	Merced Falls (3712053	3)					
County Summary:	Merced						
Lat/Long:	37.55562 / -120.36864	Ļ			Accuracy:	specific area	
UTM:	Zone-10 N4159766 E7	/32433			Elevation (ft):	460	
PLSS:	T04S, R15E, Sec. 30,	SW (M)			Acres:	16.0	
Location:	SOUTH FORK DRY C	REEK, 5 MILES WE	ST OF LAKE	MCCLURE.			
Detailed Location:	SITE ID: KELA03. LOO DATA.	CATION MAPPED IN	N THE NW 1/4	OF THE SW	1/4 SECTION 30.	OCATION MAPPED USING	DIGITAL
Ecological:	HABITAT CONSISTS AND BASKING SITES					THERE IS AN ABUNDANCE TTLE.	OF COVER
General:	2 ADULTS (6" CARAP	ACE) OBSERVED	ON 2 MAY 200	01.			
Owner/Manager:	PVT-KELSEY RANCH						
Occurrence No.	324 Map In	dex: 67880	EO Index:	68029		Element Last Seen:	2001-06-13
Occ. Rank:	Unknown		Presence:	Presumed Ex	ktant	Site Last Seen:	2001-06-13
Occ. Type:			Tanad			Record Last Updated:	
Occ. Type:	Natural/Native occurre	nce	Trend:	Unknown		Record Last Opuated.	2007-02-15
Quad Summary:	Natural/Native occurre Merced Falls (3712053		Trena:	Unknown		Record Last opualed.	2007-02-15
Quad Summary:			Trena:	Unknown			2007-02-15
Quad Summary: County Summary:	Merced Falls (3712053	3)	Irend:	Unknown	Accuracy:	80 meters	2007-02-15
Quad Summary: County Summary: Lat/Long:	Merced Falls (3712053 Merced)		Unknown	Accuracy: Elevation (ft):	·	2007-02-15
	Merced Falls (3712053 Merced 37.52870 / -120.35170	3)) 734015		Unknown	•	80 meters	2007-02-15
Quad Summary: County Summary: Lat/Long: UTM:	Merced Falls (3712053 Merced 37.52870 / -120.35170 Zone-10 N4156821 E7 T05S, R15E, Sec. 05,	3)) /34015 NW (M)			Elevation (ft): Acres:	80 meters 376	
Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Merced Falls (3712053 Merced 37.52870 / -120.35170 Zone-10 N4156821 E7 T05S, R15E, Sec. 05, 0.6 MILE SOUTH OF T MERCED COUNTY.	3) 734015 NW (M) THE SOUTH END C	DF KELSEY RI	ESERVOIR, 1.	Elevation (ft): Acres: 2 MILES WNW OF	80 meters 376 0.0	ASTERN
Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Merced Falls (3712053 Merced 37.52870 / -120.35170 Zone-10 N4156821 E7 T05S, R15E, Sec. 05, 0.6 MILE SOUTH OF T MERCED COUNTY. SITE ID: KELA13. LOC	3) 734015 NW (M) THE SOUTH END C CATION MAPPED IN OF A SERIES OF P	OF KELSEY RI	ESERVOIR, 1. OF THE NW 1	Elevation (ft): Acres: 2 MILES WNW OF /4 SECTION 5. LC	80 meters 376 0.0 MERCED FALLS, NORTHE	ASTERN VIGITAL DAT/
Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological:	Merced Falls (3712053 Merced 37.52870 / -120.35170 Zone-10 N4156821 E7 T05S, R15E, Sec. 05, 0.6 MILE SOUTH OF T MERCED COUNTY. SITE ID: KELA13. LOC HABITAT CONSISTS 0 BASKING SITES AT T	3) 734015 NW (M) THE SOUTH END C CATION MAPPED IN OF A SERIES OF P 'HIS LOCATION.	OF KELSEY RI N THE SE 1/4 OOLS ALONG	ESERVOIR, 1. OF THE NW 1 3 A DRAINAGE	Elevation (ft): Acres: 2 MILES WNW OF /4 SECTION 5. LC E. THERE ARE MO	80 meters 376 0.0 F MERCED FALLS, NORTHE DCATION MAPPED USING D	ASTERN VIGITAL DAT/
Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Merced Falls (3712053 Merced 37.52870 / -120.35170 Zone-10 N4156821 E7 T05S, R15E, Sec. 05, 0.6 MILE SOUTH OF T MERCED COUNTY. SITE ID: KELA13. LOC HABITAT CONSISTS 0 BASKING SITES AT T	3) 734015 NW (M) THE SOUTH END C CATION MAPPED IN OF A SERIES OF P THIS LOCATION. OBSERVED ON 13	OF KELSEY RI N THE SE 1/4 OOLS ALONG	ESERVOIR, 1. OF THE NW 1 3 A DRAINAGE	Elevation (ft): Acres: 2 MILES WNW OF /4 SECTION 5. LC E. THERE ARE MO	80 meters 376 0.0 MERCED FALLS, NORTHE DCATION MAPPED USING D DDERATE AMOUNTS OF CO	ASTERN



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Occurrence No.	505	Map Index: 38604	EO Index:	33611	Element Last Seen:	1997-06-12
Occ. Rank:	Fair		Presence:	Presumed Extant	Site Last Seen:	1997-06-12
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	1998-04-13
Quad Summary:	Keystone ((3712075)				
County Summary:	Tuolumne					
Lat/Long:	37.86506 /	/ -120.53549		Accuracy:	specific area	
UTM:	Zone-10 N	l4193706 E716789		Elevation (ft):	600	
PLSS:	T01S, R13	3E, Sec. 10, NW (M)		Acres:	24.7	
Location:	GREEN S	PRING RUN. 0.5 MILE UPST	REAM FROM T	HE MOUNTAIN PASS CREEK C	ONFLUENCE. SW OF SONC	RA.
Detailed Location:					,,	
Ecological:				AN IN POOR CONDITION; VEGE		
General:	1 ADULT I	POND TURTLE OBSERVED	ON 12 JUNE 19	97.		
Owner/Manager:	BLM					
Branchinecta I					Element Code: ICBR	A03030
vernal pool fairy						
Listing Status:	Federal:	Threatened		CNDDB Element Ran	ks: Global: G3	
	_					
	State:	None			State: S3	
	Other:	IUCN_VU-Vulnerable				
Habitat:		IUCN_VU-Vulnerable		E CENTRAL VALLEY, CENTRAL		COAST
Habitat:	Other:	IUCN_VU-Vulnerable ENDEMIC TO THE GRASS MTNS, IN ASTATIC RAIN-F	FILLED POOLS. VATER SANDST	E CENTRAL VALLEY, CENTRAL	COAST MTNS, AND SOUTH	
	Other: General:	IUCN_VU-Vulnerable ENDEMIC TO THE GRASS MTNS, IN ASTATIC RAIN-F INHABIT SMALL, CLEAR-V	FILLED POOLS. VATER SANDST		COAST MTNS, AND SOUTH	H SLUMP, O
Occurrence No.	Other: General: Micro:	IUCN_VU-Vulnerable ENDEMIC TO THE GRASS MTNS, IN ASTATIC RAIN-F INHABIT SMALL, CLEAR-V BASALT-FLOW DEPRESS	FILLED POOLS. VATER SANDST ION POOLS.	ONE-DEPRESSION POOLS AN	COAST MTNS, AND SOUTH	H SLUMP, O 1986-10-05
Occurrence No. Occ. Rank:	Other: General: Micro: 174 Unknown	IUCN_VU-Vulnerable ENDEMIC TO THE GRASS MTNS, IN ASTATIC RAIN-F INHABIT SMALL, CLEAR-V BASALT-FLOW DEPRESS	FILLED POOLS. VATER SANDST ION POOLS. EO Index:	ONE-DEPRESSION POOLS AN	COAST MTNS, AND SOUTH ID GRASSED SWALE, EART Element Last Seen:	H SLUMP, O 1986-10-05
Occurrence No. Occ. Rank: Occ. Type:	Other: General: Micro: 174 Unknown Natural/Na	IUCN_VU-Vulnerable ENDEMIC TO THE GRASS MTNS, IN ASTATIC RAIN-F INHABIT SMALL, CLEAR-V BASALT-FLOW DEPRESS Map Index: 33704	FILLED POOLS. VATER SANDST ION POOLS. EO Index: Presence: Trend:	ONE-DEPRESSION POOLS AN 30643 Presumed Extant	COAST MTNS, AND SOUTH ID GRASSED SWALE, EART Element Last Seen: Site Last Seen:	H SLUMP, O 1986-10-05 1986-10-05
Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	Other: General: Micro: 174 Unknown Natural/Na	IUCN_VU-Vulnerable ENDEMIC TO THE GRASS MTNS, IN ASTATIC RAIN-F INHABIT SMALL, CLEAR-V BASALT-FLOW DEPRESS Map Index: 33704 ative occurrence	FILLED POOLS. VATER SANDST ION POOLS. EO Index: Presence: Trend:	ONE-DEPRESSION POOLS AN 30643 Presumed Extant	COAST MTNS, AND SOUTH ID GRASSED SWALE, EART Element Last Seen: Site Last Seen:	H SLUMP, O 1986-10-05 1986-10-05
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	Other: General: Micro: 174 Unknown Natural/Na Turlock La Stanislaus	IUCN_VU-Vulnerable ENDEMIC TO THE GRASS MTNS, IN ASTATIC RAIN-F INHABIT SMALL, CLEAR-V BASALT-FLOW DEPRESS Map Index: 33704 ative occurrence	FILLED POOLS. VATER SANDST ION POOLS. EO Index: Presence: Trend:	ONE-DEPRESSION POOLS AN 30643 Presumed Extant	COAST MTNS, AND SOUTH ID GRASSED SWALE, EART Element Last Seen: Site Last Seen:	H SLUMP, O 1986-10-05 1986-10-05
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Other: General: Micro: 174 Unknown Natural/Na Turlock La Stanislaus 37.58734 /	IUCN_VU-Vulnerable ENDEMIC TO THE GRASS MTNS, IN ASTATIC RAIN-F INHABIT SMALL, CLEAR-V BASALT-FLOW DEPRESS Map Index: 33704 ative occurrence ake (3712055), Montpelier (37	FILLED POOLS. VATER SANDST ION POOLS. EO Index: Presence: Trend:	ONE-DEPRESSION POOLS AN 30643 Presumed Extant Unknown	COAST MTNS, AND SOUTH ID GRASSED SWALE, EART Element Last Seen: Site Last Seen: Record Last Updated:	H SLUMP, O 1986-10-05 1986-10-05
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Other: General: Micro: 174 Unknown Natural/Na Turlock La Stanislaus 37.58734 / Zone-10 N	IUCN_VU-Vulnerable ENDEMIC TO THE GRASS MTNS, IN ASTATIC RAIN-F INHABIT SMALL, CLEAR-V BASALT-FLOW DEPRESS Map Index: 33704 ative occurrence ake (3712055), Montpelier (37 5	FILLED POOLS. VATER SANDST ION POOLS. EO Index: Presence: Trend:	ONE-DEPRESSION POOLS AN 30643 Presumed Extant Unknown Accuracy:	COAST MTNS, AND SOUTH ID GRASSED SWALE, EART Element Last Seen: Site Last Seen: Record Last Updated: 3/5 mile	H SLUMP, O 1986-10-05 1986-10-05
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Other: General: Micro: 174 Unknown Natural/Na Turlock La Stanislaus 37.58734 / Zone-10 N T04S, R12	IUCN_VU-Vulnerable ENDEMIC TO THE GRASS MTNS, IN ASTATIC RAIN-F INHABIT SMALL, CLEAR-V BASALT-FLOW DEPRESS Map Index: 33704 ative occurrence ake (3712055), Montpelier (37 (-120.63655) (4162657 E708677 2E, Sec. 15 (M) 5 MILES NNE OF THE INTER	FILLED POOLS. VATER SANDST ION POOLS. EO Index: Presence: Trend: 12056)	ONE-DEPRESSION POOLS AN 30643 Presumed Extant Unknown Accuracy: Elevation (ft):	COAST MTNS, AND SOUTH ID GRASSED SWALE, EART Element Last Seen: Site Last Seen: Record Last Updated: 3/5 mile 200 0.0	H SLUMP, O 1986-10-05 1986-10-05 1997-03-11
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Other: General: Micro: 174 Unknown Natural/Na Turlock La Stanislaus 37.58734 / Zone-10 N T04S, R12 ABOUT 2. VERNAL F	IUCN_VU-Vulnerable ENDEMIC TO THE GRASS MTNS, IN ASTATIC RAIN-F INHABIT SMALL, CLEAR-V BASALT-FLOW DEPRESS Map Index: 33704 ative occurrence ake (3712055), Montpelier (37 (-120.63655) (4162657 E708677 2E, Sec. 15 (M) 5 MILES NNE OF THE INTER	FILLED POOLS. VATER SANDST ION POOLS. EO Index: Presence: Trend: 12056)	30643 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	COAST MTNS, AND SOUTH ID GRASSED SWALE, EART Element Last Seen: Site Last Seen: Record Last Updated: 3/5 mile 200 0.0	H SLUMP, C 1986-10-05 1986-10-05 1997-03-11
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Other: General: Micro: 174 Unknown Natural/Na Turlock La Stanislaus 37.58734 Zone-10 N T04S, R12 ABOUT 2. VERNAL F SEASONA	IUCN_VU-Vulnerable ENDEMIC TO THE GRASS MTNS, IN ASTATIC RAIN-F INHABIT SMALL, CLEAR-V BASALT-FLOW DEPRESS Map Index: 33704 ative occurrence ake (3712055), Montpelier (37 4-120.63655 14162657 E708677 2E, Sec. 15 (M) 5 MILES NNE OF THE INTER POOLS.	FILLED POOLS. VATER SANDST ION POOLS. EO Index: Presence: Trend: 12056)	30643 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	COAST MTNS, AND SOUTH ID GRASSED SWALE, EART Element Last Seen: Site Last Seen: Record Last Updated: 3/5 mile 200 0.0	H SLUMP, C 1986-10-05 1986-10-05 1997-03-11
Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General:	Other: General: Micro: 174 Unknown Natural/Na Turlock La Stanislaus 37.58734 / Zone-10 N T04S, R12 ABOUT 2. VERNAL F SEASONA NATURAL	IUCN_VU-Vulnerable ENDEMIC TO THE GRASS MTNS, IN ASTATIC RAIN-F INHABIT SMALL, CLEAR-V BASALT-FLOW DEPRESS Map Index: 33704 ative occurrence ake (3712055), Montpelier (37 4 - 120.63655 14162657 E708677 2E, Sec. 15 (M) 5 MILES NNE OF THE INTER POOLS. AL WETLANDS LOCATED SC . SEASONAL WETLANDS.	FILLED POOLS. VATER SANDST ION POOLS. EO Index: Presence: Trend: 12056) RSECTION OF MOMEWHERE IN	30643 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	COAST MTNS, AND SOUTH ID GRASSED SWALE, EART Element Last Seen: Site Last Seen: Record Last Updated: 3/5 mile 200 0.0 DAD, JUST SOUTH OF THE	H SLUMP, C 1986-10-05 1986-10-05 1997-03-11 HICKMAN



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Occurrence No.	233	Map Index: 42544	EO Index:	42544		Element Last Seen:	2001-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	2001-XX-XX
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2007-04-04
Quad Summary:	Merced Falls	s (3712053)					
County Summary:	Merced						
Lat/Long:	37.54552 / -	120.35862			Accuracy:	specific area	
UTM:	Zone-10 N4	158670 E733351			Elevation (ft):	400	
PLSS:	T04S, R15E	, Sec. 31, N (M)			Acres:	21.0	
Location:	NORTH TO	NORTHWEST OF KELSEY	RESERVOIR, 2	2.3 MILES NW	OF MERCED FAL	LS.	
Detailed Location:	RESERVOI					EXTREME NW CORNER OF D PRIMARILY IN THE NE PC	
Ecological:	HABITAT CO	ONSISTS OF VERNAL POOL	_S.				
General:	CRUSTACE		UNTY STUDY			L 5, 2000. OBSERVED DUR HABITAT FOR THE SPECIE	
Owner/Manager:	PVT-KELSE	Y RANCH					
Occurrence No.	285	Map Index: 43745	EO Index:	43745		Element Last Seen:	2000-04-02
Occ. Rank:	Good		Presence:	Presumed E	xtant	Site Last Seen:	2000-04-02
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2000-09-14
Quad Summary:	Merced Falls	s (3712053), Snelling (371205	54)				
County Summary:	Merced						
Lat/Long:	37.55253 / -	120.37545			Accuracy:	80 meters	
UTM:	Zone-10 N4	159406 E731842			Elevation (ft):	350	
PLSS:	T04S, R14E	, Sec. 25, SE (M)			Acres:	0.0	
Location:	KELSEY RA	NCH, 1 MILE WNW OF KEL	SEY RESERV	OIR, 2.6 MILES	S NORTH OF SNE	LLING DIVERSION DAM.	
Detailed Location:	40' X 20' VE	RNAL POOL 50' NORTH OF	DIRT ROAD J	UST EAST OF	FENCE LINE.		
Ecological:		ONSISTS OF A VERNAL PO VELL MANAGED).	OL; SURROUN	NDING LAND L	JSE IS GRAZING	(SURVEYORS NOTE THAT I	AND
General:	OBSERVED	5 ADULTS WHILE DIPNET	TING POOL OF	N 2 APR 2000.			
Owner/Manager:	PVT						



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Occurrence No.	430	Map Index: 68754	EO Index:	69237	Element Last Seen:	2001-XX-XX
Occ. Rank:	Excellent	·	Presence:	Presumed Extant	Site Last Seen:	2001-XX-XX
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2007-06-20
Quad Summary:	Snelling (37	12054)				
County Summary:	Merced	,				
Lat/Long:	37.56150 / -	120.41799		Accuracy	: 80 meters	
UTM:	Zone-10 N4	160298 E728055		Elevation	(ft): 290	
PLSS:	T04S, R14E	, Sec. 27, NW (M)		Acres:	0.0	
Location:	0.5 MILE SC	OUTHEAST THE INTERSEC	TION OF HIGH	WAY 59 AND FIELDS RO	AD, 3 MILES NNE OF SNELLING.	
Detailed Location:		IC02.3. MAPPED CENTRAL MAPPED USING DIGITAL D		E EAST PART OF THE NO	ORTHWEST PORTION OF SECTION	ON 27.
Ecological:	HABITAT CO	ONSISTS OF A VERNAL PO	OOL.			
General:	PROVIDES		R THE SPECIES	3. HABITAT DIVERSE DU	SURVEYS. MERCED COUNTY ST E TO THE VARIED FORMATIONS	
Owner/Manager:	PVT-RICHA	RDS RANCH				
Occurrence No.	431	Map Index: 68755	EO Index:	69238	Element Last Seen:	2001-XX-XX
Oco Bonk			Presence:	Presumed Extant	Cite Loot Coons	
Occ. Rank:	Excellent		Flesence.		Site Last Seen:	2001-XX-XX
Occ. Rank: Occ. Type:		ve occurrence	Trend:	Unknown	Record Last Updated:	
Осс. Туре:	Natural/Nativ					
Occ. Type: Quad Summary:	Natural/Nativ Snelling (37	12054)			Record Last Updated:	
Occ. Type: Quad Summary: County Summary:	Natural/Nation Snelling (37 Merced 37.56126 /	12054)		Unknown	Record Last Updated:	
Occ. Type: Quad Summary: County Summary: Lat/Long:	Natural/Nation Snelling (37 Merced 37.56126 / Zone-10 N4	12054) 120.40913		Unknown	Record Last Updated:	
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Natural/Nativ Snelling (37 Merced 37.56126 / - Zone-10 N4 T04S, R14E	12054) 120.40913 160293 E728839 , Sec. 27, NE (M)	Trend:	Unknown Accuracy Elevation Acres:	Record Last Updated: : specific area (ft): 300	
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Natural/Nation Snelling (37 Merced 37.56126 / Zone-10 N4 T04S, R14E 0.9 MILE EA	12054) 120.40913 160293 E728839 , Sec. 27, NE (M) .ST OF HIGHWAY 59 AND 0 IC03.2, RIC03.3. MAPPED 0	Trend:	Unknown Accuracy Elevation Acres: TH OF FIELDS ROAD, 3.2	Record Last Updated: : specific area (ft): 300 6.0	2007-06-20
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Natural/Nativ Snelling (37 Merced 37.56126 / - Zone-10 N4 T04S, R14E 0.9 MILE EA POOL ID: R USING DIGI	12054) 120.40913 160293 E728839 , Sec. 27, NE (M) .ST OF HIGHWAY 59 AND 0 IC03.2, RIC03.3. MAPPED 0	Trend: 0.25 MILE SOU CENTRALLY W	Unknown Accuracy Elevation Acres: TH OF FIELDS ROAD, 3.2	Record Last Updated: : specific area (ft): 300 6.0 6.0 2 MILES NNE OF SNELLING.	2007-06-20
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Natural/Nativ Snelling (37 ⁻ Merced 37.56126 / - Zone-10 N4 ⁻ T04S, R14E 0.9 MILE EA POOL ID: RI USING DIGI HABITAT CO SPECIES O PROVIDES	12054) 120.40913 160293 E728839 , Sec. 27, NE (M) IST OF HIGHWAY 59 AND C IC03.2, RIC03.3. MAPPED C TAL DATA. DNSISTS OF A VERNAL PC BSERVED IN VERNAL PCC	Trend: 0.25 MILE SOU CENTRALLY W DOL. 0LS DURING TH R THE SPECIES	Unknown Accuracy Elevation Acres: TH OF FIELDS ROAD, 3.2 THIN THE NORTHEAST HE 2001 CRUSTACEAN S HABITAT DIVERSE DU	Record Last Updated: : specific area (ft): 300 6.0 6.0 2 MILES NNE OF SNELLING.	2007-06-20 TION MAPPED



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Occurrence No.	432	Map Index: 68756	EO Index:	69239		Element Last Seen:	2001-XX-XX
Occ. Rank:	Excellent		Presence:	Presumed Ex	xtant	Site Last Seen:	2001-XX-XX
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2007-06-20
Quad Summary:	Snelling (37	12054)					
County Summary:	Merced						
Lat/Long:	37.56493 / -	120.40507			Accuracy:	80 meters	
UTM:	Zone-10 N4	160710 E729186			Elevation (ft):	350	
PLSS:	T04S, R14E	, Sec. 26, N (M)			Acres:	0.0	
Location:	ALONG FIE	LDS ROAD, 1.1 MILES EAS	T OF HIGHWA	Y 59, 3.5 MILE	S NNE OF SNELL	ING.	
Detailed Location:	POOL ID: R	IC05.4. LOCATION MAPPED	USING DIGIT	AL DATA.			
Ecological:	HABITAT CO	ONSISTS OF A VERNAL PO	OL.				
General:	PROVIDES		THE SPECIES	S. HABITAT DI		S. MERCED COUNTY STUD THE VARIED FORMATIONS	
Owner/Manager:	PVT-RICHA	RDS RANCH					
Occurrence No.	433	Map Index: 68757	EO Index:	69240		Element Last Seen:	2001-XX-XX
Occ. Rank:	Excellent		Presence:	Presumed Ex	xtant	Site Last Seen:	2001-XX-XX
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2007-06-20
Quad Summary:	Snelling (37	12054)					
County Summary:	Merced						
Lat/Long:	37.56346 / -	120.39869			Accuracy:	80 meters	
UTM:	Zone-10 N4	160562 E729754			Elevation (ft):	350	
PLSS:	T04S, R14E	, Sec. 26, N (M)			Acres:	0.0	
Location:	1.4 MILES E	AST OF HIGHWAY 59 AND	0.1 MILE SOU	TH OF FIELDS	ROAD, 3.6 MILE	S NNE OF SNELLING.	
Detailed Location:		IC04.1. MAPPED CENTRALI SING DIGITAL DATA.	LY IN THE NO	RTH PART OF	THE NORTH POI	RTION OF SECTION 26. LOC	ATION
Ecological:	HABITAT CO	ONSISTS OF A VERNAL PO	OL.				
Ecological: General:	SPECIES O PROVIDES	BSERVED IN VERNAL POO	L DURING TH	S. HABITAT DI		S. MERCED COUNTY STUD HE VARIED FORMATIONS /	



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Occurrence No.	434	Map Index: 68758	EO Index:	69241		Element Last Seen:	2001-XX-XX
Occ. Rank:	Excellent		Presence:	Presumed Ext	ant	Site Last Seen:	2001-XX-XX
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2007-06-20
Quad Summary:	Snelling (371	2054)					
County Summary:	Merced						
Lat/Long:	37.56358 / -1	20.39171			Accuracy:	80 meters	
UTM:	Zone-10 N41	60593 E730371			Elevation (ft):	373	
PLSS:	T04S, R14E,	Sec. 26, NE (M)			Acres:	0.0	
Location:	1.9 MILES E	AST OF HIGHWAY 59 AND	0.1 MILE SOU	ITH OF FIELDS I	ROAD, 3.8 MILES	S NNE OF SNELLING.	
Detailed Location:	POOL ID: RI	C06.3. MAPPED IN THE NE	1/4 OF THE N	IE 1/4 SECTION	26. LOCATION	MAPPED USING DIGITAL D	ATA.
Ecological:	HABITAT CO	ONSISTS OF A VERNAL PO	OL.				
General:	PROVIDES I		THE SPECIES	S. HABITAT DIVI		S. MERCED COUNTY STUD HE VARIED FORMATIONS /	
Owner/Manager:	PVT-RICHAI	RDS RANCH					
Occurrence No.	435	Map Index: 68761	EO Index:	69242		Element Last Seen:	2001-XX-XX
Occ. Rank:	Excellent		Presence:	Presumed Ext	ant	Site Last Seen:	2001-XX-XX
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2007-06-20
Quad Summary:	Snelling (371	2054)					
County Summary:	Merced						
Lat/Long:	37.56068 / -1	20.38201			Accuracy:	specific area	
UTM:	Zone-10 N41	60295 E731236			Elevation (ft):	330	
PLSS:	T04S, R14E,	Sec. 25, NW (M)			Acres:	21.0	
Location:	2.4 MILES E SNELLING.	AST OF HIGHWAY 59 AND	0.3 - 0.7 MILE	SOUTHEAST E	ND OF FIELDS R	ROAD, 4 MILES NORTHEAS	T OF
Detailed Location:							
		C08.1, RIC08.3, RIC08.4, KI IN THE NORTHWEST 1/4 S				KEL09.4. MAPPED ALONG (TAL DATA.	CREEK -
Ecological:	PRIMARILY		ECTION 25. LO				CREEK -
	PRIMARILY HABITAT CO SPECIES OF PROVIDES I	IN THE NORTHWEST 1/4 S DNSISTS OF VERNAL POO BSERVED IN VERNAL POO	ECTION 25. LO LS. LS DURING TI THE SPECIES	OCATION MAPF HE 2001 CRUST S. HABITAT DIVI	PED USING DIGI		DY AREA



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Occurrence No.	436	Map Index: 68762	EO Index:	69246		Element Last Seen:	2001-XX-XX
Occ. Rank:	Excellent		Presence:	Presumed Ext	ant	Site Last Seen:	2001-XX-XX
Occ. Type:		ve occurrence	Trend:	Unknown		Record Last Updated:	2007-06-20
Quad Summary:	Merced Falls	3 (3712053)					
County Summary:	Merced						
Lat/Long:	37.55494 / -	120.37029			Accuracy:	specific area	
UTM:	Zone-10 N4	159688 E732290			Elevation (ft):	360	
PLSS:	T04S, R15E	e, Sec. 30, SW (M)			Acres:	12.0	
Location:	3.1 MILES E SNELLING.	EAST OF HIGHWAY 59 AND	1.2 - 1.35 MILE	E SOUTHEAST	END OF FIELDS	ROAD, 4.4 MILES NORTHE	AST OF
Detailed Location:		EL11.1, KEL11.2, KEL11.3, F 0. LOCATION MAPPED USI			IN THE NORTH	WEST 1/4 OF THE SOUTHV	/EST 1/4
Ecological:	HABITAT CO	ONSISTS OF VERNAL POO	LS.				
General:	PROVIDES	BSERVED IN VERNAL POO EXCELLENT HABITAT FOR IS. FEW AREAS LIKE THIS	THE SPECIES	6. HABITAT DIV			
Owner/Manager:	PVT-KELSE						
Occurrence No.	437	Map Index: 68763	EO Index:	69248		Element Last Seen:	2001-XX-XX
Occ. Rank:	Excellent		Presence:	Presumed Ext	ant	Site Last Seen:	2001-XX-XX
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2007-06-20
Quad Summary:	Merced Falls	s (3712053), Snelling (37120	54)				
County Summary:							
	Merced						
Lat/Long:	Merced 37.54857 / -	120.37626			Accuracy:	80 meters	
Lat/Long: UTM:	37.54857 / -	120.37626 158965 E731783			Accuracy: Elevation (ft):	80 meters 370	
-	37.54857 / - Zone-10 N4				-		
UTM:	37.54857 / - Zone-10 N4 T04S, R14E	158965 E731783	1.3 MILES SSE		Elevation (ft): Acres:	370 0.0	SNELLING.
UTM: PLSS:	37.54857 / - Zone-10 N4 T04S, R14E 2.7 MILES E	158965 E731783 E, Sec. 36, NE (M) EAST OF HIGHWAY 59 AND EL20.4. MAPPED IN THE NO		E THE END OF	Elevation (ft): Acres: FIELDS ROAD, 3	370 0.0 8.8 MILES NORTHEAST OF 3	
UTM: PLSS: Location:	37.54857 / - Zone-10 N4 T04S, R14E 2.7 MILES E POOL ID: KI DIGITAL DA	158965 E731783 E, Sec. 36, NE (M) EAST OF HIGHWAY 59 AND EL20.4. MAPPED IN THE NO	ORTHWEST 1/4	E THE END OF	Elevation (ft): Acres: FIELDS ROAD, 3	370 0.0 8.8 MILES NORTHEAST OF 3	
UTM: PLSS: Location: Detailed Location:	37.54857 / - Zone-10 N4 T04S, R14E 2.7 MILES E POOL ID: KI DIGITAL DA HABITAT CO SPECIES O PROVIDES	158965 E731783 E, Sec. 36, NE (M) EAST OF HIGHWAY 59 AND EL20.4. MAPPED IN THE NO MAA.	ORTHWEST 1/4 DOL. DURING THE THE SPECIES	E THE END OF 4 OF THE NOR [*] E 2001 CRUSTA 5. HABITAT DIV	Elevation (ft): Acres: FIELDS ROAD, 3 THEAST 1/4 SEC	370 0.0 3.8 MILES NORTHEAST OF 3 TION 36. LOCATION MAPPI S. MERCED COUNTY STUD	ED USING Y AREA



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Occurrence No.	438	Map Index: 69711	EO Index:	69247	Element Last Seen:	2001-XX-XX
Occ. Rank:	Excellent		Presence:	Presumed Extant	Site Last Seen:	2001-XX-XX
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2007-08-29
Quad Summary:	Snelling (37	12054)				
County Summary:	Merced					
Lat/Long:	37.55146 / -	120.38155		Accuracy:	specific area	
UTM:	Zone-10 N4	159273 E731306		Elevation (ft):	365	
PLSS:	T04S, R14E	, Sec. 25, SW (M)		Acres:	7.0	
Location:	2.4 MILES E	AST OF HIGHWAY 59 AND	1 MILE SSE T	HE END OF FIELDS ROAD, 3.7	MILES NORTHEAST OF SNE	ELLING.
Detailed Location:	POOL ID: KI DIGITAL DA	-	OUTHEAST 1/4	OF THE SOUTHWEST 1/4 SEC	TION 25. LOCATION MAPPE	ED USING
Ecological:	HABITAT CO	ONSISTS OF A VERNAL PO	OOL.			
General:	PROVIDES		R THE SPECIES	E 2001 CRUSTACEAN SURVEY S. HABITAT DIVERSE DUE TO T ORNIA.		
Owner/Manager:	PVT-KELSE	Y RANCH				
Occurrence No.	439	Map Index: 68793	EO Index:	69249	Element Last Seen:	2001-XX-XX
Occ. Rank:	Excellent		Presence:	Presumed Extant	Site Last Seen:	2001-XX-XX
	Exconioni					
Осс. Туре:		ve occurrence	Trend:	Unknown	Record Last Updated:	2007-06-20
Occ. Type: Quad Summary:			Trend:	Unknown	Record Last Updated:	2007-06-20
	Natural/Nativ		Trend:	Unknown	Record Last Updated:	2007-06-20
Quad Summary:	Natural/Nativ Snelling (37	12054)	Trend:	Unknown Accuracy:	Record Last Updated:	2007-06-20
Quad Summary: County Summary:	Natural/Nation Snelling (37 Merced 37.55213 / -	12054)	Trend:			2007-06-20
Quad Summary: County Summary: Lat/Long:	Natural/Nativ Snelling (37 Merced 37.55213 / - Zone-10 N4	12054) 120.39464	Trend:	Accuracy:	specific area	2007-06-20
Quad Summary: County Summary: Lat/Long: UTM:	Natural/Nativ Snelling (37 Merced 37.55213 / - Zone-10 N4 T04S, R14E	12054) 120.39464 159316 E730147 , Sec. 26, SE (M)		Accuracy: Elevation (ft):	specific area 330 9.0	2007-06-20
Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Natural/Nativ Snelling (37 Merced 37.55213 / - Zone-10 N4 T04S, R14E 1.7 MILES E	12054) 120.39464 159316 E730147 , Sec. 26, SE (M) EAST OF HIGHWAY 59 AND IC18.1 & RIC18.4. MAPPED	0.9 MILE SOU	Accuracy: Elevation (ft): Acres:	specific area 330 9.0 S NE OF SNELLING.	
Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Natural/Nativ Snelling (37 Merced 37.55213 / - Zone-10 N4 T04S, R14E 1.7 MILES E POOL ID: R USING DIGI	12054) 120.39464 159316 E730147 , Sec. 26, SE (M) EAST OF HIGHWAY 59 AND IC18.1 & RIC18.4. MAPPED	0.9 MILE SOU	Accuracy: Elevation (ft): Acres: TH OF FIELDS ROAD, 3.2 MILE	specific area 330 9.0 S NE OF SNELLING.	
Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Natural/Nativ Snelling (37' Merced 37.55213 / - Zone-10 N4' T04S, R14E 1.7 MILES E POOL ID: R USING DIGI HABITAT CO SPECIES O PROVIDES	12054) 120.39464 159316 E730147 , Sec. 26, SE (M) EAST OF HIGHWAY 59 AND IC18.1 & RIC18.4. MAPPED ITAL DATA. ONSISTS OF VERNAL POO BSERVED IN VERNAL POO	0.9 MILE SOU IN THE SOUTI DLS. DLS DURING TI	Accuracy: Elevation (ft): Acres: TH OF FIELDS ROAD, 3.2 MILE HWEST 1/4 OF THE SOUTHEAS HE 2001 CRUSTACEAN SURVE B. HABITAT DIVERSE DUE TO T	specific area 330 9.0 S NE OF SNELLING. ST 1/4 SECTION 26. LOCATION YS. MERCED COUNTY STU	ON MAPPED



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Occurrence No.	440	Map Index: 68795	EO Index:	69304	Element Last Seen:	2001-XX-XX
Occ. Rank:	Excellent		Presence:	Presumed Extant	Site Last Seen:	2001-XX-XX
Occ. Type:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2007-06-20
Quad Summary:	Snelling (37	12054)				
County Summary:	Merced					
Lat/Long:	37.54748 / -	120.39354		Accuracy:	specific area	
UTM:	Zone-10 N4	158802 E730259		Elevation (ft):	350	
PLSS:	T04S, R14E	, Sec. 35, NE (M)		Acres:	12.0	
Location:	1.8 MILES E	AST OF HIGHWAY 59 AND	1.2 MILES SO	UTH OF FIELDS ROAD, 3 MILE	S NE OF SNELLING.	
Detailed Location:		RIC20.2, RIC20.3, RIC20.4 & SING DIGITAL DATA.	& RIC21.2. MAF	PPED PRIMARILY IN THE NE 1/4	4 OF THE NE 1/4 SECTION 3	5. LOCATION
Ecological:	HABITAT CO	ONSISTS OF A VERNAL PO	OOL.			
General:	PROVIDES		R THE SPECIES	HE 2001 CRUSTACEAN SURVE S. HABITAT DIVERSE DUE TO T FORNIA.		
Owner/Manager:	PVT-RICHA					
Occurrence No.	441	Map Index: 68796	EO Index:	69306	Element Last Seen:	2001-XX-XX
	-		EO Index: Presence:	69306 Presumed Extant	Element Last Seen: Site Last Seen:	2001-XX-XX 2001-XX-XX
Occurrence No.	441 Excellent					
Occurrence No. Occ. Rank:	441 Excellent	Map Index: 68796	Presence:	Presumed Extant	Site Last Seen:	2001-XX-XX
Occurrence No. Occ. Rank: Occ. Type:	441 Excellent Natural/Natio	Map Index: 68796	Presence:	Presumed Extant	Site Last Seen:	2001-XX-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	441 Excellent Natural/Nation Snelling (37	Map Index: 68796 ve occurrence 12054)	Presence:	Presumed Extant	Site Last Seen:	2001-XX-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	441 Excellent Natural/Nation Snelling (37 Merced 37.54906 / -	Map Index: 68796 ve occurrence 12054)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2001-XX-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	441 Excellent Natural/Nation Snelling (37 Merced 37.54906 / - Zone-10 N4	Map Index: 68796 ve occurrence 12054) 120.40049	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: specific area	2001-XX-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	441 Excellent Natural/Nation Snelling (37) Merced 37.54906 / - Zone-10 N4 T04S, R14E	Map Index: 68796 ve occurrence 12054) 120.40049 158961 E729640 5, Sec. 35, NW (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: specific area 320 7.0	2001-XX-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	441 Excellent Natural/Nation Snelling (37 Merced 37.54906 / - Zone-10 N4 T04S, R14E 1.4 MILES E	Map Index: 68796 ve occurrence 12054) 120.40049 158961 E729640 5, Sec. 35, NW (M) EAST OF HIGHWAY 59 AND RIC19.1, RIC19.2 & RIC19.3	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 320 7.0 ES NE OF SNELLING.	2001-XX-XX 2007-06-20
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	441 Excellent Natural/Natin Snelling (37 Merced 37.54906 / - Zone-10 N4 T04S, R14E 1.4 MILES E POOL IDS: DIGITAL DA	Map Index: 68796 ve occurrence 12054) 120.40049 158961 E729640 5, Sec. 35, NW (M) EAST OF HIGHWAY 59 AND RIC19.1, RIC19.2 & RIC19.3	Presence: Trend: 0 1.1 MILES SO 8. MAPPED IN 1	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: UTH OF FIELDS ROAD, 2.8 MIL	Site Last Seen: Record Last Updated: specific area 320 7.0 ES NE OF SNELLING.	2001-XX-XX 2007-06-20
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	441 Excellent Natural/Natin Snelling (37 Merced 37.54906 / - Zone-10 N4 T04S, R14E 1.4 MILES E POOL IDS: I DIGITAL DA HABITAT CO SPECIES O PROVIDES	Map Index: 68796 ve occurrence 12054) 120.40049 158961 E729640 5, Sec. 35, NW (M) Sec. 35, NW (M) EAST OF HIGHWAY 59 AND RIC19.1, RIC19.2 & RIC19.3 ITAL ONSISTS OF VERNAL POOR BSERVED IN VERNAL POOR RIC19.4	Presence: Trend: 0 1.1 MILES SO 0. MAPPED IN 1 0LS. 0LS DURING TI 0 THE SPECIES	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: UTH OF FIELDS ROAD, 2.8 MIL THE NE 1/4 OF THE NW 1/4 SEC HE 2001 CRUSTACEAN SURVE S. HABITAT DIVERSE DUE TO T	Site Last Seen: Record Last Updated: specific area 320 7.0 ES NE OF SNELLING. CTION 35. LOCATION MAPPI	2001-XX-XX 2007-06-20 ED USING DY AREA



California Department of Fish and Wildlife



Occurrence No.	442	Map Index: 68797	EO Index:	69307	Element Last Seen:	2001-XX-XX
Occ. Rank:	Excellent		Presence:	Presumed Extant	Site Last Seen:	2001-XX-XX
Occ. Type:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2007-06-20
Quad Summary:	Snelling (37	12054)				
County Summary:	Merced	,				
Lat/Long:	37.55474 / -	120.40365		Accuracy:	specific area	
UTM:	Zone-10 N4	159583 E729344		Elevation (ft):	320	
PLSS:	T04S, R14E	, Sec. 26, SW (M)		Acres:	18.0	
Location:	1.2 MILES E	AST OF HIGHWAY 59 AND	0.7 MILE SOU	TH OF FIELDS ROAD, 3 MILES	NE OF SNELLING.	
Detailed Location:		RIC16.1, RIC16.3, RIC17.1, MAPPED USING DIGITAL D		17.4. MAPPED IN THE NORTH F	PORTION OF THE SW 1/4 SE	ECTION 26.
Ecological:	HABITAT CO	ONSISTS OF VERNAL POO	LS.			
General:	PROVIDES		R THE SPECIES	HE 2001 CRUSTACEAN SURVE S. HABITAT DIVERSE DUE TO T ORNIA.		
Owner/Manager:	PVT-RICHA	RDS RANCH				
Occurrence No.	443	Map Index: 68799	EO Index:	69310	Element Last Seen:	2001-XX-XX
Occ. Rank:	Excellent		Presence:	Presumed Extant	Site Last Seen:	2001-XX-XX
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2007-06-20
Occ. Type: Quad Summary:	Natural/Nativ		Trend:	Unknown	Record Last Updated:	2007-06-20
			Trend:	Unknown	Record Last Updated:	2007-06-20
Quad Summary:	Snelling (37	12054)	Trend:	Unknown Accuracy:	Record Last Updated:	2007-06-20
Quad Summary: County Summary:	Snelling (37 Merced 37.54480 / -	12054)	Trend:		·	2007-06-20
Quad Summary: County Summary: Lat/Long:	Snelling (37 Merced 37.54480 / - Zone-10 N4	12054) 120.41263	Trend:	Accuracy:	specific area	2007-06-20
Quad Summary: County Summary: Lat/Long: UTM:	Snelling (37 Merced 37.54480 / - Zone-10 N4 T04S, R14E	12054) 120.41263 158458 E728581 , Sec. 34, E (M)		Accuracy: Elevation (ft):	specific area 312 13.0	2007-06-20
Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Snelling (37 ⁻ Merced 37.54480 / - Zone-10 N4 ⁻ T04S, R14E 0.75 MILE E POOL IDS: 1	12054) 120.41263 158458 E728581 , Sec. 34, E (M) AST OF HIGHWAY 59 AND	1.5 MILES SO & RIC12.2. MAF	Accuracy: Elevation (ft): Acres: UTH OF FIELDS ROAD, 2.1 MIL PPED IN THE SW 1/4 OF THE N	specific area 312 13.0 ES NE OF SNELLING.	
Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Snelling (37 Merced 37.54480 / - Zone-10 N4 T04S, R14E 0.75 MILE E POOL IDS: I SECTION 34	12054) 120.41263 158458 E728581 , Sec. 34, E (M) AST OF HIGHWAY 59 AND RIC11.3, RIC11.4, RIC12.1 &	1.5 MILES SO & RIC12.2. MAF NG DIGITAL D	Accuracy: Elevation (ft): Acres: UTH OF FIELDS ROAD, 2.1 MIL PPED IN THE SW 1/4 OF THE N	specific area 312 13.0 ES NE OF SNELLING.	
Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Snelling (37 Merced 37.54480 / - Zone-10 N4 T04S, R14E 0.75 MILE E POOL IDS: SECTION 3 HABITAT CO SPECIES O PROVIDES	12054) 120.41263 158458 E728581 , Sec. 34, E (M) AST OF HIGHWAY 59 AND RIC11.3, RIC11.4, RIC12.1 & 4. LOCATION MAPPED USI ONSISTS OF VERNAL POO BSERVED IN VERNAL POO	1.5 MILES SO & RIC12.2. MAP NG DIGITAL D OLS. DLS DURING TI & THE SPECIES	Accuracy: Elevation (ft): Acres: UTH OF FIELDS ROAD, 2.1 MIL PPED IN THE SW 1/4 OF THE NI ATA. HE 2001 CRUSTACEAN SURVE S. HABITAT DIVERSE DUE TO T	specific area 312 13.0 ES NE OF SNELLING. E 1/4 AND THE NW 1/4 OF T YS. MERCED COUNTY STU	HE SE 1/4 DY AREA



California Department of Fish and Wildlife



Occurrence No.	444	Map Index: 68803	EO Index:	69315	Element Last Seen:	2001-XX-XX
Occ. Rank:	Excellent		Presence:	Presumed Extant	Site Last Seen:	2001-XX-XX
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2007-06-20
Quad Summary:	Snelling (37	12054)				
County Summary:	Merced					
Lat/Long:	37.53046 / -	120.38352		Accuracy:	specific area	
UTM:	Zone-10 N4 ⁻	156938 E731197		Elevation (ft):	343	
PLSS:	T05S, R14E	, Sec. 01, NE (M)		Acres:	7.0	
Location:	1.3 MILES N SNELLING.	INW OF THE SNELLING DIV	VERSION DAM	AND 1.6 MILES WSW OF KEL	SEY RESERVOIR, 3 MILES E	NE OF
Detailed Location:	POOL IDS: I DIGITAL DA		4. MAPPED IN	THE SW 1/4 OF THE NE 1/4 S	ECTION 1. LOCATION MAPPI	ED USING
Ecological:	HABITAT CO	ONSISTS OF VERNAL POO	LS.			
General:	PROVIDES		R THE SPECIES	E 2001 CRUSTACEAN SURVE 8. HABITAT DIVERSE DUE TO ORNIA.		
Owner/Manager:	PVT-KELSE	Y RANCH				
Occurrence No.		•• • • • • • • • • • • • • • • • • • • •	501.1	69323		
Occurrence No.	445	Map Index: 68808	EO Index:	69323	Element Last Seen:	2001-XX-XX
Occ. Rank:	445 Excellent	Map Index: 68808	EO Index: Presence:	Presumed Extant	Element Last Seen: Site Last Seen:	2001-XX-XX 2001-XX-XX
	Excellent	Map Index: 68808				
Occ. Rank:	Excellent	ve occurrence	Presence:	Presumed Extant	Site Last Seen:	2001-XX-XX
Occ. Rank: Occ. Type:	Excellent Natural/Nativ	ve occurrence	Presence:	Presumed Extant	Site Last Seen:	2001-XX-XX
Occ. Rank: Occ. Type: Quad Summary:	Excellent Natural/Nativ Snelling (37	ve occurrence 12054)	Presence:	Presumed Extant	Site Last Seen:	2001-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Excellent Natural/Nation Snelling (37 Merced 37.53940 /	ve occurrence 12054)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2001-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Excellent Natural/Nativ Snelling (37 Merced 37.53940 / - Zone-10 N4	ve occurrence 12054) 120.38078	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: specific area	2001-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Excellent Natural/Nativ Snelling (37 Merced 37.53940 / - Zone-10 N4 T04S, R14E	ve occurrence 12054) 120.38078 157937 E731412 , Sec. 36, SW (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: specific area 450 13.0	2001-XX-XX 2007-06-20
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Excellent Natural/Nativ Snelling (37 ⁻ Merced 37.53940 / - Zone-10 N4 ⁻ T04S, R14E 1.8 MILES N SNELLING. POOL IDS: I	ve occurrence 12054) 120.38078 157937 E731412 , Sec. 36, SW (M) INW OF THE SNELLING DIV	Presence: Trend: VERSION DAM , KEL37.2, KEL	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 450 13.0 LSEY RESERVOIR, 3.3 MILES	2001-XX-XX 2007-06-20
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Excellent Natural/Nativ Snelling (37 Merced 37.53940 / - Zone-10 N4 T04S, R14E 1.8 MILES N SNELLING. POOL IDS: I LOCATION	ve occurrence 12054) 120.38078 157937 E731412 , Sec. 36, SW (M) INW OF THE SNELLING DIV KEL35.1, KEL35.2, KEL37.1	Presence: Trend: VERSION DAM , KEL37.2, KEL DATA.	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: AND 1.5 MILES WEST OF KE	Site Last Seen: Record Last Updated: specific area 450 13.0 LSEY RESERVOIR, 3.3 MILES	2001-XX-XX 2007-06-20
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Excellent Natural/Nativ Snelling (37 Merced 37.53940 / - Zone-10 N4 T04S, R14E 1.8 MILES N SNELLING. POOL IDS: I LOCATION HABITAT CO SPECIES O PROVIDES	ve occurrence 12054) 120.38078 157937 E731412 , Sec. 36, SW (M) INW OF THE SNELLING DIN KEL35.1, KEL35.2, KEL37.1 MAPPED USING DIGITAL E ONSISTS OF VERNAL POO BSERVED IN VERNAL POO	Presence: Trend: VERSION DAM , KEL37.2, KEL DATA. DLS DURING THE SPECIES	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: AND 1.5 MILES WEST OF KEI 37.3 & KEL37.4. MAPPED PRII HE 2001 CRUSTACEAN SURV 5. HABITAT DIVERSE DUE TO	Site Last Seen: Record Last Updated: specific area 450 13.0 LSEY RESERVOIR, 3.3 MILES MARILY IN THE SW 1/4 OF SE	2001-XX-XX 2007-06-20 S ENE OF ECTION 36.
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological:	Excellent Natural/Nativ Snelling (37 Merced 37.53940 / - Zone-10 N4 T04S, R14E 1.8 MILES N SNELLING. POOL IDS: I LOCATION HABITAT CO SPECIES O PROVIDES	ve occurrence 12054) 120.38078 157937 E731412 , Sec. 36, SW (M) INW OF THE SNELLING DIV KEL35.1, KEL35.2, KEL37.1 MAPPED USING DIGITAL E ONSISTS OF VERNAL POO BSERVED IN VERNAL POO EXCELLENT HABITAT FOR IS. FEW AREAS LIKE THIS	Presence: Trend: VERSION DAM , KEL37.2, KEL DATA. DLS DURING THE SPECIES	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: AND 1.5 MILES WEST OF KEI 37.3 & KEL37.4. MAPPED PRII HE 2001 CRUSTACEAN SURV 5. HABITAT DIVERSE DUE TO	Site Last Seen: Record Last Updated: specific area 450 13.0 LSEY RESERVOIR, 3.3 MILES MARILY IN THE SW 1/4 OF SE	2001-XX-XX 2007-06-20 S ENE OF ECTION 36.



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Occurrence No.	446	Map Index: 69712	EO Index:	69329	Element Last Seen:	2001-XX-XX
Occ. Rank:	Excellent		Presence:	Presumed Extant	Site Last Seen:	2001-XX-XX
Occ. Type:	Natural/Nati	ve occurrence	Trend:	Unknown	Record Last Updated:	2007-08-29
Quad Summary:	Merced Falls	s (3712053)			•	
County Summary:	Merced	3 (37 12033)				
Lat/Long:	37.53902 / -	120 26024		Accuracy:	specific area	
UTM:		157923 E732423		Elevation (ft):	380	
PLSS:		, Sec. 31, SW (M)		Acres:	7.0	
	-				-	
Location:	1.7 MILES N SNELLING.	NORTH OF THE SNELLING	DIVERSION D	AM AND 0.7 MILE WEST OF KE	LSEY RESERVOIR, 3.9 MILE	S ENE OF
Detailed Location:		EL34.4. MAPPED IN THE S	SW 1/4 OF THE	SW 1/4 SECTION 31. LOCATIOI	N MAPPED USING DIGITAL I	DATA.
Ecological:	HABITAT C	ONSISTS OF A VERNAL P	00L.			
General:	PROVIDES		R THE SPECIES	E 2001 CRUSTACEAN SURVEY S. HABITAT DIVERSE DUE TO T ORNIA.		
Owner/Manager:	PVT-KELSE	YRANCH				
Owner/Manager: Occurrence No.	PVT-KELSE	Y RANCH Map Index: 69713	EO Index:	69326	Element Last Seen:	2001-XX-XX
_		-	EO Index: Presence:	69326 Presumed Extant	Element Last Seen: Site Last Seen:	2001-XX-XX 2001-XX-XX
Occurrence No.	447 Excellent	-				
Occurrence No. Occ. Rank:	447 Excellent	Map Index: 69713 ve occurrence	Presence:	Presumed Extant	Site Last Seen:	2001-XX-XX
Occurrence No. Occ. Rank: Occ. Type:	447 Excellent Natural/Nativ	Map Index: 69713 ve occurrence	Presence:	Presumed Extant	Site Last Seen:	2001-XX-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	447 Excellent Natural/Nati Merced Falls	Map Index: 69713 ve occurrence s (3712053)	Presence:	Presumed Extant	Site Last Seen:	2001-XX-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	447 Excellent Natural/Natir Merced Falls Merced 37.54159 / -	Map Index: 69713 ve occurrence s (3712053)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2001-XX-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	447 Excellent Natural/Natir Merced Falls Merced 37.54159 / - Zone-10 N4	Map Index: 69713 ve occurrence s (3712053) 120.36487	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: specific area	2001-XX-XX
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	447 Excellent Natural/Natir Merced Falls Merced 37.54159 / - Zone-10 N4 T04S, R15E	Map Index: 69713 ve occurrence s (3712053) 120.36487 158219 E732810 s, Sec. 31, SW (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: specific area 400 7.0	2001-XX-XX 2007-08-29
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	447 Excellent Natural/Natir Merced Falls Merced 37.54159 / - Zone-10 N4 T04S, R15E 1.9 MILES N SNELLING.	Map Index: 69713 ve occurrence s (3712053) 120.36487 158219 E732810 5, Sec. 31, SW (M) NORTH OF THE SNELLING	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 400 7.0 LSEY RESERVOIR, 4.2 MILE	2001-XX-XX 2007-08-29 S ENE OF
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	447 Excellent Natural/Natir Merced Falls Merced 37.54159 / - Zone-10 N4 T04S, R15E 1.9 MILES N SNELLING. POOL ID: K	Map Index: 69713 ve occurrence s (3712053) 120.36487 158219 E732810 5, Sec. 31, SW (M) NORTH OF THE SNELLING	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: AM AND 0.4 MILE WEST OF KE	Site Last Seen: Record Last Updated: specific area 400 7.0 LSEY RESERVOIR, 4.2 MILE	2001-XX-XX 2007-08-29 S ENE OF
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	447 Excellent Natural/Natir Merced Falls Merced 37.54159 / - Zone-10 N4 T04S, R15E 1.9 MILES N SNELLING. POOL ID: K HABITAT CO SPECIES O PROVIDES	Map Index: 69713 ve occurrence s (3712053) 120.36487 158219 E732810 c, Sec. 31, SW (M) NORTH OF THE SNELLING EL33.3. MAPPED IN THE N ONSISTS OF A VERNAL PO BSERVED IN VERNAL PO	Presence: Trend: DIVERSION D/ IE 1/4 OF THE S OOL. OL DURING TH R THE SPECIES	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: AM AND 0.4 MILE WEST OF KE SW 1/4 SECTION 31. LOCATION E 2001 CRUSTACEAN SURVEY S. HABITAT DIVERSE DUE TO	Site Last Seen: Record Last Updated: specific area 400 7.0 LSEY RESERVOIR, 4.2 MILE MAPPED USING DIGITAL D	2001-XX-XX 2007-08-29 S ENE OF DATA. DY AREA



California Department of Fish and Wildlife

California Natural Diversity Database



Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2014-09- Quad Summary: Snelling (3712054)	Occurrence No.	798	Map Index: 93981	EO Index:	95118		Element Last Seen:	2009-03-10
Quad Summary: Shelling [3712054) County Summary: Stanislaus Lat/Long: 37.30891 / -120.46031 Accuracy: specific area UTM: Zone-10 N4165235 E724181 Elevation (ft): 320 PLSS: TOHS, RHE, Sec. 08, NW (M) Accuracy: specific area Detailed Location: 0.6 MILE WSW OF LA GRANGE ROAD (ROAD J-59) AT THE STANISLAUS/MERCED COUNTY LINE, SOUTH OF LA GRANG Detailed Location: MAPPED TO POOL LOCATIONS FROM PROVIDED SHAPEFILE. Ecological: DWO NATURAL VERNAL POOLS 10 AND 11 INCHES DEEP AT TIME OF SURVEY, CALIFORNIA TIGER SALAMANDER CO- OCCURRED IN BOTH POOLS. General: DETECTED IN 1 POOL ON 5 MAR 2008. DETECTED IN 1 POOL ON 10 MAR 2009. Owner/Manager: PVT Occurrence No. 801 Map Index: 94011 EO Index: 95144 Element Last Seen: 2009-03 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2014-09 Quad Summary: Snelling (3712054) County Summary: specific area 200-03 Occurrence No. 801 Map Index: 94012 Elevation (ft): 300 PLSS: TO4S, R14E, Sec. 17 (M) Accuracy: sp	Occ. Rank:	Unknown		Presence:	Presumed E	Extant	Site Last Seen:	2009-03-10
County Summary: Stanislaus Lat/Long: 37.60691 / -120.46031 Accuracy: specific area UTM: Zone-10 AV16525 E724181 Elevation (th): 320 PLSS: T04S, R14E, Sac. 68, NW (M) Acres: 10.0 Location: 0.6 MILE WSW OF LA GRANGE ROAD (ROAD J-59) AT THE STANISLAUS/MRCED COUNTY LINE, SOUTH OF LA GRANGE Detailed Location: MAPPED TO POOL LOCATIONS FROM PROVIDED SHAPEFILE. Ecological: TWO NATURAL VENAL POOLS 10 AND 11 INCHES DEEP AT TIME OF SURVEY. CALIFORNIA TIGER SALAMANDER CO-OCCURRED IN BOTH POOLS. General: DETECTED IN 1 POOL ON 5 MAR 2008. DETECTED IN 1 POOL ON 10 MAR 2009. Owner/Manager: PVT Occ. Type: Naturik/Native occurrence Trend: Occ. Rank: Unknown Presence: Presumed Extant County Summary: Snelling (3712054) Elevation (th): 300 County Summary: Marced Elevation (th): 300 Lat/Long: 37.58936 / -120.45493 Accuracy: specific area UTM: Zone-10 M 1630301 E724708 Elevation (th): 300 PLSS: T04S, R14E, Sec. 17 (M) Accuracy: specific area 2008-03 Detailed Location:	Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown		Record Last Updated:	2014-09-29
County Summary: Stanislaus Lat/Long: 37.60691 / -120.46031 Accuracy: specific area UTM: Zone-10 AV16525 E724181 Elevation (th): 320 PLSS: T04S, R14E, Sac. 68, NW (M) Acres: 10.0 Location: 0.6 MILE WSW OF LA GRANGE ROAD (ROAD J-59) AT THE STANISLAUS/MRCED COUNTY LINE, SOUTH OF LA GRANGE Detailed Location: MAPPED TO POOL LOCATIONS FROM PROVIDED SHAPEFILE. Ecological: TWO NATURAL VENAL POOLS 10 AND 11 INCHES DEEP AT TIME OF SURVEY. CALIFORNIA TIGER SALAMANDER CO-OCCURRED IN BOTH POOLS. General: DETECTED IN 1 POOL ON 5 MAR 2008. DETECTED IN 1 POOL ON 10 MAR 2009. Owner/Manager: PVT Occ. Type: Naturik/Native occurrence Trend: Occ. Rank: Unknown Presence: Presumed Extant County Summary: Snelling (3712054) Elevation (th): 300 County Summary: Marced Elevation (th): 300 Lat/Long: 37.58936 / -120.45493 Accuracy: specific area UTM: Zone-10 M 1630301 E724708 Elevation (th): 300 PLSS: T04S, R14E, Sec. 17 (M) Accuracy: specific area 2008-03 Detailed Location:	Quad Summary:	Snelling (371	2054)					
UTM: Zone-10 N4165235 E724181 Elevation (ft): 320 PLSS: T04S, R14E, Sec. 08, NW (M) Acres: 10.0 Location: 0.6 MILE WSW OP LA GRANGE ROAD (ROAD J-59) AT THE STANISLAUS/MERCED COUNTY LINE, SOUTH OF LA GRANGE Detailed Location: MAPPED TO POOL LOCATIONS FROM PROVIDED SHAPEFILE. Ecological: TWO NATURAL VERNAL POOLS 10 AND 11 INCHES DEEP AT TIME OF SURVEY. CALIFORNIA TIGER SALAMANDER CO- OCCURRED IN BOTH POOLS. General: DETECTED IN 1 POOL ON 5 MAR 2008. DETECTED IN 1 POOL ON 10 MAR 2009. Owner/Manager: PVT Occurrence No. 801 Map Index: 94011 EO Index: 95144 Element Last Seen: 2009-03- Stoce. Rank: Owner/Manager: PVT Site Last Seen: 2009-03- Stoce. Rank: Site Last Seen: 2009-03- Stoce. Rank: Site Last Seen: 2009-03- Stoce. Rank: Outrome: Presence: Presence: Presence: Presence: Site Last Seen: 2009-03- Stoce. Rank: Outroms: Snelling (3712054) Elevation (ft): 300 Site Last Seen: 2009-03- Stoce. 2009-03- Stoce. County Summary: Merced Elevation (ft): 300 PLSS: T04-S.R14E, Sec. 17 (M) Accuracy: specific area LatLong: 10 AS.R14E, Sec. 17 (M) Acres: 66.0 Elevation (ft): 300	-	Stanislaus						
PLS: T04S, R14E, Sec. 08, NW (M) Acres: 10.0 Location: 0.6 MILE WSW OF LA GRANGE ROAD (ROAD J-59) AT THE STANISLAUS/MERCED COUNTY LINE, SOUTH OF LA GRANG Detailed Location: MAPPED TO POOL LOCATIONS FROM PROVIDED SHAPEFILE. Ecological: TWO NATURAL VERNAL POOLS 10 AND 11 INCHES DEEP AT TIME OF SURVEY. CALIFORNIA TIGER SALAMANDER CO-OCCURRED IN BOTH POOLS. General: DETECTED IN 1 POOL ON 5 MAR 2008. DETECTED IN 1 POOL ON 10 MAR 2009. Owner/Manager: PVT Occ. Rank: Unknown Presence: Presumed Extant Site Last Seen: 2009-03- Occ. 7kpr: Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2014-09- 2014-09- 2014-09- 2014 Quad Summary: Snelling (3712054) County Summary: Merced Lat/Long: 37.58936 / -120.45493 UTM: Zone-10 M4163301 E724708 Elevation (ft): 300 PLSS: T04S, R14E, Sec. 17 (M) Acres: 66.0 Location: 0.8 T0 1.9 MILES SOUTH OF LA GRANGE RD AT THE STANISLAUS/MERCED COUNTY LINE, SOUTH OF LA GRANGE. Detailed Location: MAPPED TO PROVIDED SHAPEFILE. Ecological: 1 ENHAN	Lat/Long:	37.60691 / -1	20.46031			Accuracy:	specific area	
Location: 0.04 MULE WSW OF LA GRANGE ROAD (ROAD J-59) AT THE STANISLAUS/MERCED COUNTY LINE, SOUTH OF LA GRANG Detailed Location: MAPPED TO POOL LOCATIONS FROM PROVIDED SHAPEFILE. Ecological: DETECTED IN 1 POOL S 10 AND 11 INCHES DEEP AT TIME OF SURVEY. CALIFORNIA TIGER SALAMANDER CO- OCCURRED IN BOTH POOLS. General: DETECTED IN 1 POOL ON 5 MAR 2008. DETECTED IN 1 POOL ON 10 MAR 2009. Owner/Manager: PVT Occurrence No. 801 Map Index: 94011 EO Index: 95144 Element Last Seen: 2009-03. Occ. Rank: Unknown Presence: Presumed Extant Site Last Seen: 2009-03. Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2014-09. Quad Summary: Merced Lat/Long: 37.58936 / -120.45493 Accuracy: specific area UTM: Zone-10 M4163301 E724708 Elevation (ft): 300 PLSS: T04S, R14E, Sec. 17 (M) Acres: 66.0 Location: 0.8 T0 1.9 MILES SOUTH OF LA GRANGE RD AT THE STANISLAUS/MERCED COUNTY LINE, SOUTH OF LA GRANGE. Detailed Location: MAPPED TO PROVIDED SHAPEFILE. Ecological: 1 ENHANCED AND 11 NATURAL VERNAL VORD S, FROM 5 T0 8 INCHES DEEP AT THE TIME OF SURVEY. General: FOUND IN 1 POOL ON 5 MAR 2008. FOUND IN 2 POOLS, ON 10 MAR 2009. Owner/Manager: PVT	UTM:	Zone-10 N41	65235 E724181			Elevation (ft):	320	
Detailed Location: MAPPED TO POOL LOCATIONS FROM PROVIDED SHAPEFILE. Ecological: TWO NATURAL VERNAL POOLS 10 AND 11 INCHES DEEP AT TIME OF SURVEY. CALIFORNIA TIGER SALAMANDER CO- OCCURRED IN BOTH POOLS. General: DETECTED IN 1 POOL ON 5 MAR 2008. DETECTED IN 1 POOL ON 10 MAR 2009. Owner/Manager: PVT Occurrence No. 801 Map Index: 94011 EO Index: 95144 Element Last Seen: 2009-03- 03- 03- 03- 03- 03- 03- 03- 03- 03-	PLSS:	T04S, R14E,	Sec. 08, NW (M)			Acres:	10.0	
Ecological: TWO NATURAL VERNAL POOLS 10 AND 11 INCHES DEEP AT TIME OF SURVEY. CALIFORNIA TIGER SALAMANDER CO-OCCURRED IN BOTH POOLS. General: DETECTED IN 1 POOL ON 5 MAR 2008. DETECTED IN 1 POOL ON 10 MAR 2009. Owner/Manager: PVT Occurrence No. 801 Map Index: 94011 EO Index: 95144 Element Last Seen: 2009-03-03-03-03-03-03-03-03-03-03-03-03-03-	Location:	0.6 MILE WS	W OF LA GRANGE ROAD	(ROAD J-59) A	T THE STAN	SLAUS/MERCED	COUNTY LINE, SOUTH OF L	A GRANGE.
OCCURRED IN BOTH POOLS. General: DETECTED IN 1 POOL ON 5 MAR 2008. DETECTED IN 1 POOL ON 10 MAR 2009. Owner/Manager: PVT Occurrence No. 801 Map Index: 94011 EO Index: 95144 Element Last Seen: 2009-03- Site Last Seen: 2009-03- Occ. Rank: Unknown Presence: Presumed Extant Site Last Seen: 2009-03- Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2014-09- Quad Summary: Gounty Summary: Merced Snelling (3712054) County Summary: Specific area County Summary: Merced Elevation (ft): 300 Quad Sumary: Specific area Lat/Long: 37.58936 / -120.45493 Accuracy: specific area Currence Turence Location: 0.8 TO 1.9 MILES SOUTH OF LA GRANGE RD AT THE STANISLAUS/MERCED COUNTY LINE, SOUTH OF LA GRANGE. Detailed Location: MAPPED TO PROVIDED SHAPEFILE. Ecological: 1 ENHANCED AND 11 NATURAL VERNAL POOLS, FROM 5 TO 8 INCHES DEEP AT THE TIME OF SURVEY. General: FOUND IN 1 POOL ON 5 MAR 2008. FOUND IN 2 POOLS ON 10 MAR 2009. Quad Sumary: Quad Summary: Quad Summary: 2008-03- Quad Summary: 2008-03- Quad Summary: 2008-03- Quad Summary: Quad Sumary: Site Last Seen: 2008-03- Quad Summary: 2008-03- Quad Summary:	Detailed Location:	MAPPED TO	POOL LOCATIONS FROM	I PROVIDED S	HAPEFILE.			
Owner/Manager: PVT Occurrence No. 801 Map Index: 94011 EO Index: 95144 Element Last Seen: 2009-03- 2009-03- Site Last Upknown Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2014-09- 2014-09- 2014-09- Quad Summary: Snelling (3712054) County Summary: Merced Elevation (ft): 300 Lat/Long: 37.58936 / -120.45493 Accuracy: specific area UTM: Zone-10 N4163301 E724708 Elevation (ft): 300 PLSS: T04S, R14E, Sec. 17 (M) Acres: 66.0 County Summary: MapPED TO PROVIDED SHAPEFILE. Ecological: 1 ENHANCED AND 11 NATURAL VERNAL POOLS, FROM 5 TO 8 INCHES DEEP AT THE TIME OF SURVEY. General: FOUND IN 1 POOL ON 5 MAR 2008. FOUND IN 2 POOLS ON 4 MAR AND 9 POOLS ON 10 MAR 2009. Owner/Manager: PVT Occurrence No. 802 Map Index: 94012 EO Index: 95145 Element Last Seen: 2008-03- 2008-03- 2008-03- Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2014-08- 2008-03- 2008-03- 2002 Quad Summary: Snelling (3712054) County Summary: Merced	Ecological:			ID 11 INCHES	DEEP AT TIM	E OF SURVEY. CA	ALIFORNIA TIGER SALAMAI	NDER CO-
Occurrence No. 801 Map Index: 94011 EO Index: 95144 Element Last Seen: 2009-03- Occ. Rank: Unknown Presence: Presumed Extant Site Last Seen: 2009-03- Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2014-09- Quad Summary: Snelling (3712054) County Summary: Merced Zone-10 N4163301 E724708 Elevation (ft): 300 Lat/Long: 37.58936 / -120.45493 Accuracy: specific area UTM: Zone-10 N4163301 E724708 Elevation (ft): 300 PLSS: T04S, R14E, Sec. 17 (M) Accers: 66.0 County Summary: South OF LA GRANGE RD AT THE STANISLAUS/MERCED COUNTY LINE, SOUTH OF LA GRANGE. Detailed Location: 0.8 TO 1.9 MILES SOUTH OF LA GRANGE RD AT THE STANISLAUS/MERCED COUNTY LINE, SOUTH OF LA GRANGE. Detailed Location: MAPPED TO PROVIDED SHAPEFILE. Elevation (ft): 300 Cocurrence No. 802 Map Index: 94012 EO Index: 95145 Element Last Seen: 2008-03- Occurrence No. 802 Map Index: 94012 EO Index: 95145 Element Last Updated: 2014-09- <tr< th=""><th>General:</th><th>DETECTED I</th><th>N 1 POOL ON 5 MAR 2008</th><th>. DETECTED I</th><th>N 1 POOL ON</th><th>10 MAR 2009.</th><th></th><th></th></tr<>	General:	DETECTED I	N 1 POOL ON 5 MAR 2008	. DETECTED I	N 1 POOL ON	10 MAR 2009.		
Occ. Rank: Unknown Presence: Presumed Extant Site Last Seen: 2009-03- Occ. Rank: Natural/Native occurrence Trend: Unknown Record Last Updated: 2014-09- Quad Summary: Snelling (3712054) County Summary: Merced Image: Specific area 2014-09- Lat/Long: 37.58936 / -120.45493 Accuracy: specific area Image: Specific area Image: Specific area UTM: Zone-10 N4163301 E724708 Elevation (ft): 300 Image: Specific area Image: Specific area UTM: Zone-10 N4163301 E724708 Elevation (ft): 300 Image: Specific area Image: Specific area UTM: Zone-10 N4163301 E724708 Elevation (ft): 300 Image: Specific area Image: Specific area Location: 0.8 TO 1.9 MILES SOUTH OF LA GRANGE RD AT THE STANISLAUS/MERCED COUNTY LINE, SOUTH OF LA GRANGE. Detailed Location: MAPPED TO PROVIDED SHAPEFILE. Ecological: 1 ENHANCED AND 11 NATURAL VERNAL POOLS, FROM 5 TO 8 INCHES DEEP AT THE TIME OF SURVEY. General: FOUND IN 1 POOL ON 5 MAR 2008. FOUND IN 2 POOLS ON 4 MAR AND 9 POOLS ON 10 MAR 2009. Owner/Manage: 2008-03- Occ. Rank: Unknown Presence: Presumed Extant	Owner/Manager:	PVT						
Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2014-09- Quad Summary: Snelling (3712054) County Summary: Merced Image: County Summary: Specific area Lat/Long: 37.58936 / -120.45493 Accuracy: specific area Unknown Record Last Updated: 2014-09- UTM: Zone-10 N4163301 E724708 Elevation (ft): 300 PLSS: T04S, R14E, Sec. 17 (M) Accuracy: specific area Location: 0.8 TO 1.9 MLES SOUTH OF LA GRANGE RD AT THE STANISLAUS/MERCED COUNTY LINE, SOUTH OF LA GRANGE. Elevation (ft): 300 Detailed Location: MAPPED TO PROVIDED SHAPEFILE. Ecological: 1 ENHANCED AND 11 NATURAL VERNAL POOLS, FROM 5 TO 8 INCHES DEEP AT THE TIME OF SURVEY. General: FOUND IN 1 POOL ON 5 MAR 2008. FOUND IN 2 POOLS ON 4 MAR AND 9 POOLS ON 10 MAR 2009. Z008-03- Occ. Rank: Z008-03- Occ. Rank: Site Last Seen: 2008-03- Occ. Rank: Z008-03- Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2014-09- Z008-03- Occ. Quad Summary: Snelling (3712054) County Summary: Site Last Seen: 2008-03- Z008-03- Occ. Z008-03- Z008-03- Occ. Z008-03- Z008-03- Occ. Z008-03- Z008-03- COC. <	Occurrence No.	801	Map Index: 94011	EO Index:	95144		Element Last Seen:	2009-03-10
Quad Summary: Snelling (3712054) County Summary: Merced Lat/Long: 37.58936 / -120.45493 Accuracy: specific area UTM: Zone-10 N4163301 E724708 Elevation (ft): 300 PLSS: T04S, R14E, Sec. 17 (M) Acres: 66.0 Location: 0.8 TO 1.9 MILES SOUTH OF LA GRANGE RD AT THE STANISLAUS/MERCED COUNTY LINE, SOUTH OF LA GRANGE. Detailed Location: MAPPED TO PROVIDED SHAPEFILE. Ecological: 1 ENHANCED AND 11 NATURAL VERNAL POOLS, FROM 5 TO 8 INCHES DEEP AT THE TIME OF SURVEY. General: FOUND IN 1 POOL ON 5 MAR 2008. FOUND IN 2 POOLS ON 4 MAR AND 9 POOLS ON 10 MAR 2009. Owner/Manager: PVT Occurrence No. 802 Map Index: 94012 EO Index: 95145 Element Last Seen: 2008-03-03-03-05-03-05-05-05-05-05-05-05-05-05-05-05-05-05-	Occ. Rank:	Unknown		Presence:	Presumed E	Extant	Site Last Seen:	2009-03-10
County Summary: Merced Lat/Long: 37.58936 / -120.45493 Accuracy: specific area UTM: Zone-10 N4163301 E724708 Elevation (ft): 300 PLSS: T04S, R14E, Sec. 17 (M) Acres: 66.0 Location: 0.8 TO 1.9 MILES SOUTH OF LA GRANGE RD AT THE STANISLAUS/MERCED COUNTY LINE, SOUTH OF LA GRANGE. Detailed Location: MAPPED TO PROVIDED SHAPEFILE. Ecological: 1 ENHANCED AND 11 NATURAL VERNAL POOLS, FROM 5 TO 8 INCHES DEEP AT THE TIME OF SURVEY. General: FOUND IN 1 POOL ON 5 MAR 2008. FOUND IN 2 POOLS ON 4 MAR AND 9 POOLS ON 10 MAR 2009. Owner/Manager: PVT Occurrence No. 802 Map Index: 94012 EO Index: 95145 Element Last Seen: 2008-03- 2008-03- 2008-03- 00cc. Type: Occurrence No. 802 Map Index: 94012 EO Index: 95145 Site Last Seen: 2008-03- 2008-03- 00cc. Type: Quad Summary: Snelling (3712054) County Summary: Record Last Updated: 2014-09- 2014-09- 2014-09- 2014-09- 2014-09- Quad Summary: Snelling (3712054) County Summary: Specific area UTM: Zone-10 N4163694 E727670 Elevation (ft): 300 PLSS: <th>Осс. Туре:</th> <th>Natural/Nativ</th> <th>e occurrence</th> <th>Trend:</th> <th>Unknown</th> <th></th> <th>Record Last Updated:</th> <th>2014-09-30</th>	Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown		Record Last Updated:	2014-09-30
Lat/Long: 37.58936 / -120.45493 Accuracy: specific area UTM: Zone-10 N4163301 E724708 Elevation (ft): 300 PLSS: T04S, R14E, Sec. 17 (M) Acres: 66.0 Location: 0.8 TO 1.9 MILES SOUTH OF LA GRANGE RD AT THE STANISLAUS/MERCED COUNTY LINE, SOUTH OF LA GRANGE. Detailed Location: MAPPED TO PROVIDED SHAPEFILE. Ecological: 1 ENHANCED AND 11 NATURAL VERNAL POOLS, FROM 5 TO 8 INCHES DEEP AT THE TIME OF SURVEY. General: FOUND IN 1 POOL ON 5 MAR 2008. FOUND IN 2 POOLS ON 4 MAR AND 9 POOLS ON 10 MAR 2009. Owner/Manager: PVT Occurrence No. 802 Map Index: 94012 EO Index: 95145 Element Last Seen: 2008-03- Site Last Seen: 2008-03- County Summary: Occ. Rank: Unknown Presence: Presumed Extant Site Last Seen: 2008-03- County Summary: Quad Summary: Snelling (3712054) County Summary: Snelling (3712054) Zone-10 N4163694 E727670 Elevation (ft): 300 PLSS: T04S, R14E, Sec. 15, NW (M) Acres: 17.0 Location: 0.9 MILE NNE OF LA GRANGE RD AT DRY CREEK & 2 MILES SE OF LA GRANGE RD AT STANISLAUS/MERCED COUNTY	Quad Summary:	Snelling (371	2054)					
UTM: Zone-10 N4163301 E724708 Elevation (ft): 300 PLSS: T04S, R14E, Sec. 17 (M) Acres: 66.0 Location: 0.8 TO 1.9 MILES SOUTH OF LA GRANGE RD AT THE STANISLAUS/MERCED COUNTY LINE, SOUTH OF LA GRANGE. Detailed Location: MAPPED TO PROVIDED SHAPEFILE. Ecological: 1 ENHANCED AND 11 NATURAL VERNAL POOLS, FROM 5 TO 8 INCHES DEEP AT THE TIME OF SURVEY. General: FOUND IN 1 POOL ON 5 MAR 2008. FOUND IN 2 POOLS ON 4 MAR AND 9 POOLS ON 10 MAR 2009. Owner/Manager: PVT Occurrence No. 802 Map Index: 94012 EO Index: 95145 Element Last Seen: 2008-03- Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2014-09- Quad Summary: Snelling (3712054) County Summary: Specific area UTM: 300 Lat/Long: 37.59217 / -120.42129 Accuracy: specific area UTM: 300 PLSS: T04S, R14E, Sec. 15, NW (M) Acres: 17.0 I7.0 Location: 0.9 MILE NNE OF LA GRANGE RD AT DRY CREEK & 2 MILES SE OF LA GRANGE RD AT STANISLAUS/MERCED COUNTY	County Summary:	Merced						
PLSS: T04S, R14E, Sec. 17 (M) Acres: 66.0 Location: 0.8 TO 1.9 MILES SOUTH OF LA GRANGE RD AT THE STANISLAUS/MERCED COUNTY LINE, SOUTH OF LA GRANGE. Detailed Location: MAPPED TO PROVIDED SHAPEFILE. Ecological: 1 ENHANCED AND 11 NATURAL VERNAL POOLS, FROM 5 TO 8 INCHES DEEP AT THE TIME OF SURVEY. General: FOUND IN 1 POOL ON 5 MAR 2008. FOUND IN 2 POOLS ON 4 MAR AND 9 POOLS ON 10 MAR 2009. Owmer/Manager: PVT Occurrence No. 802 Map Index: 94012 EO Index: 95145 Element Last Seen: 2008-03- Occ. Rank: Unknown Presence: Presumed Extant Site Last Seen: 2008-03- Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2014-09- Quad Summary: Snelling (3712054) County Summary: Merced Elevation (ft): 300 PLSS: T04S, R14E, Sec. 15, NW (M) Acres: 17.0 Location: 0.9 MILE NNE OF LA GRANGE RD AT DRY CREEK & 2 MILES SE OF LA GRANGE RD AT STANISLAUS/MERCED COUNTY	Lat/Long:	37.58936 / -1	20.45493			Accuracy:	specific area	
Location: 0.8 TO 1.9 MILES SOUTH OF LA GRANGE RD AT THE STANISLAUS/MERCED COUNTY LINE, SOUTH OF LA GRANGE. Detailed Location: MAPPED TO PROVIDED SHAPEFILE. Ecological: 1 ENHANCED AND 11 NATURAL VERNAL POOLS, FROM 5 TO 8 INCHES DEEP AT THE TIME OF SURVEY. General: FOUND IN 1 POOL ON 5 MAR 2008. FOUND IN 2 POOLS ON 4 MAR AND 9 POOLS ON 10 MAR 2009. Owner/Manager: PVT Occurrence No. 802 Map Index: 94012 EO Index: 95145 Element Last Seen: 2008-03- Occ. Rank: Unknown Presence: Presumed Extant Site Last Seen: 2008-03- Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2014-09- Quad Summary: Snelling (3712054) County Summary: Merced Image: 37.59217 / -120.42129 Accuracy: specific area Lat/Long: 37.59217 / -120.42129 Accuracy: specific area UTM: 20ne-10 N4163694 E727670 Elevation (ft): 300 PLSS: To4S, R14E, Sec. 15, NW (M) Acres: 17.0 Image: 17.0 Location: 0.9 MILE NNE OF LA GRANGE RD AT DRY CREEK & 2 MILES SE OF LA GRANGE RD AT STANISLAUS/MERCED COUNTY Image: 17.0 <th>UTM:</th> <th>Zone-10 N41</th> <th>63301 E724708</th> <th></th> <th></th> <th>Elevation (ft):</th> <th>300</th> <th></th>	UTM:	Zone-10 N41	63301 E724708			Elevation (ft):	300	
Detailed Location: MAPPED TO PROVIDED SHAPEFILE. Ecological: 1 ENHANCED AND 11 NATURAL VERNAL POOLS, FROM 5 TO 8 INCHES DEEP AT THE TIME OF SURVEY. General: FOUND IN 1 POOL ON 5 MAR 2008. FOUND IN 2 POOLS ON 4 MAR AND 9 POOLS ON 10 MAR 2009. Owner/Manager: PVT Occurrence No. 802 Map Index: 94012 EO Index: 95145 Element Last Seen: 2008-03-03-03-03-03-03-03-03-03-03-03-03-03-	PLSS:	T04S, R14E,	Sec. 17 (M)			Acres:	66.0	
Ecological: 1 ENHANCED AND 11 NATURAL VERNAL POOLS, FROM 5 TO 8 INCHES DEEP AT THE TIME OF SURVEY. General: FOUND IN 1 POOL ON 5 MAR 2008. FOUND IN 2 POOLS ON 4 MAR AND 9 POOLS ON 10 MAR 2009. Owner/Manager: PVT Occurrence No. 802 Map Index: 94012 EO Index: 95145 Element Last Seen: 2008-03-03-03-03-03-03-03-03-03-03-03-03-03-	Location:	0.8 TO 1.9 M	ILES SOUTH OF LA GRAN	GE RD AT THE	E STANISLAU	S/MERCED COUN	ITY LINE, SOUTH OF LA GR	ANGE.
General: FOUND IN 1 POOL ON 5 MAR 2008. FOUND IN 2 POOLS ON 4 MAR AND 9 POOLS ON 10 MAR 2009. Owner/Manager: PVT Occurrence No. 802 Map Index: 94012 EO Index: 95145 Element Last Seen: 2008-03- Occ. Rank: Unknown Presence: Presumed Extant Site Last Seen: 2014-09- Quad Summary: Snelling (3712054) Trend: Unknown Record Last Updated: 2014-09- Quad Summary: Snelling (3712054) Accuracy: specific area Specific area UTM: Zone-10 N4163694 E727670 Elevation (ft): 300 PLSS: TO4S, R14E, Sec. 15, NW (M) Acres: 17.0 Location: 0.9 MILE NNE OF LA GRANGE RD AT DRY CREEK & 2 MILES SE OF LA GRANGE RD AT STANISLAUS/MERCED COUNTY Status Sec. 12 MILE SE OF LA GRANGE RD AT STANISLAUS/MERCED COUNTY	Detailed Location:	MAPPED TO	PROVIDED SHAPEFILE.					
Owner/Manager: PVT Occurrence No. 802 Map Index: 94012 EO Index: 95145 Element Last Seen: 2008-03- Occ. Rank: Unknown Presence: Presumed Extant Site Last Seen: 2008-03- Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2014-09- Quad Summary: Snelling (3712054) Kerced <	Ecological:	1 ENHANCE	D AND 11 NATURAL VERN	IAL POOLS, FF	ROM 5 TO 8 IN	ICHES DEEP AT T	THE TIME OF SURVEY.	
Occurrence No. 802 Map Index: 94012 EO Index: 95145 Element Last Seen: 2008-03- Occ. Rank: Unknown Presence: Presumed Extant Site Last Seen: 2008-03- Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2014-09- Quad Summary: Snelling (3712054) Snelling (3712054) Accuracy: specific area 2008-03- County Summary: Merced Marced Unknown Record Last Updated: 2014-09- Lat/Long: 37.59217 / -120.42129 Accuracy: specific area 2008-03- UTM: Zone-10 N4163694 E727670 Elevation (ft): 300 2014-09- PLSS: T04S, R14E, Sec. 15, NW (M) Acres: 17.0 2008-03- Location: 0.9 MILE NNE OF LA GRANGE RD AT DRY CREEK & 2 MILES SE OF LA GRANGE RD AT STANISLAUS/MERCED COUNTY	General:	FOUND IN 1	POOL ON 5 MAR 2008. FC	OUND IN 2 POC	DLS ON 4 MAF	R AND 9 POOLS O	N 10 MAR 2009.	
Occ. Rank:UnknownPresence:Presumed ExtantSite Last Seen:2008-03-Occ. Type:Natural/Native occurrenceTrend:UnknownRecord Last Updated:2014-09-Quad Summary:Snelling (3712054)Snelling (3712054)Accuracy:specific areaCounty Summary:MercedAccuracy:specific areaLat/Long:37.59217 / -120.42129Accuracy:specific areaUTM:Zone-10 N4163694 E727670Elevation (ft):300PLSS:T04S, R14E, Sec. 15, NW (M)Acres:17.0Location:0.9 MILE NNE OF LA GRANGE RD AT DRY CREEK & 2 MILES SE OF LA GRANGE RD AT STANISLAUS/MERCED COUNTY	Owner/Manager:	PVT						
Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2014-09- Quad Summary: Snelling (3712054) Kerced K	Occurrence No.	802	Map Index: 94012	EO Index:	95145		Element Last Seen:	2008-03-05
Quad Summary: Snelling (3712054) County Summary: Merced Lat/Long: 37.59217 / -120.42129 Accuracy: specific area UTM: Zone-10 N4163694 E727670 Elevation (ft): 300 PLSS: T04S, R14E, Sec. 15, NW (M) Acres: 17.0 Location: 0.9 MILE NNE OF LA GRANGE RD AT DRY CREEK & 2 MILES SE OF LA GRANGE RD AT STANISLAUS/MERCED COUNTY	Occ. Rank:	Unknown		Presence:	Presumed E	Extant	Site Last Seen:	2008-03-05
County Summary: Merced Lat/Long: 37.59217 / -120.42129 Accuracy: specific area UTM: Zone-10 N4163694 E727670 Elevation (ft): 300 PLSS: T04S, R14E, Sec. 15, NW (M) Acres: 17.0 Location: 0.9 MILE NNE OF LA GRANGE RD AT DRY CREEK & 2 MILES SE OF LA GRANGE RD AT STANISLAUS/MERCED COUNTY	Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown		Record Last Updated:	2014-09-30
Lat/Long: 37.59217 / -120.42129 Accuracy: specific area UTM: Zone-10 N4163694 E727670 Elevation (ft): 300 PLSS: T04S, R14E, Sec. 15, NW (M) Acres: 17.0 Location: 0.9 MILE NNE OF LA GRANGE RD AT DRY CREEK & 2 MILES SE OF LA GRANGE RD AT STANISLAUS/MERCED COUNTY	Quad Summary:	Snelling (371	2054)					
UTM: Zone-10 N4163694 E727670 Elevation (ft): 300 PLSS: T04S, R14E, Sec. 15, NW (M) Acres: 17.0 Location: 0.9 MILE NNE OF LA GRANGE RD AT DRY CREEK & 2 MILES SE OF LA GRANGE RD AT STANISLAUS/MERCED COUNTY	County Summary:	Merced						
PLSS: T04S, R14E, Sec. 15, NW (M) Acres: 17.0 Location: 0.9 MILE NNE OF LA GRANGE RD AT DRY CREEK & 2 MILES SE OF LA GRANGE RD AT STANISLAUS/MERCED COUNTY	Lat/Long:	37.59217 / -1	20.42129			Accuracy:	specific area	
Location: 0.9 MILE NNE OF LA GRANGE RD AT DRY CREEK & 2 MILES SE OF LA GRANGE RD AT STANISLAUS/MERCED COUNTY	UTM:	Zone-10 N41	63694 E727670			Elevation (ft):	300	
	PLSS:	T04S, R14E,	Sec. 15, NW (M)			Acres:	17.0	
	Location:			DRY CREEK &	2 MILES SE C	OF LA GRANGE RI	O AT STANISLAUS/MERCED	COUNTY
Detailed Location: MAPPED TO PROVIDED SHAPEFILE.	Detailed Location:	-						
Ecological: NATURAL VERNAL POOLS, FROM 8 TO 15 INCHES DEEP AT TIME OF SURVEY, WITH 11-50% VEGETATIVE COVER.	Ecological:	NATURAL VI	ERNAL POOLS, FROM 8 TO	O 15 INCHES [DEEP AT TIME	E OF SURVEY, WI	TH 11-50% VEGETATIVE CO	VER.
General: DETECTED IN 5 POOLS ON 5 MAR 2008.	General:							
Owner/Manager: PVT	Owner/Manager:	PVT						

Commercial Version -- Dated July, 31 2016 -- Biogeographic Data Branch Report Printed on Monday, August 29, 2016





California linderie	identalis ella					Elemer	nt Code: ICBR	A06010
Listing Status:	Federal:	None		CNDDB Element	t Ranks:	Global:	G2G3	
	State:	None				State:	S2S3	
	Other:	IUCN_NT-Near Threatened						
Habitat:	General:	SEASONAL POOLS IN UN SANDSTONE DEPRESSIO		SLANDS WITH OLD ALLU	IVIAL SOIL	LS UNDEF	RLAIN BY HAR	DPAN OR IN
	Micro:	WATER IN THE POOLS HA	AS VERY LOW A	ALKALINITY, CONDUCTIVI	ITY, AND	TDS.		
Occurrence No.	270	Map Index: 69704	EO Index:	70489		Element I	Last Seen:	2001-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed Extant		Site Last	Seen:	2001-XX-XX
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown		Record L	ast Updated:	2007-08-01
Quad Summary:	Snelling (3	712054)						
County Summary:	Merced							
Lat/Long:	37.55730/	-120.41527		Accuracy:	80	0 meters		
UTM:	Zone-10 N	4159839 E728309		Elevation ((ft): 32	20		
PLSS:	T04S, R14	E, Sec. 27, SE (M)		Acres:	0.	.0		
Location:	0.75 MILE	SOUTHEAST OF THE INTE	RSECTION OF I	FIELDS ROAD AND HIGHV	VAY 59, 2.	.8 MILES I	NNE OF SNEL	LING.
Detailed Location:	POOL ID:			E 1/4 SECTION 27. LOCAT	ΤΙΟΝ ΜΑΡ			
			E 1/4 OF THE S				NO DIONAL DI	ATA.
Ecological:		CONSISTS OF A POOL.	E 1/4 OF THE 3			1 20 000		ATA.
Ecological: General:	HABITAT (CONSISTS OF A POOL. OBSERVED IN VERNAL POO	OLS DURING TH	HE 2001 CRUSTACEAN SU	-			
-	HABITAT (SPECIES OFFERS H	CONSISTS OF A POOL.	OLS DURING TH	HE 2001 CRUSTACEAN SU	-			
General:	HABITAT (SPECIES OFFERS H	CONSISTS OF A POOL. OBSERVED IN VERNAL POO HIGH QUALITY AND QUANT	OLS DURING TH	HE 2001 CRUSTACEAN SU	JRVEYS.	MERCED		
General: Owner/Manager:	HABITAT (SPECIES OFFERS F PVT-RICH	CONSISTS OF A POOL. OBSERVED IN VERNAL POO HIGH QUALITY AND QUANT ARDS RANCH	OLS DURING TH ITY OF HABITA	HE 2001 CRUSTACEAN SU T."	JRVEYS.	MERCED	COUNTY "STU	JDY AREA
General: Owner/Manager: Occurrence No.	HABITAT (SPECIES OFFERS H PVT-RICH 271 Unknown	CONSISTS OF A POOL. OBSERVED IN VERNAL POO HIGH QUALITY AND QUANT ARDS RANCH	OLS DURING TH ITY OF HABITA EO Index:	HE 2001 CRUSTACEAN SU T." 70490	JRVEYS.	MERCED Element I Site Last	COUNTY "STU	JDY AREA 2001-XX-XX
General: Owner/Manager: Occurrence No. Occ. Rank:	HABITAT (SPECIES OFFERS H PVT-RICH 271 Unknown	CONSISTS OF A POOL. OBSERVED IN VERNAL POO HIGH QUALITY AND QUANT ARDS RANCH Map Index: 69705 tive occurrence	OLS DURING TH ITY OF HABITA EO Index: Presence:	HE 2001 CRUSTACEAN SU T." 70490 Presumed Extant	JRVEYS.	MERCED Element I Site Last	COUNTY "STU Last Seen: Seen:	JDY AREA 2001-XX-XX 2001-XX-XX
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	HABITAT (SPECIES OFFERS H PVT-RICH 271 Unknown Natural/Na	CONSISTS OF A POOL. OBSERVED IN VERNAL POO HIGH QUALITY AND QUANT ARDS RANCH Map Index: 69705 tive occurrence	OLS DURING TH ITY OF HABITA EO Index: Presence:	HE 2001 CRUSTACEAN SU T." 70490 Presumed Extant	JRVEYS.	MERCED Element I Site Last	COUNTY "STU Last Seen: Seen:	JDY AREA 2001-XX-XX 2001-XX-XX
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	HABITAT (SPECIES OFFERS H PVT-RICH 271 Unknown Natural/Na Snelling (3 Merced	CONSISTS OF A POOL. OBSERVED IN VERNAL POO HIGH QUALITY AND QUANT ARDS RANCH Map Index: 69705 tive occurrence	OLS DURING TH ITY OF HABITA EO Index: Presence:	HE 2001 CRUSTACEAN SU T." 70490 Presumed Extant	JRVEYS.	MERCED Element I Site Last	COUNTY "STU Last Seen: Seen: ast Updated:	JDY AREA 2001-XX-XX 2001-XX-XX
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	HABITAT (SPECIES OFFERS F PVT-RICH 271 Unknown Natural/Na Snelling (3 Merced 37.54504 /	CONSISTS OF A POOL. OBSERVED IN VERNAL POO HIGH QUALITY AND QUANT ARDS RANCH Map Index: 69705 tive occurrence 712054)	OLS DURING TH ITY OF HABITA EO Index: Presence:	HE 2001 CRUSTACEAN SU T." 70490 Presumed Extant Unknown	JRVEYS. I	MERCED Element I Site Last Record L	COUNTY "STU Last Seen: Seen: ast Updated:	JDY AREA 2001-XX-XX 2001-XX-XX
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	HABITAT (SPECIES OFFERS H PVT-RICH 271 Unknown Natural/Na Snelling (3 Merced 37.54504 / Zone-10 N	CONSISTS OF A POOL. OBSERVED IN VERNAL POO HIGH QUALITY AND QUANT ARDS RANCH Map Index: 69705 tive occurrence 712054)	OLS DURING TH ITY OF HABITA EO Index: Presence:	HE 2001 CRUSTACEAN SU T." 70490 Presumed Extant Unknown Accuracy:	JRVEYS. I	MERCED Element I Site Last Record L	COUNTY "STU Last Seen: Seen: ast Updated:	JDY AREA 2001-XX-XX 2001-XX-XX
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	HABITAT (SPECIES OFFERS F PVT-RICH 271 Unknown Natural/Na Snelling (3 Merced 37.54504 / Zone-10 N T04S, R14	CONSISTS OF A POOL. OBSERVED IN VERNAL POO HIGH QUALITY AND QUANT ARDS RANCH Map Index: 69705 tive occurrence 712054) 7-120.41218 4158486 E728619	OLS DURING TH ITY OF HABITA EO Index: Presence: Trend:	HE 2001 CRUSTACEAN SU 70490 Presumed Extant Unknown Accuracy: Elevation (Acres:	JRVEYS. 1 sr (ft): 30 5.	MERCED Element I Site Last Record L	COUNTY "STU Last Seen: Seen: ast Updated:	JDY AREA 2001-XX-XX 2001-XX-XX
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	HABITAT (SPECIES OFFERS H PVT-RICH 271 Unknown Natural/Na Snelling (3 Merced 37.54504 / Zone-10 N T04S, R14 0.75 MILE	CONSISTS OF A POOL. OBSERVED IN VERNAL POO HIGH QUALITY AND QUANT ARDS RANCH Map Index: 69705 tive occurrence 712054) 7-120.41218 4158486 E728619 E, Sec. 34, NE (M) EAST OF HIGHWAY 59 ANE RIC11.3. MAPPED CENTRAL	OLS DURING TH ITY OF HABITA EO Index: Presence: Trend:	HE 2001 CRUSTACEAN SU 70490 Presumed Extant Unknown Accuracy: Elevation (Acres: JTH OF FIELDS ROAD, 2.7	URVEYS. 1 (ft): 30 5. 1 MILES N	MERCED Element I Site Last Record L Decific area 00 .0 NE OF SNE	COUNTY "STU Last Seen: Seen: ast Updated: a	JDY AREA 2001-XX-XX 2001-XX-XX 2007-08-02
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	HABITAT (SPECIES OFFERS H PVT-RICH 271 Unknown Natural/Na Snelling (3 Merced 37.54504 / Zone-10 N T04S, R14 0.75 MILE POOL ID: DIGITAL D	CONSISTS OF A POOL. OBSERVED IN VERNAL POO HIGH QUALITY AND QUANT ARDS RANCH Map Index: 69705 tive occurrence 712054) 7-120.41218 4158486 E728619 E, Sec. 34, NE (M) EAST OF HIGHWAY 59 ANE RIC11.3. MAPPED CENTRAL	OLS DURING TH ITY OF HABITA EO Index: Presence: Trend:	HE 2001 CRUSTACEAN SU 70490 Presumed Extant Unknown Accuracy: Elevation (Acres: JTH OF FIELDS ROAD, 2.7	URVEYS. 1 (ft): 30 5. 1 MILES N	MERCED Element I Site Last Record L Decific area 00 .0 NE OF SNE	COUNTY "STU Last Seen: Seen: ast Updated: a	JDY AREA 2001-XX-XX 2001-XX-XX 2007-08-02
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	HABITAT (SPECIES OFFERS F PVT-RICH 271 Unknown Natural/Na Snelling (3 Merced 37.54504 / Zone-10 N T04S, R14 0.75 MILE POOL ID: DIGITAL D HABITAT (SPECIES	CONSISTS OF A POOL. OBSERVED IN VERNAL POO HIGH QUALITY AND QUANT ARDS RANCH Map Index: 69705 tive occurrence 712054) 7-120.41218 4158486 E728619 E, Sec. 34, NE (M) EAST OF HIGHWAY 59 ANE RIC11.3. MAPPED CENTRAL	OLS DURING THE ITY OF HABITA EO Index: Presence: Trend: 0 1.5 MILES SOU	HE 2001 CRUSTACEAN SU 70490 Presumed Extant Unknown Accuracy: Elevation (Acres: JTH OF FIELDS ROAD, 2.7 JTH 1/2 OF THE NE 1/4 SE HE 2001 CRUSTACEAN SU	SF (ft): 30 5. 1 MILES N ECTION 34	MERCED Element I Site Last Record L Decific area 00 .0 NE OF SNE 4. LOCATI	COUNTY "STU Last Seen: Seen: ast Updated: a ELLING.	JDY AREA 2001-XX-XX 2001-XX-XX 2007-08-02 JSING



California Department of Fish and Wildlife



Occurrence No.	272	Map Index: 69706	EO Index:	70491		Element Last Seen:	2001-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	2001-XX-XX
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown		Record Last Updated:	2007-08-02
Quad Summary:	Snelling (37	12054)					
County Summary:	Merced						
Lat/Long:	37.54708 / -	120.39300			Accuracy:	specific area	
UTM:	Zone-10 N4	158758 E730308			Elevation (ft):	350	
PLSS:	T04S, R14E	, Sec. 35, NE (M)			Acres:	12.0	
Location:	1.6-1.8 MILE	ES EAST OF HIGHWAY 59 A	ND 1.2 MILES	SOUTH OF F	IELDS ROAD, 3 M	ILES NE OF SNELLING.	
Detailed Location:		IC20.1, RIC21.2, RIC21.3. M. MAPPED USING DIGITAL D		E NW 1/4 OF T	HE NE 1/4 AND C	ENTRALLY IN THE NE 1/4 S	ECTION 35.
Ecological:	HABITAT C	ONSISTS OF POOLS.					
General:		BSERVED IN VERNAL POO GH QUALITY AND QUANTIT			STACEAN SURVE	YS. MERCED COUNTY "STU	JDY AREA
Owner/Manager:	PVT-RICHA	RDS RANCH					
Occurrence No.	273	Map Index: 69707	EO Index:	70492		Element Last Seen:	2001-XX-XX
Occurrence No. Occ. Rank:	273 Unknown	Map Index: 69707	EO Index: Presence:	70492 Presumed E	xtant	Element Last Seen: Site Last Seen:	2001-XX-XX 2001-XX-XX
	Unknown	Map Index: 69707			xtant		
Occ. Rank:	Unknown	ve occurrence	Presence:	Presumed E	xtant	Site Last Seen:	2001-XX-XX
Occ. Rank: Occ. Type:	Unknown Natural/Nati	ve occurrence	Presence:	Presumed E	xtant	Site Last Seen:	2001-XX-XX
Occ. Rank: Occ. Type: Quad Summary:	Unknown Natural/Nati Snelling (37	ve occurrence 12054)	Presence:	Presumed E	xtant Accuracy:	Site Last Seen:	2001-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Unknown Natural/Nati Snelling (37 Merced 37.55557 / -	ve occurrence 12054)	Presence:	Presumed E		Site Last Seen: Record Last Updated:	2001-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Unknown Natural/Nati Snelling (37 Merced 37.55557 / - Zone-10 N4	ve occurrence 12054) 120.40104	Presence:	Presumed E	Accuracy:	Site Last Seen: Record Last Updated: specific area	2001-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Unknown Natural/Nati Snelling (37 Merced 37.55557 / - Zone-10 N4 T04S, R14E	ve occurrence 12054) 120.40104 159682 E729571	Presence: Trend:	Presumed E Unknown	Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 310 5.0	2001-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Nati Snelling (37 Merced 37.55557 / - Zone-10 N4 T04S, R14E 1.4 MILES E	ve occurrence 12054) 120.40104 159682 E729571 5, Sec. 26, SW (M) EAST OF HIGHWAY 59 AND	Presence: Trend:	Presumed E Unknown	Accuracy: Elevation (ft): Acres: S ROAD, 3 MILES	Site Last Seen: Record Last Updated: specific area 310 5.0	2001-XX-XX 2007-08-02
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Nati Snelling (37 Merced 37.55557 / - Zone-10 N4 T04S, R14E 1.4 MILES E POOL ID: R	ve occurrence 12054) 120.40104 159682 E729571 5, Sec. 26, SW (M) EAST OF HIGHWAY 59 AND	Presence: Trend:	Presumed E Unknown	Accuracy: Elevation (ft): Acres: S ROAD, 3 MILES	Site Last Seen: Record Last Updated: specific area 310 5.0 NE OF SNELLING.	2001-XX-XX 2007-08-02
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Unknown Natural/Nati Snelling (37 Merced 37.55557 / - Zone-10 N4 T04S, R14E 1.4 MILES E POOL ID: R HABITAT C SPECIES O	ve occurrence 12054) 120.40104 159682 E729571 5, Sec. 26, SW (M) EAST OF HIGHWAY 59 AND IC17.4. MAPPED IN THE NE ONSISTS OF A POOL.	Presence: Trend: 0.7 MILE SOU 1/4 OF THE S	TH OF FIELDS W 1/4 SECTIC	Accuracy: Elevation (ft): Acres: S ROAD, 3 MILES DN 26. LOCATION	Site Last Seen: Record Last Updated: specific area 310 5.0 NE OF SNELLING.	2001-XX-XX 2007-08-02



California Department of Fish and Wildlife



Occurrence No.	274	Map Index: 69708	EO Index:	70493		Element Last Seen:	2001-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	2001-XX-XX
Осс. Туре:	Natural/Nativ	/e occurrence	Trend:	Unknown		Record Last Updated:	2007-08-02
Quad Summary:	Snelling (37	12054)					
County Summary:	Merced						
Lat/Long:	37.56489 / -	120.40425			Accuracy:	specific area	
UTM:	Zone-10 N47	160707 E729259			Elevation (ft):	355	
PLSS:	T04S, R14E	, Sec. 26, NW (M)			Acres:	14.0	
Location:	ALONG FIEI	LDS ROAD, 1.2 MILES EAST	r of highwa'	Y 59, 3.5 MILE	S NNE OF SNELL	ING.	
Detailed Location:	POOL ID: RI USING DIGI		C05.4. MAPPE	D IN THE NW	1/4 OF THE NW 1	/4 SECTION 26. LOCATION	MAPPED
Ecological:	HABITAT CO	ONSISTS OF POOLS.					
General:		BSERVED IN VERNAL POO GH QUALITY AND QUANTIT			STACEAN SURVE	YS. MERCED COUNTY "STU	JDY AREA
Owner/Manager:	PVT-RICHA	RDS RANCH					
0				70.404			
Occurrence No.	275	Map Index: 69709	EO Index:	70494		Element Last Seen:	2001-XX-XX
Occurrence No. Occ. Rank:	275 Unknown	Map Index: 69709	EO Index: Presence:	70494 Presumed E	xtant	Element Last Seen: Site Last Seen:	2001-XX-XX 2001-XX-XX
	Unknown	Map Index: 69709			xtant		
Occ. Rank:	Unknown	ve occurrence	Presence:	Presumed E	xtant	Site Last Seen:	2001-XX-XX
Occ. Rank: Occ. Type:	Unknown Natural/Nativ	ve occurrence	Presence:	Presumed E	xtant	Site Last Seen:	2001-XX-XX
Occ. Rank: Occ. Type: Quad Summary:	Unknown Natural/Nativ Snelling (37	re occurrence	Presence:	Presumed E	xtant Accuracy:	Site Last Seen:	2001-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Unknown Natural/Nation Snelling (37 Merced 37.56397 /	re occurrence	Presence:	Presumed E		Site Last Seen: Record Last Updated:	2001-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Unknown Natural/Nativ Snelling (37 ⁴ Merced 37.56397 / - ² Zone-10 N4 ⁴	ve occurrence 12054) 120.39183	Presence:	Presumed E	Accuracy:	Site Last Seen: Record Last Updated: specific area	2001-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Unknown Natural/Nativ Snelling (37* Merced 37.56397 / -* Zone-10 N4* T04S, R14E	ve occurrence 12054) 120.39183 160636 E730359	Presence: Trend:	Presumed E Unknown	Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 370 15.0	2001-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Nativ Snelling (37 Merced 37.56397 / - Zone-10 N4 T04S, R14E ALONG SOU	ve occurrence 12054) 120.39183 160636 E730359 , Sec. 26, NE (M) JTH SIDE OF FIELDS ROAE C06.2, RIC06.3, RIC06.4. M/	Presence: Trend:	Presumed E Unknown	Accuracy: Elevation (ft): Acres: WAY 59, 3.8 MILE	Site Last Seen: Record Last Updated: specific area 370 15.0	2001-XX-XX 2007-08-02
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Nativ Snelling (37 Merced 37.56397 / - Zone-10 N4 T04S, R14E ALONG SOU POOL ID: RI DIGITAL DA	ve occurrence 12054) 120.39183 160636 E730359 , Sec. 26, NE (M) JTH SIDE OF FIELDS ROAE C06.2, RIC06.3, RIC06.4. M/	Presence: Trend:	Presumed E Unknown	Accuracy: Elevation (ft): Acres: WAY 59, 3.8 MILE	Site Last Seen: Record Last Updated: specific area 370 15.0 S NNE OF SNELLING.	2001-XX-XX 2007-08-02
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Unknown Natural/Nativ Snelling (37 ⁻¹ Merced 37.56397 / - ¹ Zone-10 N4 ⁻¹ T04S, R14E ALONG SOU POOL ID: RI DIGITAL DA HABITAT CO SPECIES O	ve occurrence 12054) 120.39183 160636 E730359 , Sec. 26, NE (M) JTH SIDE OF FIELDS ROAE C06.2, RIC06.3, RIC06.4. M TA. DNSISTS OF POOLS.	Presence: Trend: D, 1.9 MILES E APPED IN THE	Presumed E Unknown AST OF HIGH NE 1/4 OF TI HE 2001 CRUS	Accuracy: Elevation (ft): Acres: WAY 59, 3.8 MILE HE NE 1/4 SECTIO	Site Last Seen: Record Last Updated: specific area 370 15.0 S NNE OF SNELLING.	2001-XX-XX 2007-08-02



California Department of Fish and Wildlife



Occurrence No.	276	Map Index: 68761	EO Index:	70495	Element Last Seen:	2001-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2001-XX-XX
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2007-08-02
Quad Summary:	Snelling (37	12054)				
County Summary:	Merced					
Lat/Long:	37.56068 / -	120.38201		Accuracy:	specific area	
UTM:	Zone-10 N4	160295 E731236		Elevation (ft):	330	
PLSS:	T04S, R14E	, Sec. 25, NW (M)		Acres:	21.0	
Location:	2.4 MILES E SNELLING.	AST OF HIGHWAY 59 AND	0.3 - 0.7 MILE	SOUTHEAST OF THE END OF	FIELDS ROAD, 4 MILES NO	RTHEAST OF
Detailed Location:		IC08.1, RIC08.2, RIC08.3, RI N 25. LOCATION MAPPED L		4, KEL09.4. MAPPED ALONG (L DATA.	CREEK - PRIMARILY IN THE	NORTHWEST
Ecological:	HABITAT CO	ONSISTS OF POOLS.				
General:		BSERVED IN VERNAL POO GH QUALITY AND QUANTIT		HE 2001 CRUSTACEAN SURVE T."	EYS. MERCED COUNTY "STU	JDY AREA
Owner/Manager:	PVT-RICHA	RDS & KELSEY RANCH				
Occurrence No.	277	Map Index: 69711	EO Index:	70496	Element Last Seen:	2001-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2001-XX-XX
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2007-08-02
Occ. Type: Quad Summary:	Natural/Nativ		Trend:	Unknown	Record Last Updated:	2007-08-02
			Trend:	Unknown	Record Last Updated:	2007-08-02
Quad Summary:	Snelling (37	12054)	Trend:	Unknown Accuracy:	Record Last Updated:	2007-08-02
Quad Summary: County Summary:	Snelling (37 Merced 37.55146 / -	12054)	Trend:			2007-08-02
Quad Summary: County Summary: Lat/Long:	Snelling (37 Merced 37.55146 / - Zone-10 N4	12054) 120.38155	Trend:	Accuracy:	specific area	2007-08-02
Quad Summary: County Summary: Lat/Long: UTM:	Snelling (37 Merced 37.55146 / - Zone-10 N4 T04S, R14E	12054) 120.38155 159273 E731306 , Sec. 25, SW (M)		Accuracy: Elevation (ft):	specific area 365 7.0	
Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Snelling (37 Merced 37.55146 / - Zone-10 N4 T04S, R14E 2.4 MILES E	12054) 120.38155 159273 E731306 , Sec. 25, SW (M) AST OF HIGHWAY 59 AND EL21.3, KEL21.4. MAPPED I	1 MILE SSE O	Accuracy: Elevation (ft): Acres:	specific area 365 7.0 3.7 MILES NORTHEAST OF	SNELLING.
Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Snelling (37 Merced 37.55146 / - Zone-10 N4 T04S, R14E 2.4 MILES E POOL ID: KI USING DIGI	12054) 120.38155 159273 E731306 , Sec. 25, SW (M) AST OF HIGHWAY 59 AND EL21.3, KEL21.4. MAPPED I	1 MILE SSE O	Accuracy: Elevation (ft): Acres: F THE END OF FIELDS ROAD,	specific area 365 7.0 3.7 MILES NORTHEAST OF	SNELLING.
Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Snelling (37 Merced 37.55146 / - Zone-10 N4 T04S, R14E 2.4 MILES E POOL ID: KI USING DIGI HABITAT CO SPECIES O	12054) 120.38155 159273 E731306 , Sec. 25, SW (M) AST OF HIGHWAY 59 AND EL21.3, KEL21.4. MAPPED I TAL DATA. DNSISTS OF POOLS.	1 MILE SSE O N THE SOUTH LS DURING TH	Accuracy: Elevation (ft): Acres: F THE END OF FIELDS ROAD, IEAST 1/4 OF THE SOUTHWES HE 2001 CRUSTACEAN SURVE	specific area 365 7.0 3.7 MILES NORTHEAST OF 5T 1/4 SECTION 25. LOCATIC	SNELLING. DN MAPPED



California Department of Fish and Wildlife



Occurrence No.	278	Map Index: 69710	EO Index:	70497		Element Last Seen:	2001-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed Ex	xtant	Site Last Seen:	2001-XX-XX
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2007-08-02
Quad Summary:	Merced Falls	s (3712053)					
County Summary:	Merced						
Lat/Long:	37.55516 / -	120.37022			Accuracy:	specific area	
UTM:	Zone-10 N47	159711 E732296			Elevation (ft):	360	
PLSS:	T04S, R15E	, Sec. 30, SW (M)			Acres:	7.0	
Location:	3.1 MILES E	AST OF HIGHWAY 59 AND	1.2 MILES SO	UTHEAST ENI	D OF FIELDS RO	AD, 4.4 MILES NORTHEAST	OF SNELLING.
Detailed Location:	POOL ID: KE DATA.	EL11.1, KEL11.2. MAPPED II	N THE NW 1/4	OF THE SW 1	/4 SECTION 30. L	OCATION MAPPED USING	DIGITAL
Ecological:	HABITAT CO	ONSISTS OF POOLS.					
General:		BSERVED IN VERNAL POOI GH QUALITY AND QUANTIT			STACEAN SURVE	YS. MERCED COUNTY "STU	JDY AREA
Owner/Manager:	PVT-KELSE	Y RANCH					
0N							
Occurrence No.	279	Map Index: 68763	EO Index:	70498		Element Last Seen:	2001-XX-XX
Occurrence No. Occ. Rank:	279 Unknown	Map Index: 68763	EO Index: Presence:	70498 Presumed E	xtant	Element Last Seen: Site Last Seen:	2001-XX-XX 2001-XX-XX
	Unknown	Map Index: 68763			xtant		
Occ. Rank:	Unknown Natural/Nativ		Presence: Trend:	Presumed Ex	xtant	Site Last Seen:	2001-XX-XX
Occ. Rank: Occ. Type:	Unknown Natural/Nativ	ve occurrence	Presence: Trend:	Presumed Ex	xtant	Site Last Seen:	2001-XX-XX
Occ. Rank: Occ. Type: Quad Summary:	Unknown Natural/Nativ Merced Falls	ve occurrence s (3712053), Snelling (371205	Presence: Trend:	Presumed Ex	Accuracy:	Site Last Seen:	2001-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Unknown Natural/Nativ Merced Falls Merced 37.54857 / -*	ve occurrence s (3712053), Snelling (371205	Presence: Trend:	Presumed Ex		Site Last Seen: Record Last Updated:	2001-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Unknown Natural/Nativ Merced Falls Merced 37.54857 / - Zone-10 N4	ve occurrence s (3712053), Snelling (371205 120.37626	Presence: Trend:	Presumed Ex	Accuracy:	Site Last Seen: Record Last Updated: 80 meters	2001-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Unknown Natural/Nativ Merced Falls Merced 37.54857 / - Zone-10 N4 ² T04S, R14E	ve occurrence s (3712053), Snelling (371205 120.37626 158965 E731783 , Sec. 36, NE (M)	Presence: Trend: 54)	Presumed Ex Unknown	Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 80 meters 370	2001-XX-XX 2007-08-02
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Nativ Merced Falls Merced 37.54857 / -7 Zone-10 N47 T04S, R14E 2.7 MILES E	ve occurrence s (3712053), Snelling (371205 120.37626 158965 E731783 , Sec. 36, NE (M) SAST OF HIGHWAY 59 AND EL20.4. MAPPED IN THE NC	Presence: Trend: 54) 1.3 MILES SSI	Presumed Ex Unknown	Accuracy: Elevation (ft): Acres: D OF FIELDS ROA	Site Last Seen: Record Last Updated: 80 meters 370 0.0	2001-XX-XX 2007-08-02 OF SNELLING.
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Nativ Merced Falls Merced 37.54857 / - Zone-10 N4 T04S, R14E 2.7 MILES E POOL ID: KE DIGITAL DA	ve occurrence s (3712053), Snelling (371205 120.37626 158965 E731783 , Sec. 36, NE (M) SAST OF HIGHWAY 59 AND EL20.4. MAPPED IN THE NC	Presence: Trend: 54) 1.3 MILES SSI	Presumed Ex Unknown	Accuracy: Elevation (ft): Acres: D OF FIELDS ROA	Site Last Seen: Record Last Updated: 80 meters 370 0.0 ND, 3.8 MILES NORTHEAST	2001-XX-XX 2007-08-02 OF SNELLING.
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Unknown Natural/Nativ Merced Falls Merced 37.54857 / - Zone-10 N4 ² T04S, R14E 2.7 MILES E POOL ID: KE DIGITAL DA HABITAT CO SPECIES O	ve occurrence s (3712053), Snelling (371205 120.37626 158965 E731783 , Sec. 36, NE (M) CAST OF HIGHWAY 59 AND EL20.4. MAPPED IN THE NC TA. DNSISTS OF POOLS.	Presence: Trend: 54) 1.3 MILES SSI 0RTHWEST 1/4 LS DURING TH	Presumed E: Unknown E OF THE ENE 4 OF THE NOF HE 2001 CRUS	Accuracy: Elevation (ft): Acres: O OF FIELDS ROA RTHEAST 1/4 SEC	Site Last Seen: Record Last Updated: 80 meters 370 0.0 ND, 3.8 MILES NORTHEAST	2001-XX-XX 2007-08-02 OF SNELLING. ED USING



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Occurrence No.	280	Map Index: 69712	EO Index:	70499		Element Last Seen:	2001-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	2001-XX-XX
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown		Record Last Updated:	2007-08-02
Quad Summary:	Merced Fall	s (3712053)					
County Summary:	Merced						
Lat/Long:	37.53902 / -	120.36934			Accuracy:	specific area	
UTM:	Zone-10 N4	157923 E732423			Elevation (ft):	380	
PLSS:	T04S, R15E	, Sec. 31, SW (M)			Acres:	7.0	
Location:	1.7 MILES N SNELLING.	NORTH OF THE SNELLING E	DIVERSION D	AM AND 0.7 M	ILE WEST OF KEI	SEY RESERVOIR, 3.9 MILE	S ENE OF
Detailed Location:	POOL ID: K	EL34.4, KEL39.2. MAPPED II	N THE SW 1/4	OF THE SW 1	1/4 SECTION 31. L	OCATION MAPPED USING	DIGITAL DATA.
Ecological:	HABITAT C	ONSISTS OF POOLS.					
General:		BSERVED IN VERNAL POOI GH QUALITY AND QUANTIT			STACEAN SURVE	YS. MERCED COUNTY "STU	JDY AREA
Owner/Manager:	PVT-KELSE	Y RANCH					
Occurrence No.	281	Map Index: 69713	EO Index:	70500		Element Last Seen:	2001-XX-XX
Occurrence No. Occ. Rank:	281 Unknown	Map Index: 69713	EO Index: Presence:	70500 Presumed E	xtant	Element Last Seen: Site Last Seen:	2001-XX-XX 2001-XX-XX
	Unknown	Map Index: 69713 ve occurrence			xtant		
Occ. Rank:	Unknown	ve occurrence	Presence:	Presumed E	xtant	Site Last Seen:	2001-XX-XX
Occ. Rank: Occ. Type:	Unknown Natural/Nati	ve occurrence	Presence:	Presumed E	xtant	Site Last Seen:	2001-XX-XX
Occ. Rank: Occ. Type: Quad Summary:	Unknown Natural/Nati	ve occurrence s (3712053)	Presence:	Presumed E	Accuracy:	Site Last Seen:	2001-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Unknown Natural/Nati Merced Falls Merced 37.54159 / -	ve occurrence s (3712053)	Presence:	Presumed E		Site Last Seen: Record Last Updated:	2001-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Unknown Natural/Nati Merced Fall: Merced 37.54159 / - Zone-10 N4	ve occurrence s (3712053) 120.36487	Presence:	Presumed E	Accuracy:	Site Last Seen: Record Last Updated: specific area	2001-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Unknown Natural/Nati Merced Falls Merced 37.54159 / - Zone-10 N4 T04S, R15E	ve occurrence s (3712053) 120.36487 158219 E732810 5, Sec. 31, SW (M) NORTH OF THE SNELLING E	Presence: Trend:	Presumed E Unknown	Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 400 7.0	2001-XX-XX 2007-08-02
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Nati Merced Fall: Merced 37.54159 / - Zone-10 N4 T04S, R15E 1.9 MILES N SNELLING.	ve occurrence s (3712053) 120.36487 158219 E732810 5, Sec. 31, SW (M) NORTH OF THE SNELLING E	Presence: Trend: DIVERSION D/	Presumed E Unknown	Accuracy: Elevation (ft): Acres: ILE WEST OF KEI	Site Last Seen: Record Last Updated: specific area 400 7.0 SEY RESERVOIR, 4.2 MILE	2001-XX-XX 2007-08-02
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Nati Merced Fall: Merced 37.54159 / - Zone-10 N4 T04S, R15E 1.9 MILES N SNELLING. POOL ID: K	ve occurrence s (3712053) 120.36487 158219 E732810 5, Sec. 31, SW (M) NORTH OF THE SNELLING E	Presence: Trend: DIVERSION D/	Presumed E Unknown	Accuracy: Elevation (ft): Acres: ILE WEST OF KEI	Site Last Seen: Record Last Updated: specific area 400 7.0 SEY RESERVOIR, 4.2 MILE	2001-XX-XX 2007-08-02
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Unknown Natural/Nati Merced Fall: Merced 37.54159 / - Zone-10 N4 T04S, R15E 1.9 MILES N SNELLING. POOL ID: K HABITAT CO SPECIES O	ve occurrence s (3712053) 120.36487 158219 E732810 5, Sec. 31, SW (M) NORTH OF THE SNELLING E EL33.2, KEL33.3. MAPPED II	Presence: Trend: DIVERSION D/ N THE NE 1/4	AM AND 0.4 M OF THE SW 1	Accuracy: Elevation (ft): Acres: IILE WEST OF KEI /4 SECTION 31. L	Site Last Seen: Record Last Updated: specific area 400 7.0 LSEY RESERVOIR, 4.2 MILE OCATION MAPPED USING I	2001-XX-XX 2007-08-02 S ENE OF DIGITAL DATA.



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Occurrence No.	282	Map Index: 69714	EO Index:	70501	Element Last Seen:	2001-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2001-XX-XX
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2007-08-02
Quad Summary:	Merced Falls	s (3712053)				
County Summary:	Merced					
Lat/Long:	37.53193 / -	120.35330		Accuracy:	80 meters	
UTM:	Zone-10 N4	157176 E733863		Elevation (ft):	400	
PLSS:	T05S, R15E	, Sec. 05, NW (M)		Acres:	0.0	
Location:	0.4 MILE SC MERCED C		OF KELSEY R	ESERVOIR, 1.3 MILES NW OF	MERCED FALLS, NORTHEA	STERN
Detailed Location:	POOL ID: KI DATA.	EL43.3. MAPPED IN THE CE	NTRAL PORT	ION OF THE NW 1/4 SECTION	5. LOCATION MAPPED USIN	IG DIGITAL
Ecological:	HABITAT CO	ONSISTS OF A POOL.				
General:		BSERVED IN VERNAL POO GH QUALITY AND QUANTIT		HE 2001 CRUSTACEAN SURVE T."	EYS. MERCED COUNTY "STU	JDY AREA
Owner/Manager:	PVT-KELSE	Y RANCH				
Occurrence No.	283	Map Index: 68803	EO Index:	70502	Element Last Seen:	2001-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2001-XX-XX
						2001-77-77
Осс. Туре:		ve occurrence	Trend:	Unknown	Record Last Updated:	2007-08-02
Occ. Type: Quad Summary:			Trend:	Unknown	Record Last Updated:	
	Natural/Nativ		Trend:	Unknown	Record Last Updated:	
Quad Summary:	Natural/Nativ Snelling (37	12054)	Trend:	Unknown Accuracy:	Record Last Updated:	
Quad Summary: County Summary:	Natural/Nativ Snelling (37 Merced 37.53046 / -	12054)	Trend:		·	
Quad Summary: County Summary: Lat/Long:	Natural/Nation Snelling (37 Merced 37.53046 / Zone-10 N4	12054) 120.38352	Trend:	Accuracy:	specific area	
Quad Summary: County Summary: Lat/Long: UTM:	Natural/Nativ Snelling (37 Merced 37.53046 / - Zone-10 N4 T05S, R14E	12054) 120.38352 156938 E731197 , Sec. 01, NE (M)		Accuracy: Elevation (ft):	specific area 346	
Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Natural/Nativ Snelling (37 Merced 37.53046 / Zone-10 N4 T05S, R14E 1.3 MILES N	12054) 120.38352 156938 E731197 , Sec. 01, NE (M) INW OF THE SNELLING DIV EL41.1, KEL41.2, KEL41.4. N	/ERSION DAM	Accuracy: Elevation (ft): Acres:	specific area 346 7.0	2007-08-02
Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Natural/Nativ Snelling (37 Merced 37.53046 / - Zone-10 N4 T05S, R14E 1.3 MILES N POOL ID: KI DIGITAL DA	12054) 120.38352 156938 E731197 , Sec. 01, NE (M) INW OF THE SNELLING DIV EL41.1, KEL41.2, KEL41.4. N	/ERSION DAM	Accuracy: Elevation (ft): Acres: , 3 MILES ENE OF SNELLING.	specific area 346 7.0	2007-08-02
Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Natural/Nativ Snelling (37 ⁻ Merced 37.53046 / - Zone-10 N4 ⁻ T05S, R14E 1.3 MILES N POOL ID: KI DIGITAL DA HABITAT CO SPECIES O	12054) 120.38352 156938 E731197 , Sec. 01, NE (M) INW OF THE SNELLING DIV EL41.1, KEL41.2, KEL41.4. M TA. DNSISTS OF A POOL.	/ERSION DAM /APPED IN TH LS DURING TI	Accuracy: Elevation (ft): Acres: , 3 MILES ENE OF SNELLING. IE SW 1/4 OF THE NE 1/4 SEC ⁻ HE 2001 CRUSTACEAN SURVE	specific area 346 7.0 FION 1. LOCATION MAPPED	2007-08-02 USING



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Occurrence No.	284	Map Index: 69716	EO Index:	70503		Element Last Seen:	2001-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	2001-XX-XX
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown		Record Last Updated:	2007-08-02
Quad Summary:	Snelling (371	2054)					
County Summary:	Merced						
Lat/Long:	37.53025 / -1	20.39010			Accuracy:	specific area	
UTM:	Zone-10 N41	56899 E730616			Elevation (ft):	340	
PLSS:	T05S, R14E,	Sec. 01, NW (M)			Acres:	10.0	
Location:	1.5 MILES N	ORTHWEST OF THE SNEL	LING DIVERSI	ON DAM, 2.7 I	MILES ENE OF SN	ELLING.	
Detailed Location:	POOL ID: KE USING DIGI		KEL40.4. MAPF	PED IN THE SV	N 1/4 OF THE NW	1/4 SECTION 1. LOCATION	MAPPED
Ecological:	HABITAT CC	ONSISTS OF A POOL.					
General:		BSERVED IN VERNAL POC GH QUALITY AND QUANTI			STACEAN SURVEN	S. MERCED COUNTY "STU	JDY AREA
Owner/Manager:	PVT-KELSE	Y RANCH					





Lepidurus pacl	kardi					Elemer	nt Code: ICBR	A10010
vernal pool tadpo	le shrimp							
Listing Status:	Federal:	Endangered		CNE	DDB Element Rank	s: Global:	G4	
	State:	None				State:	S3S4	
	Other:	IUCN_EN-Endangered						
Habitat:	General:	INHABITS VERNAL POOLS TURBID WATER.	S AND SWALES	IN THE SACE	RAMENTO VALLEY	CONTAININ	G CLEAR TO H	HIGHLY
	Micro:	POOLS COMMONLY FOU MUD-BOTTOMED & HIGHL		BOTTOMED S	WALES OF UNPLC	WED GRASS	SLANDS. SOM	E POOLS ARE
Occurrence No.	100	Map Index: 33704	EO Index:	30642		Element	Last Seen:	1986-10-05
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last	Seen:	1986-10-05
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown		Record L	ast Updated:	2014-12-11
Quad Summary:	Turlock La	ke (3712055), Montpelier (371	12056)					
County Summary:	Stanislaus							
Lat/Long:	37.58734	/ -120.63655			Accuracy:	3/5 mile		
UTM:	Zone-10 N	4162657 E708677			Elevation (ft):	200		
					Acres:	0.0		
PLSS:	T04S, R12	2E, Sec. 15 (M)						
		5 MILES NNE OF THE INTER	RSECTION OF P	EYES ROAD	AND HAWKINS RC	DAD, JUST SC	OUTH OF THE	HICKMAN
PLSS:	ABOUT 2. VERNAL F SEASONA	5 MILES NNE OF THE INTER	MEWHERE IN			,		
PLSS: Location:	ABOUT 2. VERNAL F SEASONA APPROXI	5 MILES NNE OF THE INTER POOLS.	MEWHERE IN Y.	SECTION 15.	COORDINATES GI	VEN IN FUG	ATE THESIS A	RE
PLSS: Location: Detailed Location:	ABOUT 2. VERNAL F SEASONA APPROXII NATURAL	5 MILES NNE OF THE INTER POOLS. AL WETLANDS LOCATED SC MATE. MAPPED GENERALL	DMEWHERE IN Y. RANCHINECTA	SECTION 15. LYNCHI AND	COORDINATES GI LINDERIELLA OCC	VEN IN FUG	ATE THESIS A ALSO OBSER	RE /ED.
PLSS: Location: Detailed Location: Ecological:	ABOUT 2. VERNAL F SEASONA APPROXII NATURAL	5 MILES NNE OF THE INTER POOLS. AL WETLANDS LOCATED SO MATE. MAPPED GENERALL SEASONAL WETLANDS. BF ED IN 1 OF 1 FEATURES INS	DMEWHERE IN Y. RANCHINECTA	SECTION 15. LYNCHI AND	COORDINATES GI LINDERIELLA OCC	VEN IN FUG	ATE THESIS A ALSO OBSER	RE /ED.
PLSS: Location: Detailed Location: Ecological: General:	ABOUT 2. VERNAL F SEASONA APPROXII NATURAL OBSERVE	5 MILES NNE OF THE INTER POOLS. AL WETLANDS LOCATED SO MATE. MAPPED GENERALL SEASONAL WETLANDS. BF ED IN 1 OF 1 FEATURES INS	DMEWHERE IN Y. RANCHINECTA	SECTION 15. LYNCHI AND	COORDINATES GI LINDERIELLA OCC	VEN IN FUG CIDENTALIS A	ATE THESIS A ALSO OBSER	RE /ED.
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager:	ABOUT 2. VERNAL F SEASONA APPROXII NATURAL OBSERVE UNKNOW	5 MILES NNE OF THE INTER POOLS. AL WETLANDS LOCATED SO MATE. MAPPED GENERALL SEASONAL WETLANDS. BF D IN 1 OF 1 FEATURES INS	DMEWHERE IN Y. RANCHINECTA PECTED (SUGI	SECTION 15. LYNCHI AND NET ID#109); (COORDINATES GI LINDERIELLA OCO OBSERVED/COLLE	VEN IN FUG CIDENTALIS A	ATE THESIS A ALSO OBSER\ MOREY ON 5 Last Seen:	RE /ED. OCT 1986.
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No.	ABOUT 2. VERNAL F SEASONA APPROXII NATURAL OBSERVE UNKNOW 215 Unknown	5 MILES NNE OF THE INTER POOLS. AL WETLANDS LOCATED SO MATE. MAPPED GENERALL SEASONAL WETLANDS. BF D IN 1 OF 1 FEATURES INS	DMEWHERE IN Y. RANCHINECTA PECTED (SUGI EO Index:	SECTION 15. LYNCHI AND NET ID#109); (59231	COORDINATES GI LINDERIELLA OCO OBSERVED/COLLE	VEN IN FUG CIDENTALIS ECTED BY S. Element I Site Last	ATE THESIS A ALSO OBSER\ MOREY ON 5 Last Seen:	RE /ED. OCT 1986. 19XX-XX-XX
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	ABOUT 2. VERNAL F SEASONA APPROXII NATURAL OBSERVE UNKNOW 215 Unknown Natural/Na	5 MILES NNE OF THE INTER POOLS. AL WETLANDS LOCATED SO MATE. MAPPED GENERALLY SEASONAL WETLANDS. BF ED IN 1 OF 1 FEATURES INS N Map Index: 31446	DMEWHERE IN Y. RANCHINECTA PECTED (SUGI EO Index: Presence: Trend:	SECTION 15. LYNCHI AND NET ID#109); (59231 Presumed E	COORDINATES GI LINDERIELLA OCO OBSERVED/COLLE	VEN IN FUG CIDENTALIS ECTED BY S. Element I Site Last	ATE THESIS A ALSO OBSER MOREY ON 5 Last Seen: Seen:	RE /ED. OCT 1986. 19XX-XX-XX 19XX-XX-XX
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	ABOUT 2. VERNAL F SEASONA APPROXII NATURAL OBSERVE UNKNOW 215 Unknown Natural/Na	5 MILES NNE OF THE INTER POOLS. AL WETLANDS LOCATED SO MATE. MAPPED GENERALLY SEASONAL WETLANDS. BF ED IN 1 OF 1 FEATURES INS N Map Index: 31446 Ative occurrence ke (3712055), Montpelier (371	DMEWHERE IN Y. RANCHINECTA PECTED (SUGI EO Index: Presence: Trend:	SECTION 15. LYNCHI AND NET ID#109); (59231 Presumed E	COORDINATES GI LINDERIELLA OCO OBSERVED/COLLE	VEN IN FUG CIDENTALIS ECTED BY S. Element I Site Last	ATE THESIS A ALSO OBSER MOREY ON 5 Last Seen: Seen:	RE /ED. OCT 1986. 19XX-XX-XX 19XX-XX-XX
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	ABOUT 2. VERNAL F SEASONA APPROXII NATURAL OBSERVE UNKNOW 215 Unknown Natural/Na Turlock La Stanislaus	5 MILES NNE OF THE INTER POOLS. AL WETLANDS LOCATED SO MATE. MAPPED GENERALLY SEASONAL WETLANDS. BF ED IN 1 OF 1 FEATURES INS N Map Index: 31446 Ative occurrence ke (3712055), Montpelier (371	DMEWHERE IN Y. RANCHINECTA PECTED (SUGI EO Index: Presence: Trend:	SECTION 15. LYNCHI AND NET ID#109); (59231 Presumed E	COORDINATES GI LINDERIELLA OCO OBSERVED/COLLE	VEN IN FUG CIDENTALIS ECTED BY S. Element I Site Last Record L	ATE THESIS A ALSO OBSER MOREY ON 5 Last Seen: Seen: ast Updated:	RE /ED. OCT 1986. 19XX-XX-XX 19XX-XX-XX
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	ABOUT 2. VERNAL F SEASONA APPROXII NATURAL OBSERVE UNKNOW 215 Unknown Natural/Na Turlock La Stanislaus 37.60206 /	5 MILES NNE OF THE INTER POOLS. AL WETLANDS LOCATED SO MATE. MAPPED GENERALL' SEASONAL WETLANDS. BF ED IN 1 OF 1 FEATURES INS N Map Index: 31446 Map Index: 31446 ke (3712055), Montpelier (371	DMEWHERE IN Y. RANCHINECTA PECTED (SUGI EO Index: Presence: Trend:	SECTION 15. LYNCHI AND NET ID#109); (59231 Presumed E	COORDINATES GI LINDERIELLA OCO OBSERVED/COLLE	VEN IN FUG CIDENTALIS ECTED BY S. Element I Site Last	ATE THESIS A ALSO OBSER MOREY ON 5 Last Seen: Seen: ast Updated:	RE /ED. OCT 1986. 19XX-XX-XX 19XX-XX-XX
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	ABOUT 2. VERNAL F SEASONA APPROXII NATURAL OBSERVE UNKNOW 215 Unknown Natural/Na Turlock La Stanislaus 37.60206 Zone-10 N	5 MILES NNE OF THE INTER POOLS. AL WETLANDS LOCATED SO MATE. MAPPED GENERALL SEASONAL WETLANDS. BF ED IN 1 OF 1 FEATURES INS N Map Index: 31446 Ative occurrence ke (3712055), Montpelier (371 7 -120.62764	DMEWHERE IN Y. RANCHINECTA PECTED (SUGI EO Index: Presence: Trend:	SECTION 15. LYNCHI AND NET ID#109); (59231 Presumed E	COORDINATES GI LINDERIELLA OCO OBSERVED/COLLE Extant Accuracy:	VEN IN FUG, CIDENTALIS , ECTED BY S. Element I Site Last Record L	ATE THESIS A ALSO OBSER MOREY ON 5 Last Seen: Seen: ast Updated:	RE /ED. OCT 1986. 19XX-XX-XX 19XX-XX-XX
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	ABOUT 2. VERNAL F SEASONA APPROXII NATURAL OBSERVE UNKNOW 215 Unknown Natural/Na Turlock La Stanislaus 37.60206 / Zone-10 N T04S, R12	5 MILES NNE OF THE INTER POOLS. AL WETLANDS LOCATED SO MATE. MAPPED GENERALL' SEASONAL WETLANDS. BF ED IN 1 OF 1 FEATURES INS N Map Index: 31446 Ative occurrence ke (3712055), Montpelier (374 (-120.62764 14164310 E709422 2E, Sec. 10 (M) VERNAL POOL; WSW OF TH	MEWHERE IN Y. RANCHINECTA PECTED (SUGI EO Index: Presence: Trend: 12056)	SECTION 15. LYNCHI AND NET ID#109); (59231 Presumed E Unknown	COORDINATES GI LINDERIELLA OCO OBSERVED/COLLE Extant Accuracy: Elevation (ft): Acres:	VEN IN FUG, CIDENTALIS , ECTED BY S. Element I Site Last Record L specific area 195 692.0	ATE THESIS A ALSO OBSER MOREY ON 5 Last Seen: Seen: ast Updated:	RE /ED. OCT 1986. 19XX-XX-XX 19XX-XX-XX 2008-01-15
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	ABOUT 2. VERNAL F SEASONA APPROXII NATURAL OBSERVE UNKNOW 215 Unknown Natural/Na Turlock La Stanislaus 37.60206 / Zone-10 N T04S, R12	5 MILES NNE OF THE INTER POOLS. AL WETLANDS LOCATED SO MATE. MAPPED GENERALL' SEASONAL WETLANDS. BF ED IN 1 OF 1 FEATURES INS N Map Index: 31446 Ative occurrence ke (3712055), Montpelier (374 (-120.62764 14164310 E709422 2E, Sec. 10 (M) VERNAL POOL; WSW OF TH	MEWHERE IN Y. RANCHINECTA PECTED (SUGI EO Index: Presence: Trend: 12056)	SECTION 15. LYNCHI AND NET ID#109); (59231 Presumed E Unknown	COORDINATES GI LINDERIELLA OCO OBSERVED/COLLE Extant Accuracy: Elevation (ft): Acres:	VEN IN FUG, CIDENTALIS , ECTED BY S. Element I Site Last Record L specific area 195 692.0	ATE THESIS A ALSO OBSER MOREY ON 5 Last Seen: Seen: ast Updated:	RE /ED. OCT 1986. 19XX-XX-XX 19XX-XX-XX 2008-01-15
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	ABOUT 2. VERNAL F SEASONA APPROXII NATURAL OBSERVE UNKNOW 215 Unknown Natural/Na Turlock La Stanislaus 37.60206 Zone-10 N T04S, R12 HICKMAN HAWKINS	5 MILES NNE OF THE INTER POOLS. AL WETLANDS LOCATED SO MATE. MAPPED GENERALL' SEASONAL WETLANDS. BF ED IN 1 OF 1 FEATURES INS N Map Index: 31446 Ative occurrence ke (3712055), Montpelier (374 (-120.62764 14164310 E709422 2E, Sec. 10 (M) VERNAL POOL; WSW OF TH	DMEWHERE IN Y. RANCHINECTA PECTED (SUGI EO Index: Presence: Trend: 12056) URLOCK LAKE; DED BY NATIVE	SECTION 15. LYNCHI AND NET ID#109); (59231 Presumed E Unknown	COORDINATES GI LINDERIELLA OCO OBSERVED/COLLE Extant Accuracy: Elevation (ft): Acres: OF THE INTERSE	VEN IN FUG/ CIDENTALIS / ECTED BY S. Element I Site Last Record L specific area 195 692.0 CTION BETV D WEEDS H/	ATE THESIS A ALSO OBSERV MOREY ON 5 Last Seen: Seen: ast Updated: a VEEN LAKE RO	RE /ED. OCT 1986. 19XX-XX-XX 19XX-XX-XX 2008-01-15
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:	ABOUT 2. VERNAL F SEASONA APPROXII NATURAL OBSERVE UNKNOW 215 Unknown Natural/Na Turlock La Stanislaus 37.60206 / Zone-10 N T04S, R12 HICKMAN HAWKINS CLAYPAN POOL CEI	5 MILES NNE OF THE INTER POOLS. AL WETLANDS LOCATED SO MATE. MAPPED GENERALLY SEASONAL WETLANDS. BF ED IN 1 OF 1 FEATURES INS N Map Index: 31446 Ative occurrence ke (3712055), Montpelier (371 7-120.62764 (4164310 E709422 2E, Sec. 10 (M) VERNAL POOL; WSW OF TH ROAD.	MEWHERE IN Y. RANCHINECTA PECTED (SUGI EO Index: Presence: Trend: 12056) URLOCK LAKE; DED BY NATIVE	SECTION 15. LYNCHI AND NET ID#109); (59231 Presumed E Unknown SOUTHEAST	COORDINATES GI LINDERIELLA OCO OBSERVED/COLLE Extant Accuracy: Elevation (ft): Acres: OF THE INTERSE	VEN IN FUG/ CIDENTALIS / ECTED BY S. Element I Site Last Record L specific area 195 692.0 CTION BETV D WEEDS H/	ATE THESIS A ALSO OBSERV MOREY ON 5 Last Seen: Seen: ast Updated: a VEEN LAKE RO	RE /ED. OCT 1986. 19XX-XX-XX 19XX-XX-XX 2008-01-15





Stygobromus h	narai				Elemen	nt Code: ICMA	200470
Hara's Cave amp	hipod						
Listing Status:	Federal:	None		CNDDB Element Ranks	s: Global:	G1G2	
	State:	None			State:	S1S2	
	Other:	IUCN_VU-Vulnerable					
Habitat:	General:	CENTRAL CALIFORNIA F	OOTHILLS.				
	Micro:	MOSTLY FOUND IN CAVE	ES & MINE TUNN	NELS. ALSO TAKEN FROM A SPF	RING		
Occurrence No.	2	Map Index: 59595	EO Index:	59631	Element	Last Seen:	XXXX-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last	Seen:	XXXX-XX-XX
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown	Record L	ast Updated:	2005-01-25
Quad Summary:	Groveland	(3712072), Moccasin (37120	073)				
County Summary:	Tuolumne						
Lat/Long:	37.86181 /	-120.25434		Accuracy:	specific are	a	
UTM:	Zone-10 N	4194037 E741535		Elevation (ft):	2350		
PLSS:	T01S, R16	E, Sec. 07 (M)		Acres:	1114.7		
Location:	9 MILES S	OUTHEAST OF SONORA.					
Detailed Location:	MAPPED	9 AIR MILES SOUTHEAST (OF SONORA ALC	ONG MAIN ROAD IN AREA.			
Ecological:	TAKEN AT	A SPRING.					
General:	NO ADDIT	IONAL COLLECTING DATA	GIVEN.				
General: Owner/Manager:	NO ADDIT UNKNOW		GIVEN.				
			GIVEN.				
Owner/Manager: Bombus morris	UNKNOW		GIVEN.		Elemer	nt Code: IIHYN	124460
Owner/Manager: Bombus morris Morrison bumble	UNKNOW		GIVEN.		Elemer	nt Code: IIHYN	124460
Owner/Manager: Bombus morris	UNKNOW		GIVEN.	CNDDB Element Ranks			//24460
Owner/Manager: Bombus morris Morrison bumble	UNKNOW	N	GIVEN.	CNDDB Element Ranks			//24460
Owner/Manager: Bombus morris Morrison bumble	UNKNOW Soni bee Federal:	N	GIVEN.	CNDDB Element Ranks	s: Global:	G4G5	//24460
Owner/Manager: Bombus morris Morrison bumble	UNKNOW Soni bee Federal: State:	N None None IUCN_VU-Vulnerable		CNDDB Element Ranks	s: Global: State:	G4G5 S1S2	//24460
Owner/Manager: Bombus morris Morrison bumble Listing Status:	UNKNOW Soni bee Federal: State: Other:	N None IUCN_VU-Vulnerable FROM THE SIERRA-CAS(CADES RANGES		s: Global: State: ERMOUNTAI	G4G5 S1S2 N WEST.	
Owner/Manager: Bombus morris Morrison bumble Listing Status:	UNKNOW bee Federal: State: Other: General:	N None IUCN_VU-Vulnerable FROM THE SIERRA-CAS(FOOD PLANT GENERA IN	CADES RANGES	S EASTWARD ACROSS THE INTE	s: Global: State: ERMOUNTAI NUS, CHRYS	G4G5 S1S2 N WEST.	
Owner/Manager: Bombus morris Morrison bumble Listing Status: Habitat: Occurrence No.	UNKNOW bee Federal: State: Other: General: Micro:	N None IUCN_VU-Vulnerable FROM THE SIERRA-CASC FOOD PLANT GENERA IN MELILOTUS.	CADES RANGES	S EASTWARD ACROSS THE INTE M, CLEOME, HELIANTHUS, LUPI	s: Global: State: ERMOUNTAI NUS, CHRYS	G4G5 S1S2 N WEST. SOTHAMNUS, J	AND
Owner/Manager: Bombus morris Morrison bumble Listing Status: Habitat:	UNKNOW bee Federal: State: Other: General: Micro: 38 Unknown	N None IUCN_VU-Vulnerable FROM THE SIERRA-CASC FOOD PLANT GENERA IN MELILOTUS.	CADES RANGES NCLUDE CIRSIU EO Index:	S EASTWARD ACROSS THE INTE M, CLEOME, HELIANTHUS, LUPI 98358	s: Global: State: ERMOUNTAI NUS, CHRYS Element Site Last	G4G5 S1S2 N WEST. SOTHAMNUS, J	AND 1968-06-30
Owner/Manager: Bombus morris Morrison bumble Listing Status: Habitat: Occurrence No. Occ. Rank:	UNKNOW bee Federal: State: Other: General: Micro: 38 Unknown Natural/Na	None None IUCN_VU-Vulnerable FROM THE SIERRA-CASC FOOD PLANT GENERA IN MELILOTUS. Map Index: 13392	CADES RANGES NCLUDE CIRSIU EO Index: Presence:	S EASTWARD ACROSS THE INTE M, CLEOME, HELIANTHUS, LUPI 98358 Presumed Extant	s: Global: State: ERMOUNTAI NUS, CHRYS Element Site Last	G4G5 S1S2 N WEST. SOTHAMNUS, Last Seen: Seen:	AND 1968-06-30 1968-06-30
Owner/Manager: Bombus morris Morrison bumble Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type:	UNKNOW bee Federal: State: Other: General: Micro: 38 Unknown Natural/Na	None None IUCN_VU-Vulnerable FROM THE SIERRA-CASC FOOD PLANT GENERA IN MELILOTUS. Map Index: 13392 tive occurrence	CADES RANGES NCLUDE CIRSIU EO Index: Presence:	S EASTWARD ACROSS THE INTE M, CLEOME, HELIANTHUS, LUPI 98358 Presumed Extant	s: Global: State: ERMOUNTAI NUS, CHRYS Element Site Last	G4G5 S1S2 N WEST. SOTHAMNUS, Last Seen: Seen:	AND 1968-06-30 1968-06-30
Owner/Manager: Bombus morris Morrison bumble Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	UNKNOW bee Federal: State: Other: General: Micro: 38 Unknown Natural/Na La Grange Stanislaus	None None IUCN_VU-Vulnerable FROM THE SIERRA-CASC FOOD PLANT GENERA IN MELILOTUS. Map Index: 13392 tive occurrence	CADES RANGES NCLUDE CIRSIU EO Index: Presence:	S EASTWARD ACROSS THE INTE M, CLEOME, HELIANTHUS, LUPI 98358 Presumed Extant	s: Global: State: ERMOUNTAI NUS, CHRYS Element Site Last	G4G5 S1S2 N WEST. SOTHAMNUS, Last Seen: Seen:	AND 1968-06-30 1968-06-30
Owner/Manager: Bombus morris Morrison bumble Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	UNKNOW Soni bee Federal: State: Other: General: Micro: 38 Unknown Natural/Na La Grange Stanislaus 37.66465 /	None None IUCN_VU-Vulnerable FROM THE SIERRA-CASC FOOD PLANT GENERA IN MELILOTUS. Map Index: 13392 tive occurrence	CADES RANGES NCLUDE CIRSIU EO Index: Presence:	S EASTWARD ACROSS THE INTE M, CLEOME, HELIANTHUS, LUPI 98358 Presumed Extant Unknown	s: Global: State: ERMOUNTAI NUS, CHRYS Element Site Last Record L	G4G5 S1S2 N WEST. SOTHAMNUS, Last Seen: Seen:	AND 1968-06-30 1968-06-30
Owner/Manager: Bombus morris Morrison bumble Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	UNKNOW Soni bee Federal: State: Other: General: Micro: 38 Unknown Natural/Na La Grange Stanislaus 37.66465 / Zone-10 N	None None IUCN_VU-Vulnerable FROM THE SIERRA-CAS(FOOD PLANT GENERA IN MELILOTUS. Map Index: 13392 tive occurrence (3712064)	CADES RANGES NCLUDE CIRSIU EO Index: Presence:	S EASTWARD ACROSS THE INTE M, CLEOME, HELIANTHUS, LUPI 98358 Presumed Extant Unknown Accuracy:	s: Global: State: ERMOUNTAI NUS, CHRYS Element Site Last Record L	G4G5 S1S2 N WEST. SOTHAMNUS, Last Seen: Seen:	AND 1968-06-30 1968-06-30
Owner/Manager: Bombus morris Morrison bumble Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	UNKNOW Soni bee Federal: State: Other: General: Micro: 38 Unknown Natural/Na La Grange Stanislaus 37.66465 / Zone-10 N	None None IUCN_VU-Vulnerable FROM THE SIERRA-CAS(FOOD PLANT GENERA IN MELILOTUS. Map Index: 13392 tive occurrence (3712064) 7-120.46270 4171637 E723797 4E, Sec. 20 (M)	CADES RANGES NCLUDE CIRSIU EO Index: Presence:	S EASTWARD ACROSS THE INTE M, CLEOME, HELIANTHUS, LUPI 98358 Presumed Extant Unknown Accuracy: Elevation (ft):	s: Global: State: ERMOUNTAI NUS, CHRYS Element Site Last Record L	G4G5 S1S2 N WEST. SOTHAMNUS, Last Seen: Seen:	AND 1968-06-30 1968-06-30
Owner/Manager: Bombus morris Morrison bumble Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	UNKNOW Soni bee Federal: State: Other: General: Micro: 38 Unknown Natural/Na La Grange Stanislaus 37.66465 / Zone-10 N T03S, R14 LA GRANO	None None IUCN_VU-Vulnerable FROM THE SIERRA-CASC FOOD PLANT GENERA IN MELILOTUS. Map Index: 13392 tive occurrence (3712064) 7-120.46270 4171637 E723797 IE, Sec. 20 (M) GE.	CADES RANGES NCLUDE CIRSIU EO Index: Presence: Trend:	S EASTWARD ACROSS THE INTE M, CLEOME, HELIANTHUS, LUPI 98358 Presumed Extant Unknown Accuracy: Elevation (ft):	s: Global: State: ERMOUNTAI NUS, CHRYS Element Site Last Record L	G4G5 S1S2 N WEST. SOTHAMNUS, Last Seen: .ast Updated:	AND 1968-06-30 1968-06-30
Owner/Manager: Bombus morris Morrison bumble Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	UNKNOW Soni bee Federal: State: Other: General: Micro: 38 Unknown Natural/Na La Grange Stanislaus 37.66465 / Zone-10 N T03S, R14 LA GRANO	None None IUCN_VU-Vulnerable FROM THE SIERRA-CASC FOOD PLANT GENERA IN MELILOTUS. Map Index: 13392 tive occurrence (3712064) 7-120.46270 4171637 E723797 IE, Sec. 20 (M) GE.	CADES RANGES NCLUDE CIRSIU EO Index: Presence: Trend:	S EASTWARD ACROSS THE INTE M, CLEOME, HELIANTHUS, LUPI 98358 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	s: Global: State: ERMOUNTAI NUS, CHRYS Element Site Last Record L	G4G5 S1S2 N WEST. SOTHAMNUS, Last Seen: .ast Updated:	AND 1968-06-30 1968-06-30
Owner/Manager: Bombus morris Morrison bumble Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	UNKNOW Soni bee Federal: State: Other: General: Micro: 38 Unknown Natural/Na La Grange Stanislaus 37.66465 / Zone-10 N T03S, R14 LA GRANG EXACT LC	None None IUCN_VU-Vulnerable FROM THE SIERRA-CASC FOOD PLANT GENERA IN MELILOTUS. Map Index: 13392 tive occurrence (3712064) 7-120.46270 4171637 E723797 IE, Sec. 20 (M) GE.	CADES RANGES NCLUDE CIRSIU EO Index: Presence: Trend:	S EASTWARD ACROSS THE INTE M, CLEOME, HELIANTHUS, LUPI 98358 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	s: Global: State: ERMOUNTAI NUS, CHRYS Element Site Last Record L	G4G5 S1S2 N WEST. SOTHAMNUS, Last Seen: .ast Updated:	AND 1968-06-30 1968-06-30





Bombus crotch	nii				Element Code: IIHYN	/124480			
Crotch bumble be	ee								
Listing Status:	Federal:	None		CNDDB Element Ran	ks: Global: G3G4				
	State:	None			State: S1S2				
	Other:								
Habitat:	General:	General: COASTAL CALIFORNIA EAST TO THE SIERRA-CASCADE CREST AND SOUTH INTO MEXICO.							
	Micro:	FOOD PLANT GENERA IN ERIOGONUM.	ICLUDE ANTIRR	HINUM, PHACELIA, CLARKIA,	DENDROMECON, ESCHSCH	iolzia, and			
Occurrence No.	30	Map Index: 97367	EO Index:	98647	Element Last Seen:	1956-07-02			
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1956-07-02			
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2015-08-28			
Quad Summary:	Merced Fa	alls (3712053)							
County Summary:	Mariposa,	Merced							
Lat/Long:	37.58603	/ -120.34040		Accuracy:	1 mile				
UTM:	Zone-10 N	l4163211 E734833		Elevation (ft):	500				
PLSS:	T04S, R15	5E, Sec. 17 (M)		Acres:	0.0				
Location:	4 MILES WEST OF EXCHEQUER DAM.								
Detailed Location:	MAPPED BY CNDDB 4 AIR MILES WEST OF EXCHEQUER DAM, EAST OF MODESTO.								
Ecological:									
General:	COLLECT	ED 2 JUL 1956.							
Owner/Manager:	UNKNOW	N							
Anodonta californiensis California floater					Element Code: IMBI	/04020			

Listing Status:	Federal:	None		CNDDB Element Rank	s: Global: G3Q			
	• • •				(S: Global: G3Q			
	State:	None			State: S2?			
	Other:	USFS_S-Sensitive						
Habitat:	General: FRESHWATER LAKES AND SLOW-MOVING STREAMS AND RIVERS. TAXONOMY UNDER REVIEW BY SPECIALISTS.							
	Micro:	Micro: GENERALLY IN SHALLOW WATER.						
Occurrence No.	1	Map Index: 47242	EO Index:	47242	Element Last Seen:	1999-01-20		
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1999-01-20		
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2002-02-19		
Quad Summary:	Keystone	(3712075), New Melones Dar	m (3712085)					
County Summary:	Calaveras	, Tuolumne						
Lat/Long:	37.89725	/ -120.57003		Accuracy:	nonspecific area			
UTM:	Zone-10 N	4197199 E713658		Elevation (ft):	505			
PLSS:	T01N, R13	3E, Sec. 32 (M)		Acres:	992.1			
Location:	TULLOCK	LAKE.						
Detailed Location:	FOUND AROUND THE MARGINS OF THE LAKE DURING DRAWDOWN. FOUND ON THE ROCK AND SAND/SILT BOTTOM.							
Ecological:	LAKE USE	LAKE USED FOR RECREATION AND AGRICULTURAL AND DOMESTIC WATER SUPPLY.						
Ecological.								
General:		NTER THE LAKE IS DRAWN ED IN CAS.	DOWN FROM 5	09 FT TO 500 FT EXPOSING TH	IE MUSSELS. THREE SPEC	IMENS TO BE		



California Natural Diversity Database



Monadenia mormonum hirsuta Element Code: IMGASC7072 hirsute Sierra sideband Listing Status: Federal: CNDDB Element Ranks: Global: G2T1 None State: S1 State: None Other: **BLM_S-Sensitive** KNOWN ONLY FROM A FEW BASALTIC OUTCROPS IN TUOLUMNE COUNTY. Habitat: General: Micro: Occurrence No. 3 Map Index: 59804 EO Index: **Element Last Seen:** 2001-02-07 59840 Occ. Rank: Good Presence: Presumed Extant Site Last Seen: 2001-02-07 Natural/Native occurrence Trend: Unknown **Record Last Updated:** 2006-07-07 Occ. Type: Chinese Camp (3712074), Keystone (3712075), Sonora (3712084), New Melones Dam (3712085) **Quad Summary: County Summary:** Tuolumne 37.87726 / -120.50258 Accuracy: nonspecific area Lat/Long: UTM: Zone-10 N4195137 E719648 Elevation (ft): 1300 PLSS: T01S, R13E, Sec. 02, SE (M) 70.6 Acres: TABLE MOUNTAIN, ABOVE ANDREW CREEK, ON THE EAST SIDE OF HIGHWAY 120/108, SE OF NEW MELONES Location: RESERVOIR. **Detailed Location:** LOCATED IN RUBBLE BY CLIFF ABOVE ANDREW CREEK; IN YOSEMITE ESTATES SUBDIVISION. **Ecological:** HABITAT CONSISTS OF ROCK RUBBLE AT THE BASE OF TABLE MOUNTAIN.

 General:
 SEVERAL ADULTS OBSERVED ON 7 FEB 2001. THREE ADULTS AND FIVE EMPTY SHELLS FROM JUVENILE TO SUBADULT, IN POOR TO FAIR CONDITION, COLLECTED BY BRIAN QUELVOG, ID BY BARRY ROTH; DATE NOT GIVEN.

 Owner/Manager:
 PVT