

# Appendix E

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Biological Resource Documentation

BIOS Export - CNDDDB Quad List - Indio  
06/23/2016

Element_Type	Scientific_Name	Common_Name	Federal_Status	State_Status	CDFW_Status	CA_Rare_FData_Status	Taxonomic_Sort
Animals - Birds	<i>Buteo regalis</i>	ferruginous hawk	None	None	WL	- Mapped	Animals - Birds - Accipitridae - <i>Buteo regalis</i>
Animals - Birds	<i>Xanthocephalus xanthocephalus</i>	yellow-headed blackbird	None	None	SSC	- Unprocessed	Animals - Birds - Icteridae - <i>Xanthocephalus xanthocephalus</i>
Animals - Birds	<i>Toxostoma crissale</i>	Crissal thrasher	None	None	SSC	- Mapped and Unprocessed	Animals - Birds - Mimidae - <i>Toxostoma crissale</i>
Animals - Birds	<i>Toxostoma lecontei</i>	Le Conte's thrasher	None	None	SSC	- Mapped	Animals - Birds - Mimidae - <i>Toxostoma lecontei</i>
Animals - Birds	<i>Rallus longirostris yumanensis</i>	Yuma clapper rail	Endangered	Threatened	FP	- Unprocessed	Animals - Birds - Rallidae - <i>Rallus longirostris yumanensis</i>
Animals - Birds	<i>Athene cucularia</i>	burrowing owl	None	None	SSC	- Mapped and Unprocessed	Animals - Birds - Strigidae - <i>Athene cucularia</i>
Animals - Birds	<i>Polioptila melanura</i>	black-tailed gnatcatcher	None	None	WL	- Mapped and Unprocessed	Animals - Birds - Sylviidae - <i>Polioptila melanura</i>
Animals - Birds	<i>Piranga rubra</i>	summer tanager	None	None	SSC	- Unprocessed	Animals - Birds - Thraupidae - <i>Piranga rubra</i>
Animals - Birds	<i>Pyrocephalus rubinus</i>	vermillion flycatcher	None	None	SSC	- Mapped	Animals - Birds - Tyrannidae - <i>Pyrocephalus rubinus</i>
Animals - Insects	<i>Macrobaenetes valgum</i>	Coachella giant sand treader cricket	None	None	-	- Mapped	Animals - Insects - Rhaphidophoridae - <i>Macrobaenetes valgum</i>
Animals - Mammals	<i>Perognathus longimembris bangsi</i>	Palm Springs pocket mouse	None	None	SSC	- Mapped	Animals - Mammals - Heteromyidae - <i>Perognathus longimembris bangsi</i>
Animals - Mammals	<i>Eumops perotis californicus</i>	western mastiff bat	None	None	SSC	- Mapped	Animals - Mammals - Molossidae - <i>Eumops perotis californicus</i>
Animals - Mammals	<i>Taxidea taxus</i>	American badger	None	None	SSC	- Mapped	Animals - Mammals - Mustelidae - <i>Taxidea taxus</i>
Animals - Mammals	<i>Xerospermophilus tereticaudus chlorus</i>	Palm Springs round-tailed ground squirrel	None	None	SSC	- Mapped and Unprocessed	Animals - Mammals - Sciuridae - <i>Xerospermophilus tereticaudus chlorus</i>
Animals - Mammals	<i>Lasiurus xanthinus</i>	western yellow bat	None	None	SSC	- Mapped	Animals - Mammals - Vespertilionidae - <i>Lasiurus xanthinus</i>
Animals - Reptiles	<i>Phrynosoma mcallii</i>	flat-tailed horned lizard	None	Candidate Enc	SSC	- Mapped	Animals - Reptiles - Phrynosomatidae - <i>Phrynosoma mcallii</i>
Animals - Reptiles	<i>Uma inornata</i>	Coachella Valley fringe-toed lizard	Threatened	Endangered	-	- Mapped and Unprocessed	Animals - Reptiles - Phrynosomatidae - <i>Uma inornata</i>
Plants - Vascular	<i>Cryptantha costata</i>	ribbed cryptantha	None	None	-	4.3 Unprocessed	Plants - Vascular - Boraginaceae - <i>Cryptantha costata</i>
Plants - Vascular	<i>Ditaxis claryana</i>	glandular ditaxis	None	None	-	2B.2 Mapped	Plants - Vascular - Euphorbiaceae - <i>Ditaxis claryana</i>
Plants - Vascular	<i>Astragalus lentiginosus</i> var. <i>coachellae</i>	Coachella Valley milk-vetch	Endangered	None	-	1B.2 Mapped	Plants - Vascular - Fabaceae - <i>Astragalus lentiginosus</i> var. <i>coachellae</i>
Plants - Vascular	<i>Astragalus preussii</i> var. <i>laxiflorus</i>	Lancaster milk-vetch	None	None	-	1B.1 Mapped	Plants - Vascular - Fabaceae - <i>Astragalus preussii</i> var. <i>laxiflorus</i>
Plants - Vascular	<i>Astragalus sabulonum</i>	gravel milk-vetch	None	None	-	2B.2 Mapped	Plants - Vascular - Fabaceae - <i>Astragalus sabulonum</i>
Plants - Vascular	<i>Horsfordia alata</i>	pink velvet-mallow	None	None	-	4.3 Unprocessed	Plants - Vascular - Malvaceae - <i>Horsfordia alata</i>
Plants - Vascular	<i>Horsfordia newberryi</i>	Newberry's velvet-mallow	None	None	-	4.3 Unprocessed	Plants - Vascular - Malvaceae - <i>Horsfordia newberryi</i>
Plants - Vascular	<i>Abronia villosa</i> var. <i>aurita</i>	chaparral sand-verbena	None	None	-	1B.1 Mapped	Plants - Vascular - Nyctaginaceae - <i>Abronia villosa</i> var. <i>aurita</i>

Name	Date	Location	Indio	SP Area
ferruginous hawk	1/19/2016	Coachella canal at dillon rd crossing	no	no
burrowing owl	7/5/2007	tyler st and 50th ave	yes	no
	5/15/2007	polk st at avenue 48	yes	no
	6/30/2003	avenue 48 and calhoun st	yes	no
	4/21/1929			
	3/20/1927			
vermilion flycatcher	4/11/1948			
black-tailed gnatchater	3/15/1940			
	2/26/1934			
crissal thrasher	3/30/1941			
	4/19/1924			
	4/7/1922			
le conte's thrasher	4/19/1924			
western yellow bat	6/18/1981	vicinity of Coachella	no	no
	9/17/1985	vicinity of Indio	yes	
	6/27/1976	vicinity of Thermal	no	no
western mastiff bat	3/15/1939	vicinity of Coachella	no	no
palm springs round-tailed ground squirrel	1938	Coachella	no	no
	11/13/2000	3 miles east of indio	no	no
	4/7/2000	east of indio	no	no
Palm springs pocket mouse	Jun-99	southern end of Indio Hills	no	no
	7/14/2001	I-10/McNaughton Interchange	no	no
American badger	unknown	Indio	yes	
flat-tailed horned lizard	6/19/1997	2 miles NE of Indio	no	no
	unknown	Indio	yes	
Coachella Valley fringe-toed lizard	6/15/1995	dillon rd and fargo canyon rd	yes	no
	5/6/1975	dillon rd, 2.5 miles east of highway 111	yes	no
	8/28/1994	3 miles ne of indio	no	no
	1975	Ave 42 and Jackson St	yes	no
	1975	2 miles south of SR-111, south indio	no	no
	1975	ave 42 and van buren st, NE Indio	yes	no
	3/21/1976	south indio hills, ne of indio	no	no
	1975	3 miles east of indio	no	no
	1975	north coachella	no	no
	1975	2 miles south of indio	no	no
	1975	monroe st and ave 52, west of Coachella	yes	no
	1975	jackson st and ave 52, west of Coachella	yes	no
	1975		yes	no
	1975		yes	no
	1975		yes	no
	1975		yes	no
1975		yes	no	
1975		yes	no	
1975		yes	no	
1975		yes	no	
Coachella giant sand treader cricket		2 miles west of indio	no	no
glandular ditaxis	4/27/1906	Indio	Yes	
Lancaster milk-vetch	4/4/1928	Coral Reef Ranch, Coachella Valley	no	
gravel milk-vetch	4/30/1906	Indio	yes	
Coachella Valley milk-vetch	3/16/1929	near indio	no	
chaparral sand-verbena	4/9/1949	indio	yes	



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Query Criteria: County is (Riverside) and Quad is (Indio (3311662))

<b><i>Athene cunicularia</i></b>		<b>Element Code:</b> ABNSB10010	
burrowing owl			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G4
	<b>State:</b> None		<b>State:</b> S3
<b>Other:</b>	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFWS_BCC-Birds of Conservation Concern		
<b>Habitat:</b>	<b>General:</b>	OPEN, DRY ANNUAL OR PERENNIAL GRASSLANDS, DESERTS & SCRUBLANDS CHARACTERIZED BY LOW-GROWING VEGETATION.	
	<b>Micro:</b>	SUBTERRANEAN NESTER, DEPENDENT UPON BURROWING MAMMALS, MOST NOTABLY, THE CALIFORNIA GROUND SQUIRREL.	

<b>Occurrence No.</b>	575	<b>Map Index:</b>	05913	<b>EO Index:</b>	51267	<b>Element Last Seen:</b>	1929-04-21
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>	1929-04-21	<b>Record Last Updated:</b>	2003-05-13
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown				

**Quad Summary:** Thermal Canyon (3311661), Indio (3311662)  
**County Summary:** Riverside

<b>Lat/Long:</b>	33.64055 / -116.14250	<b>Accuracy:</b>	1 mile
<b>UTM:</b>	Zone-11 N3722631 E579521	<b>Elevation (ft):</b>	-120
<b>PLSS:</b>	T06S, R08E, Sec. 22 (S)	<b>Acres:</b>	0.0

**Location:** THERMAL.  
**Detailed Location:**  
**Ecological:**  
**General:** SBCM EGG SET #3402 COLLECTED 21 APR 1929.  
**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	577	<b>Map Index:</b>	05843	<b>EO Index:</b>	51269	<b>Element Last Seen:</b>	1927-03-20
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>	1927-03-20	<b>Record Last Updated:</b>	2003-05-13
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown				

**Quad Summary:** Indio (3311662)  
**County Summary:** Riverside

<b>Lat/Long:</b>	33.71890 / -116.22140	<b>Accuracy:</b>	1 mile
<b>UTM:</b>	Zone-11 N3731260 E572139	<b>Elevation (ft):</b>	-10
<b>PLSS:</b>	T05S, R07E, Sec. 23 (S)	<b>Acres:</b>	0.0

**Location:** INDIO.  
**Detailed Location:**  
**Ecological:**  
**General:** SBCM EGG SET #2579 COLLECTED 20 MAR 1927.  
**Owner/Manager:** UNKNOWN



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<b>Occurrence No.</b>	656	<b>Map Index:</b> 53933	<b>EO Index:</b> 53933	<b>Element Last Seen:</b>	2003-06-30
<b>Occ. Rank:</b>	None		<b>Presence:</b> Extirpated	<b>Site Last Seen:</b>	2003-12-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Decreasing	<b>Record Last Updated:</b>	2004-01-14
<b>Quad Summary:</b>	Indio (3311662)				
<b>County Summary:</b>	Riverside				
<b>Lat/Long:</b>	33.69886 / -116.20952		<b>Accuracy:</b>	80 meters	
<b>UTM:</b>	Zone-11 N3729048 E573256		<b>Elevation (ft):</b>	-30	
<b>PLSS:</b>	T05S, R07E, Sec. 36 (S)		<b>Acres:</b>	0.0	
<b>Location:</b>	SW OF THE INTERSECTION OF AVENUE 48 AND CALHOUN STREET, INDIO.				
<b>Detailed Location:</b>					
<b>Ecological:</b>	"BURROW" CONSISTS OF AN AGRICULTURAL STAND PIPE IN AN AREA OF FALLOW AGRICULTURE, WHICH WAS DEVELOPED BY DEC 2003.				
<b>General:</b>	1 INDIVIDUAL OBSERVED ON 30 JUN 2003 AT THE STAND PIPE ENTRANCE; BY DEC 2003 NO OWLS COULD BE FOUND, AND THE SITE WAS DEVELOPED.				
<b>Owner/Manager:</b>	UNKNOWN				
<b>Occurrence No.</b>	1127	<b>Map Index:</b> 71504	<b>EO Index:</b> 72398	<b>Element Last Seen:</b>	2007-07-05
<b>Occ. Rank:</b>	Good		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2007-07-05
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2008-08-20
<b>Quad Summary:</b>	Indio (3311662)				
<b>County Summary:</b>	Riverside				
<b>Lat/Long:</b>	33.69197 / -116.16978		<b>Accuracy:</b>	80 meters	
<b>UTM:</b>	Zone-11 N3728313 E576945		<b>Elevation (ft):</b>	730	
<b>PLSS:</b>	T05S, R08E, Sec. 32 (S)		<b>Acres:</b>	0.0	
<b>Location:</b>	0.52 MI NW OF THE JUNCTION OF TYLER ST & 50TH AVE, 0.73 MI NE OF COACHELLA.				
<b>Detailed Location:</b>					
<b>Ecological:</b>	HABITAT CONSISTS OF SAND DUNE AND DESERT SCRUB COMMUNITIES.				
<b>General:</b>	2 ADULTS OBSERVED AT BURROW ON 5 JUL 2007.				
<b>Owner/Manager:</b>	UNKNOWN				
<b>Occurrence No.</b>	1603	<b>Map Index:</b> 81016	<b>EO Index:</b> 82003	<b>Element Last Seen:</b>	2007-05-15
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2007-05-15
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2010-12-07
<b>Quad Summary:</b>	Indio (3311662)				
<b>County Summary:</b>	Riverside				
<b>Lat/Long:</b>	33.71129 / -116.14241		<b>Accuracy:</b>	80 meters	
<b>UTM:</b>	Zone-11 N3730475 E579463		<b>Elevation (ft):</b>	130	
<b>PLSS:</b>	T05S, R08E, Sec. 27 (S)		<b>Acres:</b>	0.0	
<b>Location:</b>	0.8 MI NNE POLK ST AT AVENUE 48, & 7.75 MI ESE OF DILLON RD AT I-10, 3 MI NE COACHELLA PO.				
<b>Detailed Location:</b>	BLOCK CODE 3730-575 - LOCATION CODE A. MAPPED TO PROVIDED COORDINATES.				
<b>Ecological:</b>	LOWLAND ELEVATION SUBREGION.				
<b>General:</b>	1 ADULT OBSERVED AND 1 BREEDING PAIR ESTIMATED TO OCCUR IN AREA ON 15 MAY 2007.				
<b>Owner/Manager:</b>	UNKNOWN				



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<b><i>Pyrocephalus rubinus</i></b>		<b>Element Code:</b> ABPAE36010	
vermilion flycatcher			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G5
	<b>State:</b> None		<b>State:</b> S2S3
	<b>Other:</b> CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern		
<b>Habitat:</b>	<b>General:</b> DURING NESTING, INHABITS DESERT RIPARIAN ADJACENT TO IRRIGATED FIELDS, IRRIGATION DITCHES, PASTURES, & OTHER OPEN, MESIC AREAS		
	<b>Micro:</b> NEST IN COTTONWOOD, WILLOW, MESQUITE, AND OTHER LARGE DESERT RIPARIAN TREES.		

<b>Occurrence No.</b>	20	<b>Map Index:</b>	05913	<b>EO Index:</b>	4744	<b>Element Last Seen:</b>	1948-04-11
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		1948-04-11	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		1989-08-10	

**Quad Summary:** Thermal Canyon (3311661), Indio (3311662)  
**County Summary:** Riverside

<b>Lat/Long:</b>	33.64055 / -116.14250	<b>Accuracy:</b>	1 mile
<b>UTM:</b>	Zone-11 N3722631 E579521	<b>Elevation (ft):</b>	120
<b>PLSS:</b>	T06S, R08E, Sec. 22 (S)	<b>Acres:</b>	0.0

**Location:** THERMAL, ABOUT 7 MI SE OF INDIO.  
**Detailed Location:**  
**Ecological:**  
**General:** SPECIMEN (UCLA #11966) COLLECTED IN 1918. MUSEUM EGG SET (SBMNH #8832) COLLECTED IN 1948.  
**Owner/Manager:** UNKNOWN



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<b><i>Polioptila melanura</i></b>		<b>Element Code:</b> ABPBJ08030	
black-tailed gnatcatcher			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G5
	<b>State:</b> None		<b>State:</b> S3S4
	<b>Other:</b> CDFW_WL-Watch List, IUCN_LC-Least Concern		
<b>Habitat:</b>	<b>General:</b> PRIMARILY INHABITS WOODED DESERT WASH HABITATS; ALSO OCCURS IN DESERT SCRUB HABITAT, ESPECIALLY IN WINTER.		
	<b>Micro:</b> NESTS IN DESERT WASHES CONTAINING MESQUITE, PALOVERDE, IRONWOOD, ACACIA; ABSENT FROM AREAS WHERE SALT CEDAR INTRODUCED.		

<b>Occurrence No.</b>	16	<b>Map Index:</b>	05913	<b>EO Index:</b>	4731	<b>Element Last Seen:</b>	1940-03-15
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		1940-03-15	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		1989-08-10	
<b>Quad Summary:</b>	Thermal Canyon (3311661), Indio (3311662)						
<b>County Summary:</b>	Riverside						
<b>Lat/Long:</b>	33.64055 / -116.14250		<b>Accuracy:</b>	1 mile			
<b>UTM:</b>	Zone-11 N3722631 E579521		<b>Elevation (ft):</b>	-120			
<b>PLSS:</b>	T06S, R08E, Sec. 22 (S)		<b>Acres:</b>	0.0			
<b>Location:</b>	THERMAL.						
<b>Detailed Location:</b>							
<b>Ecological:</b>							
<b>General:</b>	SBCM EGG SET #6578; OTHER EGG SETS COLLECTED IN 1922, 1934, 1938, 1939, AND 1940.						
<b>Owner/Manager:</b>	UNKNOWN						

<b>Occurrence No.</b>	17	<b>Map Index:</b>	05882	<b>EO Index:</b>	25012	<b>Element Last Seen:</b>	1934-02-26
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		1934-02-26	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		1989-08-10	
<b>Quad Summary:</b>	Indio (3311662)						
<b>County Summary:</b>	Riverside						
<b>Lat/Long:</b>	33.68335 / -116.17862		<b>Accuracy:</b>	1 mile			
<b>UTM:</b>	Zone-11 N3727350 E576134		<b>Elevation (ft):</b>				
<b>PLSS:</b>	T06S, R08E, Sec. 05 (S)		<b>Acres:</b>	0.0			
<b>Location:</b>	COACHELLA.						
<b>Detailed Location:</b>							
<b>Ecological:</b>							
<b>General:</b>	LACM SPECIMEN #18414 AND SBCM EGG #6121 (1928-03-27).						
<b>Owner/Manager:</b>	UNKNOWN						

<b><i>Toxostoma crissale</i></b>		<b>Element Code:</b> ABPBK06090	
Crissal thrasher			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G5
	<b>State:</b> None		<b>State:</b> S3
	<b>Other:</b> CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern		
<b>Habitat:</b>	<b>General:</b> RESIDENT OF SOUTHEASTERN DESERTS IN DESERT RIPARIAN AND DESERT WASH HABITATS.		
	<b>Micro:</b> NESTS IN DENSE VEGETATION ALONG STREAMS/WASHES; MESQUITE, SCREWBEAN MESQUITE, IRONWOOD, CATCLAW, ACACIA, ARROWWEED, WILLOW.		



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<b>Occurrence No.</b>	2	<b>Map Index:</b> 05882	<b>EO Index:</b> 24425	<b>Element Last Seen:</b>	1941-03-30
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1941-03-30
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	1989-08-10
<b>Quad Summary:</b>	Indio (3311662)				
<b>County Summary:</b>	Riverside				
<b>Lat/Long:</b>	33.68335 / -116.17862		<b>Accuracy:</b>	1 mile	
<b>UTM:</b>	Zone-11 N3727350 E576134		<b>Elevation (ft):</b>	-71	
<b>PLSS:</b>	T06S, R08E, Sec. 05 (S)		<b>Acres:</b>	0.0	
<b>Location:</b>	COACHELLA.				
<b>Detailed Location:</b>					
<b>Ecological:</b>					
<b>General:</b>	EGG SET #6837 SBCM.				
<b>Owner/Manager:</b>	UNKNOWN				
<b>Occurrence No.</b>	3	<b>Map Index:</b> 05843	<b>EO Index:</b> 24419	<b>Element Last Seen:</b>	1924-94-19
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1924-94-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	1989-08-10
<b>Quad Summary:</b>	Indio (3311662)				
<b>County Summary:</b>	Riverside				
<b>Lat/Long:</b>	33.71890 / -116.22140		<b>Accuracy:</b>	1 mile	
<b>UTM:</b>	Zone-11 N3731260 E572139		<b>Elevation (ft):</b>	-14	
<b>PLSS:</b>	T05S, R07E, Sec. 23 (S)		<b>Acres:</b>	0.0	
<b>Location:</b>	INDIO.				
<b>Detailed Location:</b>					
<b>Ecological:</b>					
<b>General:</b>	#26590 CAS.				
<b>Owner/Manager:</b>	UNKNOWN				
<b>Occurrence No.</b>	4	<b>Map Index:</b> 05913	<b>EO Index:</b> 4745	<b>Element Last Seen:</b>	1922-04-07
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1922-04-07
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	1991-04-11
<b>Quad Summary:</b>	Thermal Canyon (3311661), Indio (3311662)				
<b>County Summary:</b>	Riverside				
<b>Lat/Long:</b>	33.64055 / -116.14250		<b>Accuracy:</b>	1 mile	
<b>UTM:</b>	Zone-11 N3722631 E579521		<b>Elevation (ft):</b>	-120	
<b>PLSS:</b>	T06S, R08E, Sec. 22 (S)		<b>Acres:</b>	0.0	
<b>Location:</b>	THERMAL.				
<b>Detailed Location:</b>					
<b>Ecological:</b>					
<b>General:</b>	#4727 LACM, #B256 UCLA. ALSO SEEN HERE 1-27-1916.				
<b>Owner/Manager:</b>	UNKNOWN				





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**Toxostoma lecontei**

Element Code: ABPBK06100

Le Conte's thrasher

**Listing Status:** **Federal:** None **CNDDDB Element Ranks:** **Global:** G4  
**State:** None **State:** S3  
**Other:** CDFW\_SSC-Species of Special Concern, IUCN\_LC-Least Concern, NABCI\_RWL-Red Watch List, USFWS\_BCC-Birds of Conservation Concern  
**Habitat:** **General:** DESERT RESIDENT; PRIMARILY OF OPEN DESERT WASH, DESERT SCRUB, ALKALI DESERT SCRUB, AND DESERT SUCCULENT SCRUB HABITATS.  
**Micro:** COMMONLY NESTS IN A DENSE, SPINY SHRUB OR DENSELY BRANCHED CACTUS IN DESERT WASH HABITAT, USUALLY 2-8 FEET ABOVE GROUND.

**Occurrence No.** 26 **Map Index:** 05843 **EO Index:** 24537 **Element Last Seen:** 1924-04-19  
**Occ. Rank:** Unknown **Presence:** Presumed Extant **Site Last Seen:** 1924-04-19  
**Occ. Type:** Natural/Native occurrence **Trend:** Unknown **Record Last Updated:** 1989-08-10

**Quad Summary:** Indio (3311662)**County Summary:** Riverside

**Lat/Long:** 33.71890 / -116.22140 **Accuracy:** 1 mile  
**UTM:** Zone-11 N3731260 E572139 **Elevation (ft):** -10  
**PLSS:** T05S, R07E, Sec. 23 (S) **Acres:** 0.0

**Location:** INDIO.**Detailed Location:****Ecological:****General:** CAS SPECIMEN #26589.**Owner/Manager:** UNKNOWN**Lasiurus xanthinus**

Element Code: AMACC05070

western yellow bat

**Listing Status:** **Federal:** None **CNDDDB Element Ranks:** **Global:** G5  
**State:** None **State:** S3  
**Other:** CDFW\_SSC-Species of Special Concern, IUCN\_LC-Least Concern, WBWG\_H-High Priority  
**Habitat:** **General:** FOUND IN VALLEY FOOTHILL RIPARIAN, DESERT RIPARIAN, DESERT WASH, AND PALM OASIS HABITATS.  
**Micro:** ROOSTS IN TREES, PARTICULARLY PALMS. FORAGES OVER WATER AND AMONG TREES.

**Occurrence No.** 14 **Map Index:** 05882 **EO Index:** 58911 **Element Last Seen:** 1981-06-18  
**Occ. Rank:** Unknown **Presence:** Presumed Extant **Site Last Seen:** 1981-06-18  
**Occ. Type:** Natural/Native occurrence **Trend:** Unknown **Record Last Updated:** 2004-12-21

**Quad Summary:** Indio (3311662)**County Summary:** Riverside

**Lat/Long:** 33.68335 / -116.17862 **Accuracy:** 1 mile  
**UTM:** Zone-11 N3727350 E576134 **Elevation (ft):** 70  
**PLSS:** T06S, R08E, Sec. 05 (S) **Acres:** 0.0

**Location:** COACHELLA.**Detailed Location:** EXACT LOCATION UNKNOWN. MAPPED IN THE VICINITY OF COACHELLA.**Ecological:****General:** ONE FEMALE SPECIMEN COLLECTED 18 JUN 1981 BY D. CONSTANTINE AT "COACHELLA." DEPOSITED AT MVZ #181880.**Owner/Manager:** UNKNOWN



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<b>Occurrence No.</b>	20	<b>Map Index:</b> 05843	<b>EO Index:</b> 58921	<b>Element Last Seen:</b>	1985-09-17
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1985-09-17
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2004-12-21
<b>Quad Summary:</b>	Indio (3311662)				
<b>County Summary:</b>	Riverside				
<b>Lat/Long:</b>	33.71890 / -116.22140		<b>Accuracy:</b>	1 mile	
<b>UTM:</b>	Zone-11 N3731260 E572139		<b>Elevation (ft):</b>	-10	
<b>PLSS:</b>	T05S, R07E, Sec. 23 (S)		<b>Acres:</b>	0.0	
<b>Location:</b>	INDIO.				
<b>Detailed Location:</b>	EXACT LOCATION NOT KNOWN. MAPPED IN THE VICINITY OF INDIO AND THE LAT-LONG COORDINATES GIVEN. LOCATION UNCERTAINTY GIVEN AS 1066.8 M (0.66 MI).				
<b>Ecological:</b>					
<b>General:</b>	2 MALE & 1 FEMALE SPECIMENS COLLECTED 4 OCT 1977, 24 JUN 1982 & 17 SEP 1985 BY D. CONSTANTINE AT "INDIO." DEPOSITED AT MVZ #181898, 181899 & 181900.				
<b>Owner/Manager:</b>	UNKNOWN				

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<b>Occurrence No.</b>	32	<b>Map Index:</b> 05913	<b>EO Index:</b> 58940	<b>Element Last Seen:</b>	1976-06-27
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1976-06-27
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2004-12-21
<b>Quad Summary:</b>	Thermal Canyon (3311661), Indio (3311662)				
<b>County Summary:</b>	Riverside				
<b>Lat/Long:</b>	33.64055 / -116.14250		<b>Accuracy:</b>	1 mile	
<b>UTM:</b>	Zone-11 N3722631 E579521		<b>Elevation (ft):</b>	-120	
<b>PLSS:</b>	T06S, R08E, Sec. 22 (S)		<b>Acres:</b>	0.0	
<b>Location:</b>	THERMAL, RIVERSIDE COUNTY.				
<b>Detailed Location:</b>	EXACT LOCATION UNKNOWN. MAPPED IN THE VICINITY OF THERMAL.				
<b>Ecological:</b>					
<b>General:</b>	1 MALE & 1 FEMALE SPECIMENS COLLECTED 14 APR & 27 JUN 1976 BY D. CONSTANTINE AT "THERMAL." DEPOSITED AT MVZ #181924 & 181925.				
<b>Owner/Manager:</b>	UNKNOWN				

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<b><i>Eumops perotis californicus</i></b>		<b>Element Code:</b> AMACD02011	
western mastiff bat			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G5T4
	<b>State:</b> None		<b>State:</b> S3S4
	<b>Other:</b> BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, WBWG_H-High Priority		
<b>Habitat:</b>	<b>General:</b> MANY OPEN, SEMI-ARID TO ARID HABITATS, INCLUDING CONIFER & DECIDUOUS WOODLANDS, COASTAL SCRUB, GRASSLANDS, CHAPARRAL ETC		
	<b>Micro:</b> ROOSTS IN CREVICES IN CLIFF FACES, HIGH BUILDINGS, TREES & TUNNELS.		

<b>Occurrence No.</b>	77	<b>Map Index:</b>	05882	<b>EO Index:</b>	66409	<b>Element Last Seen:</b>	1939-03-15
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>			1939-03-15
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>			2006-09-26
<b>Quad Summary:</b>	Indio (3311662)						
<b>County Summary:</b>	Riverside						
<b>Lat/Long:</b>	33.68335 / -116.17862		<b>Accuracy:</b>	1 mile			
<b>UTM:</b>	Zone-11 N3727350 E576134		<b>Elevation (ft):</b>				
<b>PLSS:</b>	T06S, R08E, Sec. 05 (S)		<b>Acres:</b>	0.0			
<b>Location:</b>	COACHELLA.						
<b>Detailed Location:</b>	MAPPED IN THE GENERAL VICINITY OF COACHELLA.						
<b>Ecological:</b>							
<b>General:</b>	1 FEMALE SPECIMEN COLLECTED BY B.L. CLARY ON 15 MAR 1939, LACM #30978.						
<b>Owner/Manager:</b>	UNKNOWN						

<b><i>Xerospermophilus tereticaudus chlorus</i></b>		<b>Element Code:</b> AMAFB05161	
Palm Springs round-tailed ground squirrel			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G5T2Q
	<b>State:</b> None		<b>State:</b> S1S2
	<b>Other:</b> BLM_S-Sensitive, CDFW_SSC-Species of Special Concern		
<b>Habitat:</b>	<b>General:</b> RESTRICTED TO THE COACHELLA VALLEY. PREFERS DESERT SUCCULENT SCRUB, DESERT WASH, DESERT SCRUB, ALKALI SCRUB, & LEVEES.		
	<b>Micro:</b> PREFERS OPEN, FLAT, GRASSY AREAS IN FINE-TEXTURED, SANDY SOIL. DENSITY CORRELATED WITH WINTER RAINFALL.		

<b>Occurrence No.</b>	7	<b>Map Index:</b>	05882	<b>EO Index:</b>	24195	<b>Element Last Seen:</b>	1938-XX-XX
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>			1938-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>			1989-08-10
<b>Quad Summary:</b>	Indio (3311662)						
<b>County Summary:</b>	Riverside						
<b>Lat/Long:</b>	33.68335 / -116.17862		<b>Accuracy:</b>	1 mile			
<b>UTM:</b>	Zone-11 N3727350 E576134		<b>Elevation (ft):</b>	70			
<b>PLSS:</b>	T06S, R08E, Sec. 05 (S)		<b>Acres:</b>	0.0			
<b>Location:</b>	COACHELLA.						
<b>Detailed Location:</b>							
<b>Ecological:</b>							
<b>General:</b>	PG 359.						
<b>Owner/Manager:</b>	UNKNOWN						



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<b>Occurrence No.</b>	9	<b>Map Index:</b> 45736	<b>EO Index:</b> 45736	<b>Element Last Seen:</b>	2000-11-13
<b>Occ. Rank:</b>	Poor		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2000-11-13
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2001-12-12

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.72405 / -116.16150	<b>Accuracy:</b>	80 meters
<b>UTM:</b>	Zone-11 N3731875 E577684	<b>Elevation (ft):</b>	35
<b>PLSS:</b>	T05S, R08E, Sec. 21 (S)	<b>Acres:</b>	0.0

**Location:** WEST SIDE OF THE COACHELLA CANAL, EAST OF DILLON RD AND NORTH OF I-10. ABOUT 3 MILES EAST OF INDIO.

**Detailed Location:**

**Ecological:** HABITAT CONSISTS OF THE CANAL LEVEE, VINEYARDS, AND DESERT SALTBUSSH SCRUB.

**General:** 1 INDIVIDUAL OBSERVED ON 13 NOV 2000.

**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	10	<b>Map Index:</b> 45742	<b>EO Index:</b> 45742	<b>Element Last Seen:</b>	2000-04-07
<b>Occ. Rank:</b>	Poor		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2000-04-07
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2001-12-12

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.73107 / -116.16349	<b>Accuracy:</b>	80 meters
<b>UTM:</b>	Zone-11 N3732652 E577493	<b>Elevation (ft):</b>	45
<b>PLSS:</b>	T05S, R08E, Sec. 16 (S)	<b>Acres:</b>	0.0

**Location:** ALONG THE EAST SIDE OF DILLON ROAD, 0.3 MILE NORTH OF COACHELLA CANAL, EAST OF INDIO.

**Detailed Location:**

**Ecological:** HABITAT CONSISTS OF DISTURBED DESERT SALTBUSSH SCRUB.

**General:** 2 INDIVIDUALS OBSERVED ON 7 APR 2000.

**Owner/Manager:** UNKNOWN



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<b><i>Perognathus longimembris bangsi</i></b>		<b>Element Code:</b> AMAFD01043	
Palm Springs pocket mouse			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G5T2T3
	<b>State:</b> None		<b>State:</b> S2S3
	<b>Other:</b> BLM_S-Sensitive, CDFW_SSC-Species of Special Concern		
<b>Habitat:</b>	<b>General:</b> DESERT RIPARIAN, DESERT SCRUB, DESERT WASH & SAGEBRUSH HABITATS. MOST COMMON IN CRESOTE-DOMINATED DESERT SCRUB.		
	<b>Micro:</b> RARELY FOUND ON ROCKY SITES. OCCURS IN ALL CANOPY COVERAGE CLASSES.		

<b>Occurrence No.</b>	5	<b>Map Index:</b> 51793	<b>EO Index:</b> 51793	<b>Element Last Seen:</b>	1999-06-XX
<b>Occ. Rank:</b>	Good		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1999-06-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2003-07-17
<b>Quad Summary:</b>	Indio (3311662), West Berdoo Canyon (3311672)				
<b>County Summary:</b>	Riverside				
<b>Lat/Long:</b>	33.75099 / -116.19132		<b>Accuracy:</b>	nonspecific area	
<b>UTM:</b>	Zone-11 N3734841 E574897		<b>Elevation (ft):</b>	75	
<b>PLSS:</b>	T05S, R08E, Sec. 07 (S)		<b>Acres:</b>	942.3	
<b>Location:</b>	AT THE BASE OF THE SOUTHERN END OF THE INDIO HILLS, NE OF INDIO.				
<b>Detailed Location:</b>	TRAPLINES SET ON BOTH THE EAST AND WEST SIDES OF INDIO HILLS.				
<b>Ecological:</b>	HABITAT CONSISTS OF DESERT SCRUB AND RIPARIAN, DOMINATED BY C. LINEARIS, LARREA TRIDENTATA, E. FARINOSA, A. DUMOSA, AND H. SALSOLA. SITE HAS ~15% SHRUB COVER ON SANDY/GRAVELLY SOILS (LEVEL).				
<b>General:</b>	4 ADULTS CAPTURED DURING JUN 1999 SURVEYS.				
<b>Owner/Manager:</b>	UNKNOWN				

<b>Occurrence No.</b>	14	<b>Map Index:</b> 70534	<b>EO Index:</b> 71441	<b>Element Last Seen:</b>	2001-07-14
<b>Occ. Rank:</b>	Fair		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2001-07-14
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2007-11-27
<b>Quad Summary:</b>	Thermal Canyon (3311661), Indio (3311662)				
<b>County Summary:</b>	Riverside				
<b>Lat/Long:</b>	33.69855 / -116.11617		<b>Accuracy:</b>	nonspecific area	
<b>UTM:</b>	Zone-11 N3729083 E581907		<b>Elevation (ft):</b>	330	
<b>PLSS:</b>	T05S, R08E, Sec. 35 (S)		<b>Acres:</b>	1938.0	
<b>Location:</b>	I-10/MCNAUGHTON INTERCHANGE, COACHELLA VALLEY.				
<b>Detailed Location:</b>					
<b>Ecological:</b>	HABITAT CONSISTS OF CREOSOTE DESERT SCRUB, DOMINATED BY CREOSOTE BUSH, INDIGO BUSH, AND CHEESEBUSH. SITE IS LOCATED ON THE NORTHERN BORDER OF STEEP BADLANDS, BRAIDED STREAMBEDS, AND BORDERED BY SMALL HILLS AND BENCHES.				
<b>General:</b>	3 JUVENILES DETECTED DURING SURVEYS CONDUCTED 10-14 JUL 2001.				
<b>Owner/Manager:</b>	UNKNOWN				



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**Taxidea taxus**

Element Code: AMAJF04010

American badger

<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G5
	<b>State:</b> None		<b>State:</b> S3
	<b>Other:</b> CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern		
<b>Habitat:</b>	<b>General:</b> MOST ABUNDANT IN DRIER OPEN STAGES OF MOST SHRUB, FOREST, AND HERBACEOUS HABITATS, WITH FRIABLE SOILS.		
	<b>Micro:</b> NEEDS SUFFICIENT FOOD, FRIABLE SOILS & OPEN, UNCULTIVATED GROUND. PREYS ON BURROWING RODENTS. DIGS BURROWS.		

<b>Occurrence No.</b>	303	<b>Map Index:</b>	05843	<b>EO Index:</b>	57546	<b>Element Last Seen:</b>	XXXX-XX-XX
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		<b>Record Last Updated:</b>	2004-10-21
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b>	Unknown			

**Quad Summary:** Indio (3311662)**County Summary:** Riverside

<b>Lat/Long:</b>	33.71890 / -116.22140	<b>Accuracy:</b>	1 mile
<b>UTM:</b>	Zone-11 N3731260 E572139	<b>Elevation (ft):</b>	-10
<b>PLSS:</b>	T05S, R07E, Sec. 23 (S)	<b>Acres:</b>	0.0

**Location:** INDIO.**Detailed Location:****Ecological:****General:** 1 COLLECTED, UCLA.**Owner/Manager:** UNKNOWN



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<b><i>Phrynosoma mcallii</i></b>		<b>Element Code:</b> ARACF12040	
flat-tailed horned lizard			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G3
	<b>State:</b> Candidate Endangered		<b>State:</b> S2
	<b>Other:</b> BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_NT-Near Threatened		
<b>Habitat:</b>	<b>General:</b> RESTRICTED TO DESERT WASHES AND DESERT FLATS IN CENTRAL RIVERSIDE, EASTERN SAN DIEGO, AND IMPERIAL COUNTIES.		
	<b>Micro:</b> CRITICAL HABITAT ELEMENT IS FINE SAND, INTO WHICH LIZARDS BURROW TO AVOID TEMP EXTREMES; REQUIRES VEGETATIVE COVER AND ANTS.		

<b>Occurrence No.</b>	64	<b>Map Index:</b>	36959	<b>EO Index:</b>	31956	<b>Element Last Seen:</b>	1997-06-19
<b>Occ. Rank:</b>	Good	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		1997-06-19	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		1998-09-09	
<b>Quad Summary:</b>	Indio (3311662)						
<b>County Summary:</b>	Riverside						
<b>Lat/Long:</b>	33.73749 / -116.18037		<b>Accuracy:</b>	80 meters			
<b>UTM:</b>	Zone-11 N3733351 E575924		<b>Elevation (ft):</b>	50			
<b>PLSS:</b>	T05S, R08E, Sec. 17 (S)		<b>Acres:</b>	0.0			
<b>Location:</b>	NORTH SIDE OF COACHELLA CANAL, SOUTH OF THE INDIO HILLS, 2 MILES NE OF INDIO.						
<b>Detailed Location:</b>	2 FEMALES LIZARD COLLECTED BY M. POLLECK, NE OF INDIO, 6/9/1964, GENERAL LOCATION GIVEN, MUSEUM RECORD #00330 & #00928.						
<b>Ecological:</b>	HABITAT CONSISTS OF A SANDY AREA WITH MESQUITE HUMMOCKS, INTERSPERSED WITH LOWER LYING ALKALI SCRUB. AGRICULTURAL AREAS AND THE COACHELLA CANAL LIE TO THE SOUTH.						
<b>General:</b>	1 ADULT OBSERVED ON 19 JUNE 1997. MUSEUM SPECIMENS (CPC), #00330 (00300?) & #00928, MAY 1964.						
<b>Owner/Manager:</b>	UNKNOWN						

<b>Occurrence No.</b>	219	<b>Map Index:</b>	05843	<b>EO Index:</b>	82789	<b>Element Last Seen:</b>	XXXX-XX-XX
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		XXXX-XX-XX	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2011-02-16	
<b>Quad Summary:</b>	Indio (3311662)						
<b>County Summary:</b>	Riverside						
<b>Lat/Long:</b>	33.71890 / -116.22140		<b>Accuracy:</b>	1 mile			
<b>UTM:</b>	Zone-11 N3731260 E572139		<b>Elevation (ft):</b>	-10			
<b>PLSS:</b>	T05S, R07E, Sec. 23 (S)		<b>Acres:</b>	0.0			
<b>Location:</b>	INDIO.						
<b>Detailed Location:</b>	LOCATION STATED AS "INDIO".						
<b>Ecological:</b>							
<b>General:</b>	USNM #84029 COLLECTED BY D. MOORE ON AN UNKNOWN DATE.						
<b>Owner/Manager:</b>	UNKNOWN						

<b><i>Uma inornata</i></b>		<b>Element Code:</b> ARACF15010	
Coachella Valley fringe-toed lizard			
<b>Listing Status:</b>	<b>Federal:</b> Threatened	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G1Q
	<b>State:</b> Endangered		<b>State:</b> S1
	<b>Other:</b> IUCN_EN-Endangered		
<b>Habitat:</b>	<b>General:</b> LIMITED TO SANDY AREAS IN THE COACHELLA VALLEY, RIVERSIDE COUNTY.		
	<b>Micro:</b>		



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REQUIRES FINE, LOOSE, WINDBLOWN SAND (FOR BURROWING), INTERSPERSED WITH HARDPAN AND WIDELY SPACED DESERT SHRUBS.

<b>Occurrence No.</b>	55	<b>Map Index:</b>	05892	<b>EO Index:</b>	27896	<b>Element Last Seen:</b>	1975-05-06
<b>Occ. Rank:</b>	Poor	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		1975-05-06	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Decreasing	<b>Record Last Updated:</b>		2003-01-31	
<b>Quad Summary:</b>	Indio (3311662)						
<b>County Summary:</b>	Riverside						
<b>Lat/Long:</b>	33.72409 / -116.16218		<b>Accuracy:</b>	1/5 mile			
<b>UTM:</b>	Zone-11 N3731879 E577621		<b>Elevation (ft):</b>	10			
<b>PLSS:</b>	T05S, R08E, Sec. 21 (S)		<b>Acres:</b>	0.0			
<b>Location:</b>	EAST SIDE OF DILLON ROAD, APPROXIMATELY 2.5 MILES EAST OF HIGHWAY 111.						
<b>Detailed Location:</b>	T5S R8E NW 1/4 OF SW 1/4 SECTION 21.						
<b>Ecological:</b>	POSSIBLY A FEW LIZARDS STILL EXTANT, BUT NOT VIABLE (1988).						
<b>General:</b>	LAST OBSERVED 6 MAY 1975, BRODE & CORDONE FIELD #257. INCLUDES DATA FROM RECOVERY PLAN (1984).						
<b>Owner/Manager:</b>	UNKNOWN						

<b>Occurrence No.</b>	103	<b>Map Index:</b>	31526	<b>EO Index:</b>	2536	<b>Element Last Seen:</b>	1994-08-28
<b>Occ. Rank:</b>	Fair	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		1994-08-28	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2003-01-31	
<b>Quad Summary:</b>	Indio (3311662), West Berdoo Canyon (3311672)						
<b>County Summary:</b>	Riverside						
<b>Lat/Long:</b>	33.74535 / -116.17076		<b>Accuracy:</b>	nonspecific area			
<b>UTM:</b>	Zone-11 N3734230 E576807		<b>Elevation (ft):</b>	90			
<b>PLSS:</b>	T05S, R08E, Sec. 08 (S)		<b>Acres:</b>	121.5			
<b>Location:</b>	SOUTHERN EDGE OF INDIO HILLS EXTENDING 0.7 MILE TO DILLON ROAD, ABOUT 3 MILES NE OF INDIO.						
<b>Detailed Location:</b>	MUTH: T5S R8E SW 1/4 OF SE 1/4 SECTION 8. ENGLAND AND NELSON: T5S R8E NE 1/4 OF SW 1/4 SECTION 8. DAVIS: T5S R8E NE 1/4 OF NE 1/4 SECTION 17. INCLUDES DATA FROM RECOVERY PLAN (1984).						
<b>Ecological:</b>	SCATTERED PATCHES AEOLIAN SAND, CREOSOTE SCRUB. LAND USE IN THE AREA IS AGRICULTURAL AND SAND AND GRAVEL MINING.						
<b>General:</b>	7 INDIVIDUALS SEEN, 5 CAPTURED & RELEASED 8/28/94 - WRITTEN DIRECTIONS CONFLICTED WITH TOWNSHIP, RANGE & SECTION INFO. MAPPED ACCORDING TO T-R-S. ENGLAND AND NELSON LOCALITY FOR JULY 1975. DAVIS RECORD FOR TIME PERIOD 1969-1975.						
<b>Owner/Manager:</b>	UNKNOWN						





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<b>Occurrence No.</b>	188	<b>Map Index:</b> 50030	<b>EO Index:</b> 50030	<b>Element Last Seen:</b> 1975-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1975-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2003-01-29

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.74585 / -116.21897	<b>Accuracy:</b>	nonspecific area
<b>UTM:</b>	Zone-11 N3734250 E572341	<b>Elevation (ft):</b>	0
<b>PLSS:</b>	T05S, R07E, Sec. 11 (S)	<b>Acres:</b>	39.5

**Location:** 0.5 MILE NORTH OF I-10, NORTH INDIO.

**Detailed Location:** BORDERED TO SOUTH BY AVENUE 42 AND TO THE EAST BY JACKSON STREET. T5S R7E SE 1/4 OF SE 1/4 SECTION 11.

**Ecological:**

**General:** DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).

**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	189	<b>Map Index:</b> 50031	<b>EO Index:</b> 50031	<b>Element Last Seen:</b> 1975-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1975-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2003-01-29

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.69823 / -116.21878	<b>Accuracy:</b>	nonspecific area
<b>UTM:</b>	Zone-11 N3728971 E572398	<b>Elevation (ft):</b>	20
<b>PLSS:</b>	T05S, R07E, Sec. 35 (S)	<b>Acres:</b>	39.6

**Location:** 1 MILE SOUTH OF STATE ROUTE 111, SOUTH INDIO.

**Detailed Location:** BORDERED TO THE NORTH BY AVENUE 48 AND TO THE EAST BY JACKSON STREET. T5S R7E NE 1/4 OF NE 1/4 SECTION 35.

**Ecological:**

**General:** DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).

**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	190	<b>Map Index:</b> 50034	<b>EO Index:</b> 50034	<b>Element Last Seen:</b> 1975-07-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1975-07-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2003-02-21

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.68721 / -116.21862	<b>Accuracy:</b>	nonspecific area
<b>UTM:</b>	Zone-11 N3727749 E572423	<b>Elevation (ft):</b>	30
<b>PLSS:</b>	T05S, R07E, Sec. 35 (S)	<b>Acres:</b>	135.7

**Location:** 2 MILES SOUTH OF STATE ROUTE 111; SOUTH INDIO.

**Detailed Location:** BORDERED TO THE SOUTH BY AVENUE 50 AND TO THE EAST BY JACKSON STREET. ENGLAND AND NELSON, DAVIS: T5S R7E SE 1/4 OF SE 1/4 SECTION 35.

**Ecological:**

**General:** ENGLAND AND NELSON LOCALITY FOR JULY 1975. DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).

**Owner/Manager:** UNKNOWN



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<b>Occurrence No.</b>	191	<b>Map Index:</b> 50036	<b>EO Index:</b> 50036	<b>Element Last Seen:</b>	1975-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1975-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2003-01-29

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.70183 / -116.23168	<b>Accuracy:</b>	nonspecific area
<b>UTM:</b>	Zone-11 N3729361 E571200	<b>Elevation (ft):</b>	0
<b>PLSS:</b>	T05S, R07E, Sec. 26 (S)	<b>Acres:</b>	39.5

**Location:** 1 MILE SOUTH OF STATE ROUTE 111; SOUTH INDIO.

**Detailed Location:** BORDERED TO SOUTH BY AVENUE 48 AND TO WEST BY MONROE STREET. DAVIS RECORD FROM T5S R7E SW 1/4 OF SW 1/4 SECTION 26.

**Ecological:**

**General:** DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).

**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	196	<b>Map Index:</b> 50060	<b>EO Index:</b> 50060	<b>Element Last Seen:</b>	1975-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1975-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2003-01-31

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.74553 / -116.19694	<b>Accuracy:</b>	nonspecific area
<b>UTM:</b>	Zone-11 N3734231 E574382	<b>Elevation (ft):</b>	100
<b>PLSS:</b>	T05S, R08E, Sec. 07 (S)	<b>Acres:</b>	41.7

**Location:** NE OF THE INTERSECTION OF AVENUE 42 AND VAN BUREN STREET, NE INDIO.

**Detailed Location:** T5S R8E SW 1/4 OF SW 1/4 SECTION 7.

**Ecological:**

**General:** DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).

**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	197	<b>Map Index:</b> 50061	<b>EO Index:</b> 50061	<b>Element Last Seen:</b>	1975-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1975-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2003-01-31

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.74013 / -116.15129	<b>Accuracy:</b>	nonspecific area
<b>UTM:</b>	Zone-11 N3733666 E578615	<b>Elevation (ft):</b>	200
<b>PLSS:</b>	T05S, R08E, Sec. 16 (S)	<b>Acres:</b>	161.6

**Location:** APPROXIMATELY 1 MILE SE OF THE SOUTH TIP OF INDIO HILLS; NE OF INDIO.

**Detailed Location:** 0.5 TO 1 MILE EAST OF DILLON ROAD AND BORDERED TO NORTH BY FARGO ROAD. T5S R8E NE 1/4 OF SECTION 16.

**Ecological:**

**General:** DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).

**Owner/Manager:** UNKNOWN



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<b>Occurrence No.</b>	198	<b>Map Index:</b> 50062	<b>EO Index:</b> 50062	<b>Element Last Seen:</b>	1976-03-21
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1976-03-21
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2003-01-31

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.73168 / -116.16670	<b>Accuracy:</b>	nonspecific area
<b>UTM:</b>	Zone-11 N3732717 E577195	<b>Elevation (ft):</b>	60
<b>PLSS:</b>	T05S, R08E, Sec. 17 (S)	<b>Acres:</b>	202.1

**Location:** APPROXIMATELY 1 MILE SOUTH OF THE SOUTH TIP OF INDIO HILLS; NE OF INDIO.

**Detailed Location:** BORDERED TO THE EAST BY DILLON ROAD. ENGLAND AND NELSON: T5S R8E SE 1/4 OF SECTION 17. DAVIS RECORD: T5S R8E SW 1/4 OF SW 1/4 SECTION 16. MVZ RECORDS FROM WASH AT TURNOFF TO COUNTY DUMP.

**Ecological:**

**General:** ENGLAND AND NELSON LOCALITY FOR JULY 1975. DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984). MVZ #147724 & 147794 COLLECTED 21 MAR 1976 BY SAM SWEET.

**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	199	<b>Map Index:</b> 50063	<b>EO Index:</b> 50063	<b>Element Last Seen:</b>	1975-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1975-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2003-02-21

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.70881 / -116.14912	<b>Accuracy:</b>	2/5 mile
<b>UTM:</b>	Zone-11 N3730195 E578845	<b>Elevation (ft):</b>	0
<b>PLSS:</b>	T05S, R08E, Sec. 28 (S)	<b>Acres:</b>	0.0

**Location:** AREA AROUND THE INTERSECTION OF INTERSTATE 10 AND COACHELLA CANAL, ~3 MILES EAST OF INDIO.

**Detailed Location:** T5S R8E NE 1/4 OF SE 1/4 SECTION 28.

**Ecological:**

**General:** DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).

**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	200	<b>Map Index:</b> 50064	<b>EO Index:</b> 50064	<b>Element Last Seen:</b>	19XX-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	19XX-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2003-01-31

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.68739 / -116.17922	<b>Accuracy:</b>	nonspecific area
<b>UTM:</b>	Zone-11 N3727797 E576074	<b>Elevation (ft):</b>	70
<b>PLSS:</b>	T05S, R08E, Sec. 32 (S)	<b>Acres:</b>	39.5

**Location:** NE INTERSECT OF STATE ROUTE 111 AND AVENUE 50, NORTH COACHELLA.

**Detailed Location:** T5S R8E SW 1/4 OF SW 1/4 SECTION 32.

**Ecological:**

**General:** MUSEUM RECORD (MUSEUM NOT IDENTIFIED) FROM THE 1900'S. INCLUDES DATA FROM RECOVERY PLAN (1984).

**Owner/Manager:** UNKNOWN



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<b>Occurrence No.</b>	201	<b>Map Index:</b> 50065	<b>EO Index:</b> 50065	<b>Element Last Seen:</b> 1975-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1975-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2003-01-31

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.68347 / -116.23184	<b>Accuracy:</b>	nonspecific area
<b>UTM:</b>	Zone-11 N3727325 E571200	<b>Elevation (ft):</b>	-10
<b>PLSS:</b>	T06S, R07E, Sec. 02 (S)	<b>Acres:</b>	40.1

**Location:** AREA SE INTERSECT OF MONROE STREET AND AVENUE 50, ~2 MILES SOUTH OF INDIO.

**Detailed Location:** T6S R7E NW 1/4 OF NW 1/4 SECTION 2.

**Ecological:**

**General:** DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).

**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	203	<b>Map Index:</b> 50066	<b>EO Index:</b> 50066	<b>Element Last Seen:</b> 1975-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1975-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2003-01-31

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.66923 / -116.23176	<b>Accuracy:</b>	nonspecific area
<b>UTM:</b>	Zone-11 N3725746 E571220	<b>Elevation (ft):</b>	-20
<b>PLSS:</b>	T06S, R07E, Sec. 11 (S)	<b>Acres:</b>	39.9

**Location:** AREA SE OF INTERSECTION OF MONROE STREET AND AVENUE 52, ~3.2 MILES WEST OF COACHELLA.

**Detailed Location:** T6S R7E NW 1/4 OF NW 1/4 SECTION 11.

**Ecological:**

**General:** DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).

**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	204	<b>Map Index:</b> 50067	<b>EO Index:</b> 50067	<b>Element Last Seen:</b> 1975-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1975-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2003-01-31

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.66917 / -116.21873	<b>Accuracy:</b>	nonspecific area
<b>UTM:</b>	Zone-11 N3725749 E572428	<b>Elevation (ft):</b>	-30
<b>PLSS:</b>	T06S, R07E, Sec. 11 (S)	<b>Acres:</b>	39.5

**Location:** AREA SW INTERSECT OF JACKSON STREET AND AVENUE 52, ~2.6 MILES WEST OF COACHELLA.

**Detailed Location:** T6S R7E NE 1/4 OF NE 1/4 SECTION 11.

**Ecological:**

**General:** DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).

**Owner/Manager:** UNKNOWN



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<b>Occurrence No.</b>	205	<b>Map Index:</b> 50072	<b>EO Index:</b> 50072	<b>Element Last Seen:</b> 1975-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1975-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2003-01-31

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.65475 / -116.23166	<b>Accuracy:</b>	nonspecific area
<b>UTM:</b>	Zone-11 N3724141 E571241	<b>Elevation (ft):</b>	-30
<b>PLSS:</b>	T06S, R07E, Sec. 14 (S)	<b>Acres:</b>	39.6

**Location:** AREA SE OF INTERSECTION OF MONROE STREET AND AVENUE 54, ~3.6 MILES SW OF COACHELLA.

**Detailed Location:** T6S R7E NW 1/4 OF NW 1/4 SECTION 14.

**Ecological:**

**General:** DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).

**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	206	<b>Map Index:</b> 50074	<b>EO Index:</b> 50074	<b>Element Last Seen:</b> 1975-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1975-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2003-01-31

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.65474 / -116.21422	<b>Accuracy:</b>	nonspecific area
<b>UTM:</b>	Zone-11 N3724152 E572858	<b>Elevation (ft):</b>	-50
<b>PLSS:</b>	T06S, R07E, Sec. 13 (S)	<b>Acres:</b>	39.8

**Location:** AREA SE OF INTERSECTION OF JACKSON STREET AND AVENUE 54, ~2.8 MILES SW OF COACHELLA.

**Detailed Location:** T6S R7E NW 1/4 OF NW 1/4 SECTION 13.

**Ecological:**

**General:** DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).

**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	207	<b>Map Index:</b> 50079	<b>EO Index:</b> 50079	<b>Element Last Seen:</b> 1975-07-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1975-07-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2003-02-21

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.64298 / -116.22797	<b>Accuracy:</b>	nonspecific area
<b>UTM:</b>	Zone-11 N3722838 E571593	<b>Elevation (ft):</b>	-50
<b>PLSS:</b>	T06S, R07E, Sec. 14 (S)	<b>Acres:</b>	162.4

**Location:** AREA BETWEEN MONROE STREET & JACKSON STREET, NORTH & SOUTH OF AVENUE 56; ~4 MILES SW OF COACHELLA.

**Detailed Location:** ENGLAND AND NELSON: T6S R7E SE 1/4 OF SW 1/4 SECTION 14. DAVIS: T6S R7E NW 1/4 OF NW 1/4 SECTION 23.

**Ecological:**

**General:** ENGLAND AND NELSON LOCALITY FROM JULY 1975. DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).

**Owner/Manager:** UNKNOWN



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<b>Occurrence No.</b>	208	<b>Map Index:</b> 50081	<b>EO Index:</b> 50081	<b>Element Last Seen:</b>	1975-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1975-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2003-01-31
<b>Quad Summary:</b>	Valerie (3311652), Indio (3311662)				
<b>County Summary:</b>	Riverside				
<b>Lat/Long:</b>	33.62567 / -116.23116		<b>Accuracy:</b>	nonspecific area	
<b>UTM:</b>	Zone-11 N3720917 E571311		<b>Elevation (ft):</b>	-70	
<b>PLSS:</b>	T06S, R07E, Sec. 26 (S)		<b>Acres:</b>	40.4	
<b>Location:</b>	AREA SE OF THE INTERSECTION OF MONROE STREET AND AVENUE 58, ~4.8 MILES SW OF COACHELLA.				
<b>Detailed Location:</b>	T6S R7E NW 1/4 OF NW 1/4 SECTION 26.				
<b>Ecological:</b>					
<b>General:</b>	DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).				
<b>Owner/Manager:</b>	UNKNOWN				
<b>Occurrence No.</b>	209	<b>Map Index:</b> 50082	<b>EO Index:</b> 50082	<b>Element Last Seen:</b>	1975-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1975-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2003-01-31
<b>Quad Summary:</b>	Valerie (3311652), Indio (3311662)				
<b>County Summary:</b>	Riverside				
<b>Lat/Long:</b>	33.62567 / -116.21842		<b>Accuracy:</b>	nonspecific area	
<b>UTM:</b>	Zone-11 N3720926 E572493		<b>Elevation (ft):</b>	-60	
<b>PLSS:</b>	T06S, R07E, Sec. 26 (S)		<b>Acres:</b>	39.8	
<b>Location:</b>	AREA SW OF THE INTERSECTION OF JACKSON STREET AND AVENUE 58, ~4.3 MILES SW OF COACHELLA.				
<b>Detailed Location:</b>	T6S R7E NE 1/4 OF NE 1/4 SECTION 26.				
<b>Ecological:</b>					
<b>General:</b>	DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).				
<b>Owner/Manager:</b>	UNKNOWN				
<b>Occurrence No.</b>	215	<b>Map Index:</b> 50095	<b>EO Index:</b> 50095	<b>Element Last Seen:</b>	1975-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1975-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2003-02-04
<b>Quad Summary:</b>	Indio (3311662)				
<b>County Summary:</b>	Riverside				
<b>Lat/Long:</b>	33.64386 / -116.18358		<b>Accuracy:</b>	nonspecific area	
<b>UTM:</b>	Zone-11 N3722967 E575708		<b>Elevation (ft):</b>	-90	
<b>PLSS:</b>	T06S, R08E, Sec. 18 (S)		<b>Acres:</b>	40.4	
<b>Location:</b>	AREA NW OF THE INTERSECTION OF AVENUE 56 & STATE ROUTE 86 (HARRISON ST), 2.5 MILES SOUTH OF COACHELLA.				
<b>Detailed Location:</b>	T6S R8E SE 1/4 OF SE 1/4 SECTION 18.				
<b>Ecological:</b>					
<b>General:</b>	DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).				
<b>Owner/Manager:</b>	BIA-AUGUSTINE RES				



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<b>Occurrence No.</b>	216	<b>Map Index:</b> 50096	<b>EO Index:</b> 50096	<b>Element Last Seen:</b> 1975-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1975-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2003-02-04

**Quad Summary:** Valerie (3311652), Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.62564 / -116.18354	<b>Accuracy:</b>	nonspecific area
<b>UTM:</b>	Zone-11 N3720947 E575728	<b>Elevation (ft):</b>	-110
<b>PLSS:</b>	T06S, R08E, Sec. 30 (S)	<b>Acres:</b>	39.1

**Location:** AREA SW OF THE INTERSECTION OF AVENUE 58 AND STATE ROUTE 86 (HARRISON ST), 3.6 MILES SOUTH OF COACHELLA.

**Detailed Location:** T6S R8E NE 1/4 OF NE 1/4 SECTION 30.

**Ecological:**

**General:** DAVIS RECORD FOR TIME PERIOD 1969-1975.

**Owner/Manager:** UNKNOWN

***Macrobaenetes valgum***

**Element Code:** IIORT22020

Coachella giant sand treader cricket

**Listing Status:** **Federal:** None **CNDDB Element Ranks:** **Global:** G1G2

**State:** None **State:** S1S2

**Other:** IUCN\_VU-Vulnerable

**Habitat:** **General:** KNOWN FROM THE SAND DUNE RIDGES IN THE VICINITY OF COACHELLA VALLEY.

**Micro:** POPULATION SIZE REGULATED BY AMOUNT OF ANNUAL RAINFALL; SOME SPOTS FAVOR PERMANENT HABITATION WHERE SPRINGS DAMPEN SAND.

<b>Occurrence No.</b>	2	<b>Map Index:</b> 05795	<b>EO Index:</b> 22602	<b>Element Last Seen:</b> XXXX-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> XXXX-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 1989-08-11

**Quad Summary:** Indio (3311662), La Quinta (3311663)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.72224 / -116.26528	<b>Accuracy:</b>	1 mile
<b>UTM:</b>	Zone-11 N3731601 E568070	<b>Elevation (ft):</b>	40
<b>PLSS:</b>	T05S, R07E, Sec. 21 (S)	<b>Acres:</b>	0.0

**Location:** 2 MILES WEST OF INDIO.

**Detailed Location:**

**Ecological:** FOUND ON WIND-SWEPT SAND DUNE RIDGES. ALTHOUGH LARGELY REGULATED IN ABUNDANCE BY WINTER RAINS, THERE ARE SOME SPOTS, WHERE SPRINGS KEEP THE SAND DAMP, THAT ARE FAVORABLE TO PERMANENT HABITATION.

**General:** IN VERY DRY YEARS, THE SPECIES DISAPPEARS OVER MOST OF THE SAND AREAS.

**Owner/Manager:** PVT





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<b><i>Ditaxis claryana</i></b>		<b>Element Code:</b> PDEUP080L0	
glandular ditaxis			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G3G4
	<b>State:</b> None		<b>State:</b> S2
	<b>Other:</b> Rare Plant Rank - 2B.2		
<b>Habitat:</b>	<b>General:</b> MOJAVEAN DESERT SCRUB, SONORAN DESERT SCRUB.		
	<b>Micro:</b> IN DRY WASHES AND ON ROCKY HILLSIDES. SANDY SOILS. 0-465 M.		

<b>Occurrence No.</b>	3	<b>Map Index:</b>	05843	<b>EO Index:</b>	5163	<b>Element Last Seen:</b>	1906-04-27
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		1906-04-27	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2010-02-24	

**Quad Summary:** Indio (3311662)  
**County Summary:** Riverside

<b>Lat/Long:</b>	33.71890 / -116.22140	<b>Accuracy:</b>	1 mile
<b>UTM:</b>	Zone-11 N3731260 E572139	<b>Elevation (ft):</b>	
<b>PLSS:</b>	T05S, R07E, Sec. 23 (S)	<b>Acres:</b>	0.0

**Location:** INDIO.  
**Detailed Location:** EXACT LOCATION UNKNOWN. MAPPED BY CNDDB AS BEST GUESS AT INDIO.  
**Ecological:**  
**General:** ONLY SOURCE OF INFORMATION FOR THIS SITE ARE TWO 1906 COLLECTIONS BY JONES. NEEDS FIELWORK.  
**Owner/Manager:** UNKNOWN

<b><i>Astragalus preussii var. laxiflorus</i></b>		<b>Element Code:</b> PDFAB0F721	
Lancaster milk-vetch			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G4T2
	<b>State:</b> None		<b>State:</b> S1
	<b>Other:</b> Rare Plant Rank - 1B.1		
<b>Habitat:</b>	<b>General:</b> CHENOPOD SCRUB.		
	<b>Micro:</b> ALKALINE CLAY FLATS OR GRAVELLY OR SANDY WASHES AND ALONG DRAWS IN GULLIED BADLANDS. 725 M IN CALIFORNIA.		

<b>Occurrence No.</b>	5	<b>Map Index:</b>	84032	<b>EO Index:</b>	85068	<b>Element Last Seen:</b>	1928-04-04
<b>Occ. Rank:</b>	None	<b>Presence:</b>	Possibly Extirpated	<b>Site Last Seen:</b>		1928-04-04	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2011-10-19	

**Quad Summary:** Martinez Mtn. (3311653), Indio (3311662), La Quinta (3311663)  
**County Summary:** Riverside

<b>Lat/Long:</b>	33.63614 / -116.26100	<b>Accuracy:</b>	4/5 mile
<b>UTM:</b>	Zone-11 N3722059 E568534	<b>Elevation (ft):</b>	
<b>PLSS:</b>	T06S, R07E, Sec. 21 (S)	<b>Acres:</b>	0.0

**Location:** CORAL REEF RANCH, COACHELLA VALLEY.  
**Detailed Location:** EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS BY CNDDB BASED ON HISTORIC DESCRIPTION FOR "CORAL REEF" NEAR RAU RANCH LOCATED AT THE NORTHWEST CORNER OF AVE 58 AND MADISON ST.  
**Ecological:**  
**General:** ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1928 COLLECTION BY ACKLEY. NEEDS FIELDWORK.  
**Owner/Manager:** UNKNOWN





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<b><i>Astragalus sabulorum</i></b>		<b>Element Code:</b> PDFAB0F7R0	
gravel milk-vetch			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G5
	<b>State:</b> None		<b>State:</b> S2
	<b>Other:</b> Rare Plant Rank - 2B.2		
<b>Habitat:</b>	<b>General:</b> DESERT DUNES, MOJAVEAN DESERT SCRUB, SONORAN DESERT SCRUB.		
	<b>Micro:</b> SANDY OR GRAVELLY FLATS, WASHES, AND ROADSIDES. -60-930 M.		

<b>Occurrence No.</b>	12	<b>Map Index:</b>	05843	<b>EO Index:</b>	85327	<b>Element Last Seen:</b>	1906-04-30
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		1906-04-30	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2011-11-17	
<b>Quad Summary:</b>	Indio (3311662)						
<b>County Summary:</b>	Riverside						
<b>Lat/Long:</b>	33.71890 / -116.22140		<b>Accuracy:</b>	1 mile			
<b>UTM:</b>	Zone-11 N3731260 E572139		<b>Elevation (ft):</b>				
<b>PLSS:</b>	T05S, R07E, Sec. 23 (S)		<b>Acres:</b>	0.0			
<b>Location:</b>	INDIO.						
<b>Detailed Location:</b>	EXACT LOCATION UNKNOWN. MAPPED BY CNDDDB CENTERED ON THE CITY OF INDIO.						
<b>Ecological:</b>							
<b>General:</b>	ONLY SOURCES OF INFORMATION FOR THIS OCCURRENCE ARE AN 1891 ORCUTT COLLECTION AND A 1906 JONES COLLECTION, BOTH WITH LOCALITIES GIVEN ONLY AS "INDIO." NEEDS FIELDWORK.						
<b>Owner/Manager:</b>	UNKNOWN						

<b><i>Astragalus lentiginosus var. coachellae</i></b>		<b>Element Code:</b> PDFAB0FB97	
Coachella Valley milk-vetch			
<b>Listing Status:</b>	<b>Federal:</b> Endangered	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G5T1
	<b>State:</b> None		<b>State:</b> S1
	<b>Other:</b> Rare Plant Rank - 1B.2, SB_RSABG-Rancho Santa Ana Botanic Garden, SB_USDA-US Dept of Agriculture		
<b>Habitat:</b>	<b>General:</b> SONORAN DESERT SCRUB, DESERT DUNES.		
	<b>Micro:</b> SANDY FLATS, WASHES, OUTWASH FANS, SOMETIMES ON DUNES. 40-655 M.		

<b>Occurrence No.</b>	36	<b>Map Index:</b>	05843	<b>EO Index:</b>	71934	<b>Element Last Seen:</b>	1929-03-16
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		1929-03-16	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2008-03-17	
<b>Quad Summary:</b>	Indio (3311662)						
<b>County Summary:</b>	Riverside						
<b>Lat/Long:</b>	33.71890 / -116.22140		<b>Accuracy:</b>	1 mile			
<b>UTM:</b>	Zone-11 N3731260 E572139		<b>Elevation (ft):</b>				
<b>PLSS:</b>	T05S, R07E, Sec. 23 (S)		<b>Acres:</b>	0.0			
<b>Location:</b>	NEAR INDIO, COLORADO DESERT.						
<b>Detailed Location:</b>	EXACT LOCATION UNKNOWN. MAPPED BY CNDDDB AS BEST GUESS IN VICINITY OF THE TOWN OF INDIO.						
<b>Ecological:</b>	SANDY DESERT.						
<b>General:</b>	OCCURRENCE BASED ON A 1926 MINTHORN COLLECTION. A 1929 CLARK COLLECTION FROM "N. INDIO" ALSO ATTRIBUTED TO THIS SITE. NEEDS FIELDWORK.						
<b>Owner/Manager:</b>	UNKNOWN						



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<b><i>Abronia villosa var. aurita</i></b>		<b>Element Code:</b> PDNYC010P1	
chaparral sand-verbena			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G5T2T3
	<b>State:</b> None		<b>State:</b> S2
	<b>Other:</b> Rare Plant Rank - 1B.1, BLM_S-Sensitive, USFS_S-Sensitive		
<b>Habitat:</b>	<b>General:</b> CHAPARRAL, COASTAL SCRUB, DESERT DUNES.		
	<b>Micro:</b> SANDY AREAS. 75-1600 M.		

<b>Occurrence No.</b>	58	<b>Map Index:</b>	05843	<b>EO Index:</b>	73388	<b>Element Last Seen:</b>	1949-04-09
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		1949-04-09	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2008-10-06	
<b>Quad Summary:</b>	Indio (3311662)						
<b>County Summary:</b>	Riverside						
<b>Lat/Long:</b>	33.71890 / -116.22140		<b>Accuracy:</b>	1 mile			
<b>UTM:</b>	Zone-11 N3731260 E572139		<b>Elevation (ft):</b>	25			
<b>PLSS:</b>	T05S, R07E, Sec. 23 (S)		<b>Acres:</b>	0.0			
<b>Location:</b>	INDIO.						
<b>Detailed Location:</b>	EXACT LOCATION UNKNOWN. MAPPED BY CNDDB AS A BEST GUESS CENTERED ON THE CITY OF INDIO.						
<b>Ecological:</b>	ROCKY, SANDY TYPE SOIL. SIDE OF DRY RIVER BED.						
<b>General:</b>	ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1949 COLLECTION BY LAGE, ET AL. COLLECTION MAY HAVE ORIGINATED FROM ALONG THE ADJACENT WHITEWATER RIVER CHANNEL. NEEDS FIELDWORK.						
<b>Owner/Manager:</b>	UNKNOWN						



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Query Criteria: Quad> IS <(Indio (3311662))

<b><i>Buteo regalis</i></b>		<b>Element Code:</b> ABNKC19120	
ferruginous hawk			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G4
	<b>State:</b> None		<b>State:</b> S3S4
	<b>Other:</b> CDFW_WL-Watch List, IUCN_LC-Least Concern, USFWS_BCC-Birds of Conservation Concern		
<b>Habitat:</b>	<b>General:</b> OPEN GRASSLANDS, SAGEBRUSH FLATS, DESERT SCRUB, LOW FOOTHILLS AND FRINGES OF PINYON AND JUNIPER HABITATS.		
	<b>Micro:</b> EATS MOSTLY LAGOMORPHS, GROUND SQUIRRELS, AND MICE. POPULATION TRENDS MAY FOLLOW LAGOMORPH POPULATION CYCLES.		

<b>Occurrence No.</b>	105	<b>Map Index:</b>	99078	<b>EO Index:</b>	100610	<b>Element Last Seen:</b>	2016-01-19
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		2016-01-19	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2016-02-03	
<b>Quad Summary:</b>	Indio (3311662)						
<b>County Summary:</b>	Riverside						
<b>Lat/Long:</b>	33.72941 / -116.16646		<b>Accuracy:</b>	80 meters			
<b>UTM:</b>	Zone-11 N3732466 E577219		<b>Elevation (ft):</b>	40			
<b>PLSS:</b>	T05S, R08E, Sec. 20, NW (S)		<b>Acres:</b>	0.0			
<b>Location:</b>	ABOUT 0.2 MI NW OF THE COACHELLA CANAL AT THE DILLON RD CROSSING & 0.4 MI SW OF LANDFILL RD AT DILLON RD, NW OF INDIO.						
<b>Detailed Location:</b>	MAPPED TO PROVIDED LOCATION.						
<b>Ecological:</b>	DISTURBED COLORADO DESERT, GRADED FOR DEVELOPMENT IN THE PAST.						
<b>General:</b>	1 ADULT PERCHED ON A POWER POLE OBSERVED 19 JAN 2016. SURVEYOR REPORTED SEEING FERRUGINOUS HAWKS IN THIS AREA IN PAST YEARS. FURTHER SURVEY NEEDED TO CONFIRM OVERWINTERING USE.						
<b>Owner/Manager:</b>	UNKNOWN						

<b><i>Athene cunicularia</i></b>		<b>Element Code:</b> ABNSB10010	
burrowing owl			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G4
	<b>State:</b> None		<b>State:</b> S3
	<b>Other:</b> BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFWS_BCC-Birds of Conservation Concern		
<b>Habitat:</b>	<b>General:</b> OPEN, DRY ANNUAL OR PERENNIAL GRASSLANDS, DESERTS & SCRUBLANDS CHARACTERIZED BY LOW-GROWING VEGETATION.		
	<b>Micro:</b> SUBTERRANEAN NESTER, DEPENDENT UPON BURROWING MAMMALS, MOST NOTABLY, THE CALIFORNIA GROUND SQUIRREL.		



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<b>Occurrence No.</b>	575	<b>Map Index:</b>	05913	<b>EO Index:</b>	51267	<b>Element Last Seen:</b>	1929-04-21
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		1929-04-21	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2003-05-13	

**Quad Summary:** Thermal Canyon (3311661), Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.64055 / -116.14250	<b>Accuracy:</b>	1 mile
<b>UTM:</b>	Zone-11 N3722631 E579521	<b>Elevation (ft):</b>	-120
<b>PLSS:</b>	T06S, R08E, Sec. 22 (S)	<b>Acres:</b>	0.0

**Location:** THERMAL.

**Detailed Location:**

**Ecological:**

**General:** SBCM EGG SET #3402 COLLECTED 21 APR 1929.

**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	577	<b>Map Index:</b>	05843	<b>EO Index:</b>	51269	<b>Element Last Seen:</b>	1927-03-20
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		1927-03-20	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2003-05-13	

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.71890 / -116.22140	<b>Accuracy:</b>	1 mile
<b>UTM:</b>	Zone-11 N3731260 E572139	<b>Elevation (ft):</b>	-10
<b>PLSS:</b>	T05S, R07E, Sec. 23 (S)	<b>Acres:</b>	0.0

**Location:** INDIO.

**Detailed Location:**

**Ecological:**

**General:** SBCM EGG SET #2579 COLLECTED 20 MAR 1927.

**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	656	<b>Map Index:</b>	53933	<b>EO Index:</b>	53933	<b>Element Last Seen:</b>	2003-06-30
<b>Occ. Rank:</b>	None	<b>Presence:</b>	Extirpated	<b>Site Last Seen:</b>		2003-12-XX	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Decreasing	<b>Record Last Updated:</b>		2004-01-14	

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.69886 / -116.20952	<b>Accuracy:</b>	80 meters
<b>UTM:</b>	Zone-11 N3729048 E573256	<b>Elevation (ft):</b>	-30
<b>PLSS:</b>	T05S, R07E, Sec. 36, NW (S)	<b>Acres:</b>	0.0

**Location:** SW OF THE INTERSECTION OF AVENUE 48 AND CALHOUN STREET, INDIO.

**Detailed Location:**

**Ecological:** "BURROW" CONSISTS OF AN AGRICULTURAL STAND PIPE IN AN AREA OF FALLOW AGRICULTURE, WHICH WAS DEVELOPED BY DEC 2003.

**General:** 1 INDIVIDUAL OBSERVED ON 30 JUN 2003 AT THE STAND PIPE ENTRANCE; BY DEC 2003 NO OWLS COULD BE FOUND, AND THE SITE WAS DEVELOPED.

**Owner/Manager:** UNKNOWN



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<b>Occurrence No.</b>	1127	<b>Map Index:</b> 71504	<b>EO Index:</b> 72398	<b>Element Last Seen:</b>	2007-07-05
<b>Occ. Rank:</b>	Good		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2007-07-05
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2008-08-20

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**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

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**Lat/Long:** 33.69197 / -116.16978 **Accuracy:** 80 meters

**UTM:** Zone-11 N3728313 E576945 **Elevation (ft):** 730

**PLSS:** T05S, R08E, Sec. 32 (S) **Acres:** 0.0

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**Location:** 0.52 MI NW OF THE JUNCTION OF TYLER ST & 50TH AVE, 0.73 MI NE OF COACHELLA.

**Detailed Location:**

**Ecological:** HABITAT CONSISTS OF SAND DUNE AND DESERT SCRUB COMMUNITIES.

**General:** 2 ADULTS OBSERVED AT BURROW ON 5 JUL 2007.

**Owner/Manager:** UNKNOWN

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<b>Occurrence No.</b>	1603	<b>Map Index:</b> 81016	<b>EO Index:</b> 82003	<b>Element Last Seen:</b>	2007-05-15
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2007-05-15
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2010-12-07

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**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

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**Lat/Long:** 33.71129 / -116.14241 **Accuracy:** 80 meters

**UTM:** Zone-11 N3730475 E579463 **Elevation (ft):** 130

**PLSS:** T05S, R08E, Sec. 27, NW (S) **Acres:** 0.0

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**Location:** 0.8 MI NNE POLK ST AT AVENUE 48, & 7.75 MI ESE OF DILLON RD AT I-10, 3 MI NE COACHELLA PO.

**Detailed Location:** BLOCK CODE 3730-575 - LOCATION CODE A. MAPPED TO PROVIDED COORDINATES.

**Ecological:** LOWLAND ELEVATION SUBREGION.

**General:** 1 ADULT OBSERVED AND 1 BREEDING PAIR ESTIMATED TO OCCUR IN AREA ON 15 MAY 2007.

**Owner/Manager:** UNKNOWN

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<b><i>Pyrocephalus rubinus</i></b>		<b>Element Code:</b> ABPAE36010	
vermilion flycatcher			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G5
	<b>State:</b> None		<b>State:</b> S2S3
	<b>Other:</b> CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern		
<b>Habitat:</b>	<b>General:</b> DURING NESTING, INHABITS DESERT RIPARIAN ADJACENT TO IRRIGATED FIELDS, IRRIGATION DITCHES, PASTURES, & OTHER OPEN, MESIC AREAS		
	<b>Micro:</b> NEST IN COTTONWOOD, WILLOW, MESQUITE, AND OTHER LARGE DESERT RIPARIAN TREES.		

<b>Occurrence No.</b>	20	<b>Map Index:</b>	05913	<b>EO Index:</b>	4744	<b>Element Last Seen:</b>	1948-04-11
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		1948-04-11	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		1989-08-10	

**Quad Summary:** Thermal Canyon (3311661), Indio (3311662)  
**County Summary:** Riverside

<b>Lat/Long:</b>	33.64055 / -116.14250	<b>Accuracy:</b>	1 mile
<b>UTM:</b>	Zone-11 N3722631 E579521	<b>Elevation (ft):</b>	120
<b>PLSS:</b>	T06S, R08E, Sec. 22, NW (S)	<b>Acres:</b>	0.0

**Location:** THERMAL, ABOUT 7 MI SE OF INDIO.  
**Detailed Location:**  
**Ecological:**  
**General:** SPECIMEN (UCLA #11966) COLLECTED IN 1918. MUSEUM EGG SET (SBMNH #8832) COLLECTED IN 1948.  
**Owner/Manager:** UNKNOWN



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<b><i>Polioptila melanura</i></b>		<b>Element Code:</b> ABPBJ08030	
black-tailed gnatcatcher			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G5
	<b>State:</b> None		<b>State:</b> S3S4
	<b>Other:</b> CDFW_WL-Watch List, IUCN_LC-Least Concern		
<b>Habitat:</b>	<b>General:</b> PRIMARILY INHABITS WOODED DESERT WASH HABITATS; ALSO OCCURS IN DESERT SCRUB HABITAT, ESPECIALLY IN WINTER.		
	<b>Micro:</b> NESTS IN DESERT WASHES CONTAINING MESQUITE, PALOVERDE, IRONWOOD, ACACIA; ABSENT FROM AREAS WHERE SALT CEDAR INTRODUCED.		

<b>Occurrence No.</b>	16	<b>Map Index:</b>	05913	<b>EO Index:</b>	4731	<b>Element Last Seen:</b>	1940-03-15
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		1940-03-15	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		1989-08-10	
<b>Quad Summary:</b>	Thermal Canyon (3311661), Indio (3311662)						
<b>County Summary:</b>	Riverside						
<b>Lat/Long:</b>	33.64055 / -116.14250		<b>Accuracy:</b>	1 mile			
<b>UTM:</b>	Zone-11 N3722631 E579521		<b>Elevation (ft):</b>	-120			
<b>PLSS:</b>	T06S, R08E, Sec. 22, NW (S)		<b>Acres:</b>	0.0			
<b>Location:</b>	THERMAL.						
<b>Detailed Location:</b>							
<b>Ecological:</b>							
<b>General:</b>	SBCM EGG SET #6578; OTHER EGG SETS COLLECTED IN 1922, 1934, 1938, 1939, AND 1940.						
<b>Owner/Manager:</b>	UNKNOWN						

<b>Occurrence No.</b>	17	<b>Map Index:</b>	05882	<b>EO Index:</b>	25012	<b>Element Last Seen:</b>	1934-02-26
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		1934-02-26	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		1989-08-10	
<b>Quad Summary:</b>	Indio (3311662)						
<b>County Summary:</b>	Riverside						
<b>Lat/Long:</b>	33.68335 / -116.17862		<b>Accuracy:</b>	1 mile			
<b>UTM:</b>	Zone-11 N3727350 E576134		<b>Elevation (ft):</b>				
<b>PLSS:</b>	T06S, R08E, Sec. 05 (S)		<b>Acres:</b>	0.0			
<b>Location:</b>	COACHELLA.						
<b>Detailed Location:</b>							
<b>Ecological:</b>							
<b>General:</b>	LACM SPECIMEN #18414 AND SBCM EGG #6121 (1928-03-27).						
<b>Owner/Manager:</b>	UNKNOWN						

<b><i>Toxostoma crissale</i></b>		<b>Element Code:</b> ABPBK06090	
Crissal thrasher			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G5
	<b>State:</b> None		<b>State:</b> S3
	<b>Other:</b> CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern		
<b>Habitat:</b>	<b>General:</b> RESIDENT OF SOUTHEASTERN DESERTS IN DESERT RIPARIAN AND DESERT WASH HABITATS.		
	<b>Micro:</b> NESTS IN DENSE VEGETATION ALONG STREAMS/WASHES; MESQUITE, SCREWBEAN MESQUITE, IRONWOOD, CATCLAW, ACACIA, ARROWWEED, WILLOW.		



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<b>Occurrence No.</b>	2	<b>Map Index:</b> 05882	<b>EO Index:</b> 24425	<b>Element Last Seen:</b>	1941-03-30
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1941-03-30
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	1989-08-10
<b>Quad Summary:</b>	Indio (3311662)				
<b>County Summary:</b>	Riverside				
<b>Lat/Long:</b>	33.68335 / -116.17862		<b>Accuracy:</b>	1 mile	
<b>UTM:</b>	Zone-11 N3727350 E576134		<b>Elevation (ft):</b>	-71	
<b>PLSS:</b>	T06S, R08E, Sec. 05, NW (S)		<b>Acres:</b>	0.0	
<b>Location:</b>	COACHELLA.				
<b>Detailed Location:</b>					
<b>Ecological:</b>					
<b>General:</b>	EGG SET #6837 SBCM.				
<b>Owner/Manager:</b>	UNKNOWN				
<b>Occurrence No.</b>	3	<b>Map Index:</b> 05843	<b>EO Index:</b> 24419	<b>Element Last Seen:</b>	1924-94-19
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1924-94-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	1989-08-10
<b>Quad Summary:</b>	Indio (3311662)				
<b>County Summary:</b>	Riverside				
<b>Lat/Long:</b>	33.71890 / -116.22140		<b>Accuracy:</b>	1 mile	
<b>UTM:</b>	Zone-11 N3731260 E572139		<b>Elevation (ft):</b>	-14	
<b>PLSS:</b>	T05S, R07E, Sec. 23, SE (S)		<b>Acres:</b>	0.0	
<b>Location:</b>	INDIO.				
<b>Detailed Location:</b>					
<b>Ecological:</b>					
<b>General:</b>	#26590 CAS.				
<b>Owner/Manager:</b>	UNKNOWN				
<b>Occurrence No.</b>	4	<b>Map Index:</b> 05913	<b>EO Index:</b> 4745	<b>Element Last Seen:</b>	1922-04-07
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1922-04-07
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	1991-04-11
<b>Quad Summary:</b>	Thermal Canyon (3311661), Indio (3311662)				
<b>County Summary:</b>	Riverside				
<b>Lat/Long:</b>	33.64055 / -116.14250		<b>Accuracy:</b>	1 mile	
<b>UTM:</b>	Zone-11 N3722631 E579521		<b>Elevation (ft):</b>	-120	
<b>PLSS:</b>	T06S, R08E, Sec. 22, NW (S)		<b>Acres:</b>	0.0	
<b>Location:</b>	THERMAL.				
<b>Detailed Location:</b>					
<b>Ecological:</b>					
<b>General:</b>	#4727 LACM, #B256 UCLA. ALSO SEEN HERE 1-27-1916.				
<b>Owner/Manager:</b>	UNKNOWN				





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**Toxostoma lecontei**

Element Code: ABPBK06100

Le Conte's thrasher

**Listing Status:** **Federal:** None **CNDDDB Element Ranks:** **Global:** G4  
**State:** None **State:** S3  
**Other:** CDFW\_SSC-Species of Special Concern, IUCN\_LC-Least Concern, NABCI\_RWL-Red Watch List, USFWS\_BCC-Birds of Conservation Concern  
**Habitat:** **General:** DESERT RESIDENT; PRIMARILY OF OPEN DESERT WASH, DESERT SCRUB, ALKALI DESERT SCRUB, AND DESERT SUCCULENT SCRUB HABITATS.  
**Micro:** COMMONLY NESTS IN A DENSE, SPINY SHRUB OR DENSELY BRANCHED CACTUS IN DESERT WASH HABITAT, USUALLY 2-8 FEET ABOVE GROUND.

**Occurrence No.** 26 **Map Index:** 05843 **EO Index:** 24537 **Element Last Seen:** 1924-04-19  
**Occ. Rank:** Unknown **Presence:** Presumed Extant **Site Last Seen:** 1924-04-19  
**Occ. Type:** Natural/Native occurrence **Trend:** Unknown **Record Last Updated:** 1989-08-10

**Quad Summary:** Indio (3311662)**County Summary:** Riverside

**Lat/Long:** 33.71890 / -116.22140 **Accuracy:** 1 mile  
**UTM:** Zone-11 N3731260 E572139 **Elevation (ft):** -10  
**PLSS:** T05S, R07E, Sec. 23, SE (S) **Acres:** 0.0

**Location:** INDIO.**Detailed Location:****Ecological:****General:** CAS SPECIMEN #26589.**Owner/Manager:** UNKNOWN**Lasiurus xanthinus**

Element Code: AMACC05070

western yellow bat

**Listing Status:** **Federal:** None **CNDDDB Element Ranks:** **Global:** G5  
**State:** None **State:** S3  
**Other:** CDFW\_SSC-Species of Special Concern, IUCN\_LC-Least Concern, WBWG\_H-High Priority  
**Habitat:** **General:** FOUND IN VALLEY FOOTHILL RIPARIAN, DESERT RIPARIAN, DESERT WASH, AND PALM OASIS HABITATS.  
**Micro:** ROOSTS IN TREES, PARTICULARLY PALMS. FORAGES OVER WATER AND AMONG TREES.

**Occurrence No.** 14 **Map Index:** 05882 **EO Index:** 58911 **Element Last Seen:** 1981-06-18  
**Occ. Rank:** Unknown **Presence:** Presumed Extant **Site Last Seen:** 1981-06-18  
**Occ. Type:** Natural/Native occurrence **Trend:** Unknown **Record Last Updated:** 2004-12-21

**Quad Summary:** Indio (3311662)**County Summary:** Riverside

**Lat/Long:** 33.68335 / -116.17862 **Accuracy:** 1 mile  
**UTM:** Zone-11 N3727350 E576134 **Elevation (ft):** 70  
**PLSS:** T06S, R08E, Sec. 05 (S) **Acres:** 0.0

**Location:** COACHELLA.**Detailed Location:** EXACT LOCATION UNKNOWN. MAPPED IN THE VICINITY OF COACHELLA.**Ecological:****General:** ONE FEMALE SPECIMEN COLLECTED 18 JUN 1981 BY D. CONSTANTINE AT "COACHELLA." DEPOSITED AT MVZ #181880.**Owner/Manager:** UNKNOWN



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<b>Occurrence No.</b>	20	<b>Map Index:</b> 05843	<b>EO Index:</b> 58921	<b>Element Last Seen:</b>	1985-09-17
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1985-09-17
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2004-12-21

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.71890 / -116.22140	<b>Accuracy:</b>	1 mile
<b>UTM:</b>	Zone-11 N3731260 E572139	<b>Elevation (ft):</b>	-10
<b>PLSS:</b>	T05S, R07E, Sec. 23 (S)	<b>Acres:</b>	0.0

**Location:** INDIO.

**Detailed Location:** EXACT LOCATION NOT KNOWN. MAPPED IN THE VICINITY OF INDIO AND THE LAT-LONG COORDINATES GIVEN. LOCATION UNCERTAINTY GIVEN AS 1066.8 M (0.66 MI).

**Ecological:**

**General:** 2 MALE & 1 FEMALE SPECIMENS COLLECTED 4 OCT 1977, 24 JUN 1982 & 17 SEP 1985 BY D. CONSTANTINE AT "INDIO." DEPOSITED AT MVZ #181898, 181899 & 181900.

**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	32	<b>Map Index:</b> 05913	<b>EO Index:</b> 58940	<b>Element Last Seen:</b>	1976-06-27
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1976-06-27
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2004-12-21

**Quad Summary:** Thermal Canyon (3311661), Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.64055 / -116.14250	<b>Accuracy:</b>	1 mile
<b>UTM:</b>	Zone-11 N3722631 E579521	<b>Elevation (ft):</b>	-120
<b>PLSS:</b>	T06S, R08E, Sec. 22 (S)	<b>Acres:</b>	0.0

**Location:** THERMAL, RIVERSIDE COUNTY.

**Detailed Location:** EXACT LOCATION UNKNOWN. MAPPED IN THE VICINITY OF THERMAL.

**Ecological:**

**General:** 1 MALE & 1 FEMALE SPECIMENS COLLECTED 14 APR & 27 JUN 1976 BY D. CONSTANTINE AT "THERMAL." DEPOSITED AT MVZ #181924 & 181925.

**Owner/Manager:** UNKNOWN



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<b><i>Eumops perotis californicus</i></b>		<b>Element Code:</b> AMACD02011	
western mastiff bat			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G5T4
	<b>State:</b> None		<b>State:</b> S3S4
	<b>Other:</b> BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, WBWG_H-High Priority		
<b>Habitat:</b>	<b>General:</b> MANY OPEN, SEMI-ARID TO ARID HABITATS, INCLUDING CONIFER & DECIDUOUS WOODLANDS, COASTAL SCRUB, GRASSLANDS, CHAPARRAL ETC		
	<b>Micro:</b> ROOSTS IN CREVICES IN CLIFF FACES, HIGH BUILDINGS, TREES & TUNNELS.		

<b>Occurrence No.</b>	77	<b>Map Index:</b> 05882	<b>EO Index:</b> 66409	<b>Element Last Seen:</b> 1939-03-15
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1939-03-15	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2006-09-26	
<b>Quad Summary:</b>	Indio (3311662)			
<b>County Summary:</b>	Riverside			
<b>Lat/Long:</b>	33.68335 / -116.17862	<b>Accuracy:</b>	1 mile	
<b>UTM:</b>	Zone-11 N3727350 E576134	<b>Elevation (ft):</b>		
<b>PLSS:</b>	T06S, R08E, Sec. 05 (S)	<b>Acres:</b>	0.0	
<b>Location:</b>	COACHELLA.			
<b>Detailed Location:</b>	MAPPED IN THE GENERAL VICINITY OF COACHELLA.			
<b>Ecological:</b>				
<b>General:</b>	1 FEMALE SPECIMEN COLLECTED BY B.L. CLARY ON 15 MAR 1939, LACM #30978.			
<b>Owner/Manager:</b>	UNKNOWN			

<b><i>Xerospermophilus tereticaudus chlorus</i></b>		<b>Element Code:</b> AMAFB05161	
Palm Springs round-tailed ground squirrel			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G5T2Q
	<b>State:</b> None		<b>State:</b> S1S2
	<b>Other:</b> BLM_S-Sensitive, CDFW_SSC-Species of Special Concern		
<b>Habitat:</b>	<b>General:</b> RESTRICTED TO THE COACHELLA VALLEY. PREFERS DESERT SUCCULENT SCRUB, DESERT WASH, DESERT SCRUB, ALKALI SCRUB, & LEVEES.		
	<b>Micro:</b> PREFERS OPEN, FLAT, GRASSY AREAS IN FINE-TEXTURED, SANDY SOIL. DENSITY CORRELATED WITH WINTER RAINFALL.		

<b>Occurrence No.</b>	7	<b>Map Index:</b> 05882	<b>EO Index:</b> 24195	<b>Element Last Seen:</b> 1938-XX-XX
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1938-XX-XX	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 1989-08-10	
<b>Quad Summary:</b>	Indio (3311662)			
<b>County Summary:</b>	Riverside			
<b>Lat/Long:</b>	33.68335 / -116.17862	<b>Accuracy:</b>	1 mile	
<b>UTM:</b>	Zone-11 N3727350 E576134	<b>Elevation (ft):</b>	70	
<b>PLSS:</b>	T06S, R08E, Sec. 05 (S)	<b>Acres:</b>	0.0	
<b>Location:</b>	COACHELLA.			
<b>Detailed Location:</b>				
<b>Ecological:</b>				
<b>General:</b>	PG 359.			
<b>Owner/Manager:</b>	UNKNOWN			



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<b>Occurrence No.</b>	9	<b>Map Index:</b> 45736	<b>EO Index:</b> 45736	<b>Element Last Seen:</b>	2000-11-13
<b>Occ. Rank:</b>	Poor		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2000-11-13
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2001-12-12

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.72405 / -116.16150	<b>Accuracy:</b>	80 meters
<b>UTM:</b>	Zone-11 N3731875 E577684	<b>Elevation (ft):</b>	35
<b>PLSS:</b>	T05S, R08E, Sec. 21, NE (S)	<b>Acres:</b>	0.0

**Location:** WEST SIDE OF THE COACHELLA CANAL, EAST OF DILLON RD AND NORTH OF I-10. ABOUT 3 MILES EAST OF INDIO.

**Detailed Location:**

**Ecological:** HABITAT CONSISTS OF THE CANAL LEVEE, VINEYARDS, AND DESERT SALTBUSH SCRUB.

**General:** 1 INDIVIDUAL OBSERVED ON 13 NOV 2000.

**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	10	<b>Map Index:</b> 45742	<b>EO Index:</b> 45742	<b>Element Last Seen:</b>	2000-04-07
<b>Occ. Rank:</b>	Poor		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2000-04-07
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2001-12-12

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.73107 / -116.16349	<b>Accuracy:</b>	80 meters
<b>UTM:</b>	Zone-11 N3732652 E577493	<b>Elevation (ft):</b>	45
<b>PLSS:</b>	T05S, R08E, Sec. 16, SW (S)	<b>Acres:</b>	0.0

**Location:** ALONG THE EAST SIDE OF DILLON ROAD, 0.3 MILE NORTH OF COACHELLA CANAL, EAST OF INDIO.

**Detailed Location:**

**Ecological:** HABITAT CONSISTS OF DISTURBED DESERT SALTBUSH SCRUB.

**General:** 2 INDIVIDUALS OBSERVED ON 7 APR 2000.

**Owner/Manager:** UNKNOWN



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<b><i>Perognathus longimembris bangsi</i></b>		<b>Element Code:</b> AMAFD01043	
Palm Springs pocket mouse			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G5T2T3
	<b>State:</b> None		<b>State:</b> S2S3
	<b>Other:</b> BLM_S-Sensitive, CDFW_SSC-Species of Special Concern		
<b>Habitat:</b>	<b>General:</b> DESERT RIPARIAN, DESERT SCRUB, DESERT WASH & SAGEBRUSH HABITATS. MOST COMMON IN CRESOTE-DOMINATED DESERT SCRUB.		
	<b>Micro:</b> RARELY FOUND ON ROCKY SITES. OCCURS IN ALL CANOPY COVERAGE CLASSES.		

<b>Occurrence No.</b>	5	<b>Map Index:</b> 51793	<b>EO Index:</b> 51793	<b>Element Last Seen:</b> 1999-06-XX
<b>Occ. Rank:</b>	Good	<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1999-06-XX	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2003-07-17	

**Quad Summary:** Indio (3311662), West Berdoo Canyon (3311672)  
**County Summary:** Riverside

<b>Lat/Long:</b>	33.75099 / -116.19132	<b>Accuracy:</b>	nonspecific area
<b>UTM:</b>	Zone-11 N3734841 E574897	<b>Elevation (ft):</b>	75
<b>PLSS:</b>	T05S, R08E, Sec. 07 (S)	<b>Acres:</b>	942.3

**Location:** AT THE BASE OF THE SOUTHERN END OF THE INDIO HILLS, NE OF INDIO.  
**Detailed Location:** TRAPLINES SET ON BOTH THE EAST AND WEST SIDES OF INDIO HILLS.  
**Ecological:** HABITAT CONSISTS OF DESERT SCRUB AND RIPARIAN, DOMINATED BY C. LINEARIS, LARREA TRIDENTATA, E. FARINOSA, A. DUMOSA, AND H. SALSOLA. SITE HAS ~15% SHRUB COVER ON SANDY/GRAVELLY SOILS (LEVEL).  
**General:** 4 ADULTS CAPTURED DURING JUN 1999 SURVEYS.  
**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	14	<b>Map Index:</b> 70534	<b>EO Index:</b> 71441	<b>Element Last Seen:</b> 2001-07-14
<b>Occ. Rank:</b>	Fair	<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 2001-07-14	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2007-11-27	

**Quad Summary:** Thermal Canyon (3311661), Indio (3311662)  
**County Summary:** Riverside

<b>Lat/Long:</b>	33.69855 / -116.11617	<b>Accuracy:</b>	nonspecific area
<b>UTM:</b>	Zone-11 N3729083 E581907	<b>Elevation (ft):</b>	330
<b>PLSS:</b>	T05S, R08E, Sec. 35 (S)	<b>Acres:</b>	1938.0

**Location:** I-10/MCNAUGHTON INTERCHANGE, COACHELLA VALLEY.  
**Detailed Location:**  
**Ecological:** HABITAT CONSISTS OF CREOSOTE DESERT SCRUB, DOMINATED BY CREOSOTE BUSH, INDIGO BUSH, AND CHEESEBUSH. SITE IS LOCATED ON THE NORTHERN BORDER OF STEEP BADLANDS, BRAIDED STREAMBEDS, AND BORDERED BY SMALL HILLS AND BENCHES.  
**General:** 3 JUVENILES DETECTED DURING SURVEYS CONDUCTED 10-14 JUL 2001.  
**Owner/Manager:** UNKNOWN



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<b><i>Taxidea taxus</i></b>		<b>Element Code:</b> AMAJF04010	
American badger			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G5
	<b>State:</b> None		<b>State:</b> S3
	<b>Other:</b> CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern		
<b>Habitat:</b>	<b>General:</b> MOST ABUNDANT IN DRIER OPEN STAGES OF MOST SHRUB, FOREST, AND HERBACEOUS HABITATS, WITH FRIABLE SOILS.		
	<b>Micro:</b> NEEDS SUFFICIENT FOOD, FRIABLE SOILS & OPEN, UNCULTIVATED GROUND. PREYS ON BURROWING RODENTS. DIGS BURROWS.		

<b>Occurrence No.</b>	303	<b>Map Index:</b>	05843	<b>EO Index:</b>	57546	<b>Element Last Seen:</b>	XXXX-XX-XX
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>			XXXX-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>			2004-10-21

**Quad Summary:** Indio (3311662)  
**County Summary:** Riverside

<b>Lat/Long:</b>	33.71890 / -116.22140	<b>Accuracy:</b>	1 mile
<b>UTM:</b>	Zone-11 N3731260 E572139	<b>Elevation (ft):</b>	-10
<b>PLSS:</b>	T05S, R07E, Sec. 23 (S)	<b>Acres:</b>	0.0

**Location:** INDIO.  
**Detailed Location:**  
**Ecological:**  
**General:** 1 COLLECTED, UCLA.  
**Owner/Manager:** UNKNOWN

<b><i>Phrynosoma mcallii</i></b>		<b>Element Code:</b> ARACF12040	
flat-tailed horned lizard			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G3
	<b>State:</b> Candidate Endangered		<b>State:</b> S2
	<b>Other:</b> BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_NT-Near Threatened		
<b>Habitat:</b>	<b>General:</b> RESTRICTED TO DESERT WASHES AND DESERT FLATS IN CENTRAL RIVERSIDE, EASTERN SAN DIEGO, AND IMPERIAL COUNTIES.		
	<b>Micro:</b> CRITICAL HABITAT ELEMENT IS FINE SAND, INTO WHICH LIZARDS BURROW TO AVOID TEMP EXTREMES; REQUIRES VEGETATIVE COVER AND ANTS.		



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<b>Occurrence No.</b>	64	<b>Map Index:</b>	36959	<b>EO Index:</b>	31956	<b>Element Last Seen:</b>	1997-06-19
<b>Occ. Rank:</b>	Good	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>	1997-06-19	<b>Record Last Updated:</b>	1998-09-09
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown				
<b>Quad Summary:</b>	Indio (3311662)						
<b>County Summary:</b>	Riverside						
<b>Lat/Long:</b>	33.73749 / -116.18037	<b>Accuracy:</b>	80 meters				
<b>UTM:</b>	Zone-11 N3733351 E575924	<b>Elevation (ft):</b>	50				
<b>PLSS:</b>	T05S, R08E, Sec. 17, NW (S)	<b>Acres:</b>	0.0				
<b>Location:</b>	NORTH SIDE OF COACHELLA CANAL, SOUTH OF THE INDIO HILLS, 2 MILES NE OF INDIO.						
<b>Detailed Location:</b>	2 FEMALES LIZARD COLLECTED BY M. POLLECK, NE OF INDIO, 6/9/1964, GENERAL LOCATION GIVEN, MUSEUM RECORD #00330 & #00928.						
<b>Ecological:</b>	HABITAT CONSISTS OF A SANDY AREA WITH MESQUITE HUMMOCKS, INTERSPERSED WITH LOWER LYING ALKALI SCRUB. AGRICULTURAL AREAS AND THE COACHELLA CANAL LIE TO THE SOUTH.						
<b>General:</b>	1 ADULT OBSERVED ON 19 JUNE 1997. MUSEUM SPECIMENS (CPC), #00330 (00300?) & #00928, MAY 1964.						
<b>Owner/Manager:</b>	UNKNOWN						
<b>Occurrence No.</b>	219	<b>Map Index:</b>	05843	<b>EO Index:</b>	82789	<b>Element Last Seen:</b>	XXXX-XX-XX
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>	XXXX-XX-XX	<b>Record Last Updated:</b>	2011-02-16
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown				
<b>Quad Summary:</b>	Indio (3311662)						
<b>County Summary:</b>	Riverside						
<b>Lat/Long:</b>	33.71890 / -116.22140	<b>Accuracy:</b>	1 mile				
<b>UTM:</b>	Zone-11 N3731260 E572139	<b>Elevation (ft):</b>	-10				
<b>PLSS:</b>	T05S, R07E, Sec. 23 (S)	<b>Acres:</b>	0.0				
<b>Location:</b>	INDIO.						
<b>Detailed Location:</b>	LOCATION STATED AS "INDIO".						
<b>Ecological:</b>							
<b>General:</b>	USNM #84029 COLLECTED BY D. MOORE ON AN UNKNOWN DATE.						
<b>Owner/Manager:</b>	UNKNOWN						
<b>Occurrence No.</b>	384	<b>Map Index:</b>	96979	<b>EO Index:</b>	98212	<b>Element Last Seen:</b>	1995-06-15
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>	1995-06-15	<b>Record Last Updated:</b>	2015-07-24
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown				
<b>Quad Summary:</b>	Indio (3311662), West Berdoo Canyon (3311672)						
<b>County Summary:</b>	Riverside						
<b>Lat/Long:</b>	33.75314 / -116.17390	<b>Accuracy:</b>	3/5 mile				
<b>UTM:</b>	Zone-11 N3735092 E576509	<b>Elevation (ft):</b>	200				
<b>PLSS:</b>	T05S, R08E, Sec. 08 (S)	<b>Acres:</b>	0.0				
<b>Location:</b>	SE END OF INDIO HILLS, NW OF INTERSECTION OF DILLON ROAD AND FARGO CANYON ROAD, NE OF INDIO.						
<b>Detailed Location:</b>	MAPPED BY CNDDDB CENTERED ON COORDINATES PROVIDED BY COACHELLA VALLEY ASSOCIATION OF GOVERNMENTS GIS DATA. LOCATION DESCRIBED AS "E END OF INDIO HILLS; S OF ORCHARD, NEAR ROAD, N BASE OF HILLS."						
<b>Ecological:</b>							
<b>General:</b>	DETECTED ON 15 JUN 1995.						
<b>Owner/Manager:</b>	UNKNOWN						



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<b><i>Uma inornata</i></b>		<b>Element Code:</b> ARACF15010	
Coachella Valley fringe-toed lizard			
<b>Listing Status:</b>	<b>Federal:</b> Threatened	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G1Q
	<b>State:</b> Endangered		<b>State:</b> S1
	<b>Other:</b> IUCN_EN-Endangered		
<b>Habitat:</b>	<b>General:</b> LIMITED TO SANDY AREAS IN THE COACHELLA VALLEY, RIVERSIDE COUNTY.		
	<b>Micro:</b> REQUIRES FINE, LOOSE, WINDBLOWN SAND (FOR BURROWING), INTERSPERSED WITH HARDPAN AND WIDELY SPACED DESERT SHRUBS.		

<b>Occurrence No.</b>	55	<b>Map Index:</b> 05892	<b>EO Index:</b> 27896	<b>Element Last Seen:</b> 1975-05-06
<b>Occ. Rank:</b>	Poor		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1975-05-06
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Decreasing	<b>Record Last Updated:</b> 2003-01-31

**Quad Summary:** Indio (3311662)  
**County Summary:** Riverside

<b>Lat/Long:</b>	33.72409 / -116.16218	<b>Accuracy:</b>	1/5 mile
<b>UTM:</b>	Zone-11 N3731879 E577621	<b>Elevation (ft):</b>	10
<b>PLSS:</b>	T05S, R08E, Sec. 21, SW (S)	<b>Acres:</b>	0.0

**Location:** EAST SIDE OF DILLON ROAD, APPROXIMATELY 2.5 MILES EAST OF HIGHWAY 111.  
**Detailed Location:** T5S R8E NW 1/4 OF SW 1/4 SECTION 21.  
**Ecological:** POSSIBLY A FEW LIZARDS STILL EXTANT, BUT NOT VIABLE (1988).  
**General:** LAST OBSERVED 6 MAY 1975, BRODE & CORDONE FIELD #257. INCLUDES DATA FROM RECOVERY PLAN (1984).  
**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	103	<b>Map Index:</b> 31526	<b>EO Index:</b> 2536	<b>Element Last Seen:</b> 1994-08-28
<b>Occ. Rank:</b>	Fair		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1994-08-28
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2003-01-31

**Quad Summary:** Indio (3311662), West Berdoo Canyon (3311672)  
**County Summary:** Riverside

<b>Lat/Long:</b>	33.74535 / -116.17076	<b>Accuracy:</b>	nonspecific area
<b>UTM:</b>	Zone-11 N3734230 E576807	<b>Elevation (ft):</b>	90
<b>PLSS:</b>	T05S, R08E, Sec. 08 (S)	<b>Acres:</b>	121.5

**Location:** SOUTHERN EDGE OF INDIO HILLS EXTENDING 0.7 MILE TO DILLON ROAD, ABOUT 3 MILES NE OF INDIO.  
**Detailed Location:** MUTH: T5S R8E SW 1/4 OF SE 1/4 SECTION 8. ENGLAND AND NELSON: T5S R8E NE 1/4 OF SW 1/4 SECTION 8. DAVIS: T5S R8E NE 1/4 OF NE 1/4 SECTION 17. INCLUDES DATA FROM RECOVERY PLAN (1984).  
**Ecological:** SCATTERED PATCHES AEOLIAN SAND, CREOSOTE SCRUB. LAND USE IN THE AREA IS AGRICULTURAL AND SAND AND GRAVEL MINING.  
**General:** 7 INDIVIDUALS SEEN, 5 CAPTURED & RELEASED 8/28/94 - WRITTEN DIRECTIONS CONFLICTED WITH TOWNSHIP, RANGE & SECTION INFO. MAPPED ACCORDING TO T-R-S. ENGLAND AND NELSON LOCALITY FOR JULY 1975. DAVIS RECORD FOR TIME PERIOD 1969-1975.  
**Owner/Manager:** UNKNOWN





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<b>Occurrence No.</b>	188	<b>Map Index:</b> 50030	<b>EO Index:</b> 50030	<b>Element Last Seen:</b> 1975-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1975-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2003-01-29

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.74585 / -116.21897	<b>Accuracy:</b>	nonspecific area
<b>UTM:</b>	Zone-11 N3734250 E572341	<b>Elevation (ft):</b>	0
<b>PLSS:</b>	T05S, R07E, Sec. 11, SE (S)	<b>Acres:</b>	39.5

**Location:** 0.5 MILE NORTH OF I-10, NORTH INDIO.

**Detailed Location:** BORDERED TO SOUTH BY AVENUE 42 AND TO THE EAST BY JACKSON STREET. T5S R7E SE 1/4 OF SE 1/4 SECTION 11.

**Ecological:**

**General:** DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).

**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	189	<b>Map Index:</b> 50031	<b>EO Index:</b> 50031	<b>Element Last Seen:</b> 1975-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1975-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2003-01-29

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.69823 / -116.21878	<b>Accuracy:</b>	nonspecific area
<b>UTM:</b>	Zone-11 N3728971 E572398	<b>Elevation (ft):</b>	20
<b>PLSS:</b>	T05S, R07E, Sec. 35, NE (S)	<b>Acres:</b>	39.6

**Location:** 1 MILE SOUTH OF STATE ROUTE 111, SOUTH INDIO.

**Detailed Location:** BORDERED TO THE NORTH BY AVENUE 48 AND TO THE EAST BY JACKSON STREET. T5S R7E NE 1/4 OF NE 1/4 SECTION 35.

**Ecological:**

**General:** DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).

**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	190	<b>Map Index:</b> 50034	<b>EO Index:</b> 50034	<b>Element Last Seen:</b> 1975-07-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1975-07-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2003-02-21

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.68721 / -116.21862	<b>Accuracy:</b>	nonspecific area
<b>UTM:</b>	Zone-11 N3727749 E572423	<b>Elevation (ft):</b>	30
<b>PLSS:</b>	T05S, R07E, Sec. 35, SE (S)	<b>Acres:</b>	135.7

**Location:** 2 MILES SOUTH OF STATE ROUTE 111; SOUTH INDIO.

**Detailed Location:** BORDERED TO THE SOUTH BY AVENUE 50 AND TO THE EAST BY JACKSON STREET. ENGLAND AND NELSON, DAVIS: T5S R7E SE 1/4 OF SE 1/4 SECTION 35.

**Ecological:**

**General:** ENGLAND AND NELSON LOCALITY FOR JULY 1975. DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).

**Owner/Manager:** UNKNOWN



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<b>Occurrence No.</b>	191	<b>Map Index:</b> 50036	<b>EO Index:</b> 50036	<b>Element Last Seen:</b> 1975-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1975-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2003-01-29

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

**Lat/Long:** 33.70183 / -116.23168 **Accuracy:** nonspecific area

**UTM:** Zone-11 N3729361 E571200 **Elevation (ft):** 0

**PLSS:** T05S, R07E, Sec. 26, SW (S) **Acres:** 39.5

**Location:** 1 MILE SOUTH OF STATE ROUTE 111; SOUTH INDIO.

**Detailed Location:** BORDERED TO SOUTH BY AVENUE 48 AND TO WEST BY MONROE STREET. DAVIS RECORD FROM T5S R7E SW 1/4 OF SW 1/4 SECTION 26.

**Ecological:**

**General:** DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).

**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	196	<b>Map Index:</b> 50060	<b>EO Index:</b> 50060	<b>Element Last Seen:</b> 1975-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1975-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2003-01-31

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

**Lat/Long:** 33.74553 / -116.19694 **Accuracy:** nonspecific area

**UTM:** Zone-11 N3734231 E574382 **Elevation (ft):** 100

**PLSS:** T05S, R08E, Sec. 07, SW (S) **Acres:** 41.7

**Location:** NE OF THE INTERSECTION OF AVENUE 42 AND VAN BUREN STREET, NE INDIO.

**Detailed Location:** T5S R8E SW 1/4 OF SW 1/4 SECTION 7.

**Ecological:**

**General:** DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).

**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	197	<b>Map Index:</b> 50061	<b>EO Index:</b> 50061	<b>Element Last Seen:</b> 1975-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1975-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2003-01-31

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

**Lat/Long:** 33.74013 / -116.15129 **Accuracy:** nonspecific area

**UTM:** Zone-11 N3733666 E578615 **Elevation (ft):** 200

**PLSS:** T05S, R08E, Sec. 16, NE (S) **Acres:** 161.6

**Location:** APPROXIMATELY 1 MILE SE OF THE SOUTH TIP OF INDIO HILLS; NE OF INDIO.

**Detailed Location:** 0.5 TO 1 MILE EAST OF DILLON ROAD AND BORDERED TO NORTH BY FARGO ROAD. T5S R8E NE 1/4 OF SECTION 16.

**Ecological:**

**General:** DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).

**Owner/Manager:** UNKNOWN



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<b>Occurrence No.</b>	198	<b>Map Index:</b> 50062	<b>EO Index:</b> 50062	<b>Element Last Seen:</b> 1976-03-21
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1976-03-21
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2003-01-31

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.73168 / -116.16670	<b>Accuracy:</b>	nonspecific area
<b>UTM:</b>	Zone-11 N3732717 E577195	<b>Elevation (ft):</b>	60
<b>PLSS:</b>	T05S, R08E, Sec. 17 (S)	<b>Acres:</b>	202.1

**Location:** APPROXIMATELY 1 MILE SOUTH OF THE SOUTH TIP OF INDIO HILLS; NE OF INDIO.

**Detailed Location:** BORDERED TO THE EAST BY DILLON ROAD. ENGLAND AND NELSON: T5S R8E SE 1/4 OF SECTION 17. DAVIS RECORD: T5S R8E SW 1/4 OF SW 1/4 SECTION 16. MVZ RECORDS FROM WASH AT TURNOFF TO COUNTY DUMP.

**Ecological:**

**General:** ENGLAND AND NELSON LOCALITY FOR JULY 1975. DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984). MVZ #147724 & 147794 COLLECTED 21 MAR 1976 BY SAM SWEET.

**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	199	<b>Map Index:</b> 50063	<b>EO Index:</b> 50063	<b>Element Last Seen:</b> 1975-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1975-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2003-02-21

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.70881 / -116.14912	<b>Accuracy:</b>	2/5 mile
<b>UTM:</b>	Zone-11 N3730195 E578845	<b>Elevation (ft):</b>	0
<b>PLSS:</b>	T05S, R08E, Sec. 28, SE (S)	<b>Acres:</b>	0.0

**Location:** AREA AROUND THE INTERSECTION OF INTERSTATE 10 AND COACHELLA CANAL, 3 MILES EAST OF INDIO.

**Detailed Location:** T5S R8E NE 1/4 OF SE 1/4 SECTION 28.

**Ecological:**

**General:** DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).

**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	200	<b>Map Index:</b> 50064	<b>EO Index:</b> 50064	<b>Element Last Seen:</b> 19XX-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 19XX-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2003-01-31

**Quad Summary:** Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.68739 / -116.17922	<b>Accuracy:</b>	nonspecific area
<b>UTM:</b>	Zone-11 N3727797 E576074	<b>Elevation (ft):</b>	70
<b>PLSS:</b>	T05S, R08E, Sec. 32, SW (S)	<b>Acres:</b>	39.5

**Location:** NE INTERSECT OF STATE ROUTE 111 AND AVENUE 50, NORTH COACHELLA.

**Detailed Location:** T5S R8E SW 1/4 OF SW 1/4 SECTION 32.

**Ecological:**

**General:** MUSEUM RECORD (MUSEUM NOT IDENTIFIED) FROM THE 1900'S. INCLUDES DATA FROM RECOVERY PLAN (1984).

**Owner/Manager:** UNKNOWN



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<b>Occurrence No.</b>	201	<b>Map Index:</b> 50065	<b>EO Index:</b> 50065	<b>Element Last Seen:</b>	1975-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1975-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2003-01-31
<b>Quad Summary:</b>	Indio (3311662)				
<b>County Summary:</b>	Riverside				
<b>Lat/Long:</b>	33.68347 / -116.23184		<b>Accuracy:</b>	nonspecific area	
<b>UTM:</b>	Zone-11 N3727325 E571200		<b>Elevation (ft):</b>	-10	
<b>PLSS:</b>	T06S, R07E, Sec. 02, NW (S)		<b>Acres:</b>	40.1	
<b>Location:</b>	AREA SE INTERSECT OF MONROE STREET AND AVENUE 50, 2 MILES SOUTH OF INDIO.				
<b>Detailed Location:</b>	T6S R7E NW 1/4 OF NW 1/4 SECTION 2.				
<b>Ecological:</b>					
<b>General:</b>	DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).				
<b>Owner/Manager:</b>	UNKNOWN				
<b>Occurrence No.</b>	203	<b>Map Index:</b> 50066	<b>EO Index:</b> 50066	<b>Element Last Seen:</b>	1975-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1975-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2003-01-31
<b>Quad Summary:</b>	Indio (3311662)				
<b>County Summary:</b>	Riverside				
<b>Lat/Long:</b>	33.66923 / -116.23176		<b>Accuracy:</b>	nonspecific area	
<b>UTM:</b>	Zone-11 N3725746 E571220		<b>Elevation (ft):</b>	-20	
<b>PLSS:</b>	T06S, R07E, Sec. 11, NW (S)		<b>Acres:</b>	39.9	
<b>Location:</b>	AREA SE OF INTERSECTION OF MONROE STREET AND AVENUE 52, 3.2 MILES WEST OF COACHELLA.				
<b>Detailed Location:</b>	T6S R7E NW 1/4 OF NW 1/4 SECTION 11.				
<b>Ecological:</b>					
<b>General:</b>	DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).				
<b>Owner/Manager:</b>	UNKNOWN				
<b>Occurrence No.</b>	204	<b>Map Index:</b> 50067	<b>EO Index:</b> 50067	<b>Element Last Seen:</b>	1975-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1975-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2003-01-31
<b>Quad Summary:</b>	Indio (3311662)				
<b>County Summary:</b>	Riverside				
<b>Lat/Long:</b>	33.66917 / -116.21873		<b>Accuracy:</b>	nonspecific area	
<b>UTM:</b>	Zone-11 N3725749 E572428		<b>Elevation (ft):</b>	-30	
<b>PLSS:</b>	T06S, R07E, Sec. 11, NE (S)		<b>Acres:</b>	39.5	
<b>Location:</b>	AREA SW INTERSECT OF JACKSON STREET AND AVENUE 52, 2.6 MILES WEST OF COACHELLA.				
<b>Detailed Location:</b>	T6S R7E NE 1/4 OF NE 1/4 SECTION 11.				
<b>Ecological:</b>					
<b>General:</b>	DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).				
<b>Owner/Manager:</b>	UNKNOWN				



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<b>Occurrence No.</b>	205	<b>Map Index:</b> 50072	<b>EO Index:</b> 50072	<b>Element Last Seen:</b>	1975-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1975-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2003-01-31
<b>Quad Summary:</b>	Indio (3311662)				
<b>County Summary:</b>	Riverside				
<b>Lat/Long:</b>	33.65475 / -116.23166		<b>Accuracy:</b>	nonspecific area	
<b>UTM:</b>	Zone-11 N3724141 E571241		<b>Elevation (ft):</b>	-30	
<b>PLSS:</b>	T06S, R07E, Sec. 14, NW (S)		<b>Acres:</b>	39.6	
<b>Location:</b>	AREA SE OF INTERSECTION OF MONROE STREET AND AVENUE 54, 3.6 MILES SW OF COACHELLA.				
<b>Detailed Location:</b>	T6S R7E NW 1/4 OF NW 1/4 SECTION 14.				
<b>Ecological:</b>					
<b>General:</b>	DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).				
<b>Owner/Manager:</b>	UNKNOWN				
<b>Occurrence No.</b>	206	<b>Map Index:</b> 50074	<b>EO Index:</b> 50074	<b>Element Last Seen:</b>	1975-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1975-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2003-01-31
<b>Quad Summary:</b>	Indio (3311662)				
<b>County Summary:</b>	Riverside				
<b>Lat/Long:</b>	33.65474 / -116.21422		<b>Accuracy:</b>	nonspecific area	
<b>UTM:</b>	Zone-11 N3724152 E572858		<b>Elevation (ft):</b>	-50	
<b>PLSS:</b>	T06S, R07E, Sec. 13, NW (S)		<b>Acres:</b>	39.8	
<b>Location:</b>	AREA SE OF INTERSECTION OF JACKSON STREET AND AVENUE 54, 2.8 MILES SW OF COACHELLA.				
<b>Detailed Location:</b>	T6S R7E NW 1/4 OF NW 1/4 SECTION 13.				
<b>Ecological:</b>					
<b>General:</b>	DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).				
<b>Owner/Manager:</b>	UNKNOWN				
<b>Occurrence No.</b>	207	<b>Map Index:</b> 50079	<b>EO Index:</b> 50079	<b>Element Last Seen:</b>	1975-07-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1975-07-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2003-02-21
<b>Quad Summary:</b>	Indio (3311662)				
<b>County Summary:</b>	Riverside				
<b>Lat/Long:</b>	33.64298 / -116.22797		<b>Accuracy:</b>	nonspecific area	
<b>UTM:</b>	Zone-11 N3722838 E571593		<b>Elevation (ft):</b>	-50	
<b>PLSS:</b>	T06S, R07E, Sec. 14 (S)		<b>Acres:</b>	162.4	
<b>Location:</b>	AREA BETWEEN MONROE STREET & JACKSON STREET, NORTH & SOUTH OF AVENUE 56, 4 MILES SW OF COACHELLA.				
<b>Detailed Location:</b>	ENGLAND AND NELSON: T6S R7E SE 1/4 OF SW 1/4 SECTION 14. DAVIS: T6S R7E NW 1/4 OF NW 1/4 SECTION 23.				
<b>Ecological:</b>					
<b>General:</b>	ENGLAND AND NELSON LOCALITY FROM JULY 1975. DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).				
<b>Owner/Manager:</b>	UNKNOWN				



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<b>Occurrence No.</b>	208	<b>Map Index:</b> 50081	<b>EO Index:</b> 50081	<b>Element Last Seen:</b>	1975-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1975-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2003-01-31
<b>Quad Summary:</b>	Valerie (3311652), Indio (3311662)				
<b>County Summary:</b>	Riverside				
<b>Lat/Long:</b>	33.62567 / -116.23116		<b>Accuracy:</b>	nonspecific area	
<b>UTM:</b>	Zone-11 N3720917 E571311		<b>Elevation (ft):</b>	-70	
<b>PLSS:</b>	T06S, R07E, Sec. 26, NW (S)		<b>Acres:</b>	40.4	
<b>Location:</b>	AREA SE OF THE INTERSECTION OF MONROE STREET AND AVENUE 58, 4.8 MILES SW OF COACHELLA.				
<b>Detailed Location:</b>	T6S R7E NW 1/4 OF NW 1/4 SECTION 26.				
<b>Ecological:</b>					
<b>General:</b>	DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).				
<b>Owner/Manager:</b>	UNKNOWN				
<b>Occurrence No.</b>	209	<b>Map Index:</b> 50082	<b>EO Index:</b> 50082	<b>Element Last Seen:</b>	1975-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1975-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2003-01-31
<b>Quad Summary:</b>	Valerie (3311652), Indio (3311662)				
<b>County Summary:</b>	Riverside				
<b>Lat/Long:</b>	33.62567 / -116.21842		<b>Accuracy:</b>	nonspecific area	
<b>UTM:</b>	Zone-11 N3720926 E572493		<b>Elevation (ft):</b>	-60	
<b>PLSS:</b>	T06S, R07E, Sec. 26, NE (S)		<b>Acres:</b>	39.8	
<b>Location:</b>	AREA SW OF THE INTERSECTION OF JACKSON STREET AND AVENUE 58, 4.3 MILES SW OF COACHELLA.				
<b>Detailed Location:</b>	T6S R7E NE 1/4 OF NE 1/4 SECTION 26.				
<b>Ecological:</b>					
<b>General:</b>	DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).				
<b>Owner/Manager:</b>	UNKNOWN				
<b>Occurrence No.</b>	215	<b>Map Index:</b> 50095	<b>EO Index:</b> 50095	<b>Element Last Seen:</b>	1975-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1975-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2003-02-04
<b>Quad Summary:</b>	Indio (3311662)				
<b>County Summary:</b>	Riverside				
<b>Lat/Long:</b>	33.64386 / -116.18358		<b>Accuracy:</b>	nonspecific area	
<b>UTM:</b>	Zone-11 N3722967 E575708		<b>Elevation (ft):</b>	-90	
<b>PLSS:</b>	T06S, R08E, Sec. 18, SE (S)		<b>Acres:</b>	40.4	
<b>Location:</b>	AREA NW OF THE INTERSECTION OF AVENUE 56 & STATE ROUTE 86 (HARRISON ST), 2.5 MILES SOUTH OF COACHELLA.				
<b>Detailed Location:</b>	T6S R8E SE 1/4 OF SE 1/4 SECTION 18.				
<b>Ecological:</b>					
<b>General:</b>	DAVIS RECORD FOR TIME PERIOD 1969-1975. INCLUDES DATA FROM RECOVERY PLAN (1984).				
<b>Owner/Manager:</b>	BIA-AUGUSTINE RES				



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<b>Occurrence No.</b>	216	<b>Map Index:</b> 50096	<b>EO Index:</b> 50096	<b>Element Last Seen:</b> 1975-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1975-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2003-02-04

**Quad Summary:** Valerie (3311652), Indio (3311662)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.62564 / -116.18354	<b>Accuracy:</b>	nonspecific area
<b>UTM:</b>	Zone-11 N3720947 E575728	<b>Elevation (ft):</b>	-110
<b>PLSS:</b>	T06S, R08E, Sec. 30, NE (S)	<b>Acres:</b>	39.1

**Location:** AREA SW OF THE INTERSECTION OF AVENUE 58 AND STATE ROUTE 86 (HARRISON ST), 3.6 MILES SOUTH OF COACHELLA.

**Detailed Location:** T6S R8E NE 1/4 OF NE 1/4 SECTION 30.

**Ecological:**

**General:** DAVIS RECORD FOR TIME PERIOD 1969-1975.

**Owner/Manager:** UNKNOWN

***Macrobaenetes valgum*** **Element Code:** IIORT22020

Coachella giant sand treader cricket

**Listing Status:** **Federal:** None **CNDDB Element Ranks:** **Global:** G1G2

**State:** None **State:** S1S2

**Other:** IUCN\_VU-Vulnerable

**Habitat:** **General:** KNOWN FROM THE SAND DUNE RIDGES IN THE VICINITY OF COACHELLA VALLEY.

**Micro:** POPULATION SIZE REGULATED BY AMOUNT OF ANNUAL RAINFALL; SOME SPOTS FAVOR PERMANENT HABITATION WHERE SPRINGS DAMPEN SAND.

<b>Occurrence No.</b>	2	<b>Map Index:</b> 05795	<b>EO Index:</b> 22602	<b>Element Last Seen:</b> XXXX-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> XXXX-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 1989-08-11

**Quad Summary:** Indio (3311662), La Quinta (3311663)

**County Summary:** Riverside

<b>Lat/Long:</b>	33.72224 / -116.26528	<b>Accuracy:</b>	1 mile
<b>UTM:</b>	Zone-11 N3731601 E568070	<b>Elevation (ft):</b>	40
<b>PLSS:</b>	T05S, R07E, Sec. 21, W (S)	<b>Acres:</b>	0.0

**Location:** 2 MILES WEST OF INDIO.

**Detailed Location:**

**Ecological:** FOUND ON WIND-SWEPT SAND DUNE RIDGES. ALTHOUGH LARGELY REGULATED IN ABUNDANCE BY WINTER RAINS, THERE ARE SOME SPOTS, WHERE SPRINGS KEEP THE SAND DAMP, THAT ARE FAVORABLE TO PERMANENT HABITATION.

**General:** IN VERY DRY YEARS, THE SPECIES DISAPPEARS OVER MOST OF THE SAND AREAS.

**Owner/Manager:** PVT





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<b><i>Ditaxis claryana</i></b>		<b>Element Code:</b> PDEUP080L0	
glandular ditaxis			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G3G4
	<b>State:</b> None		<b>State:</b> S2
	<b>Other:</b> Rare Plant Rank - 2B.2		
<b>Habitat:</b>	<b>General:</b> MOJAVEAN DESERT SCRUB, SONORAN DESERT SCRUB.		
	<b>Micro:</b> IN DRY WASHES AND ON ROCKY HILLSIDES. SANDY SOILS. 0-465 M.		

<b>Occurrence No.</b>	3	<b>Map Index:</b> 05843	<b>EO Index:</b> 5163	<b>Element Last Seen:</b>	1906-04-27
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1906-04-27
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2010-02-24
<b>Quad Summary:</b>	Indio (3311662)				
<b>County Summary:</b>	Riverside				
<b>Lat/Long:</b>	33.71890 / -116.22140		<b>Accuracy:</b>	1 mile	
<b>UTM:</b>	Zone-11 N3731260 E572139		<b>Elevation (ft):</b>		
<b>PLSS:</b>	T05S, R07E, Sec. 23 (S)		<b>Acres:</b>	0.0	
<b>Location:</b>	INDIO.				
<b>Detailed Location:</b>	EXACT LOCATION UNKNOWN. MAPPED BY CNDDB AS BEST GUESS AT INDIO.				
<b>Ecological:</b>					
<b>General:</b>	ONLY SOURCE OF INFORMATION FOR THIS SITE ARE TWO 1906 COLLECTIONS BY JONES. NEEDS FIELWORK.				
<b>Owner/Manager:</b>	UNKNOWN				

<b><i>Astragalus preussii var. laxiflorus</i></b>		<b>Element Code:</b> PDFAB0F721	
Lancaster milk-vetch			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G4T2
	<b>State:</b> None		<b>State:</b> S1
	<b>Other:</b> Rare Plant Rank - 1B.1		
<b>Habitat:</b>	<b>General:</b> CHENOPOD SCRUB.		
	<b>Micro:</b> ALKALINE CLAY FLATS OR GRAVELLY OR SANDY WASHES AND ALONG DRAWS IN GULLIED BADLANDS. 725 M IN CALIFORNIA.		

<b>Occurrence No.</b>	5	<b>Map Index:</b> 84032	<b>EO Index:</b> 85068	<b>Element Last Seen:</b>	1928-04-04
<b>Occ. Rank:</b>	None		<b>Presence:</b> Possibly Extirpated	<b>Site Last Seen:</b>	1928-04-04
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2011-10-19
<b>Quad Summary:</b>	Martinez Mtn. (3311653), Indio (3311662), La Quinta (3311663)				
<b>County Summary:</b>	Riverside				
<b>Lat/Long:</b>	33.63614 / -116.26100		<b>Accuracy:</b>	4/5 mile	
<b>UTM:</b>	Zone-11 N3722059 E568534		<b>Elevation (ft):</b>		
<b>PLSS:</b>	T06S, R07E, Sec. 21 (S)		<b>Acres:</b>	0.0	
<b>Location:</b>	CORAL REEF RANCH, COACHELLA VALLEY.				
<b>Detailed Location:</b>	EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS BY CNDDB BASED ON HISTORIC DESCRIPTION FOR "CORAL REEF" NEAR RAU RANCH LOCATED AT THE NORTHWEST CORNER OF AVE 58 AND MADISON ST.				
<b>Ecological:</b>					
<b>General:</b>	ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1928 COLLECTION BY ACKLEY. NEEDS FIELDWORK.				
<b>Owner/Manager:</b>	UNKNOWN				





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<b><i>Astragalus sabulorum</i></b>		<b>Element Code:</b> PDFAB0F7R0	
gravel milk-vetch			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G4G5
	<b>State:</b> None		<b>State:</b> S2
	<b>Other:</b> Rare Plant Rank - 2B.2		
<b>Habitat:</b>	<b>General:</b> DESERT DUNES, MOJAVEAN DESERT SCRUB, SONORAN DESERT SCRUB.		
	<b>Micro:</b> SANDY OR GRAVELLY FLATS, WASHES, AND ROADSIDES. -60-885 M.		

<b>Occurrence No.</b>	12	<b>Map Index:</b>	05843	<b>EO Index:</b>	85327	<b>Element Last Seen:</b>	1906-04-30
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		1906-04-30	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2011-11-17	
<b>Quad Summary:</b>	Indio (3311662)						
<b>County Summary:</b>	Riverside						
<b>Lat/Long:</b>	33.71890 / -116.22140		<b>Accuracy:</b>	1 mile			
<b>UTM:</b>	Zone-11 N3731260 E572139		<b>Elevation (ft):</b>				
<b>PLSS:</b>	T05S, R07E, Sec. 23 (S)		<b>Acres:</b>	0.0			
<b>Location:</b>	INDIO.						
<b>Detailed Location:</b>	EXACT LOCATION UNKNOWN. MAPPED BY CNDDB CENTERED ON THE CITY OF INDIO.						
<b>Ecological:</b>							
<b>General:</b>	ONLY SOURCES OF INFORMATION FOR THIS OCCURRENCE ARE AN 1891 ORCUTT COLLECTION AND A 1906 JONES COLLECTION, BOTH WITH LOCALITIES GIVEN ONLY AS "INDIO." NEEDS FIELDWORK.						
<b>Owner/Manager:</b>	UNKNOWN						

<b><i>Astragalus lentiginosus var. coachellae</i></b>		<b>Element Code:</b> PDFAB0FB97	
Coachella Valley milk-vetch			
<b>Listing Status:</b>	<b>Federal:</b> Endangered	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G5T1
	<b>State:</b> None		<b>State:</b> S1
	<b>Other:</b> Rare Plant Rank - 1B.2, SB_RSABG-Rancho Santa Ana Botanic Garden, SB_USDA-US Dept of Agriculture		
<b>Habitat:</b>	<b>General:</b> SONORAN DESERT SCRUB, DESERT DUNES.		
	<b>Micro:</b> SANDY FLATS, WASHES, OUTWASH FANS, SOMETIMES ON DUNES. 40-655 M.		

<b>Occurrence No.</b>	36	<b>Map Index:</b>	05843	<b>EO Index:</b>	71934	<b>Element Last Seen:</b>	1929-03-16
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		1929-03-16	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2008-03-17	
<b>Quad Summary:</b>	Indio (3311662)						
<b>County Summary:</b>	Riverside						
<b>Lat/Long:</b>	33.71890 / -116.22140		<b>Accuracy:</b>	1 mile			
<b>UTM:</b>	Zone-11 N3731260 E572139		<b>Elevation (ft):</b>				
<b>PLSS:</b>	T05S, R07E, Sec. 23 (S)		<b>Acres:</b>	0.0			
<b>Location:</b>	NEAR INDIO, COLORADO DESERT.						
<b>Detailed Location:</b>	EXACT LOCATION UNKNOWN. MAPPED BY CNDDB AS BEST GUESS IN VICINITY OF THE TOWN OF INDIO.						
<b>Ecological:</b>	SANDY DESERT.						
<b>General:</b>	OCCURRENCE BASED ON A 1926 MINTHORN COLLECTION. A 1929 CLARK COLLECTION FROM "N. INDIO" ALSO ATTRIBUTED TO THIS SITE. NEEDS FIELDWORK.						
<b>Owner/Manager:</b>	UNKNOWN						



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<b><i>Abronia villosa var. aurita</i></b>		<b>Element Code:</b> PDNYC010P1	
chaparral sand-verbena			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G5T2T3
	<b>State:</b> None		<b>State:</b> S2
	<b>Other:</b> Rare Plant Rank - 1B.1, BLM_S-Sensitive, USFS_S-Sensitive		
<b>Habitat:</b>	<b>General:</b> CHAPARRAL, COASTAL SCRUB, DESERT DUNES.		
	<b>Micro:</b> SANDY AREAS. 75-1600 M.		

<b>Occurrence No.</b>	58	<b>Map Index:</b>	05843	<b>EO Index:</b>	73388	<b>Element Last Seen:</b>	1949-04-09
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		1949-04-09	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2008-10-06	
<b>Quad Summary:</b>	Indio (3311662)						
<b>County Summary:</b>	Riverside						
<b>Lat/Long:</b>	33.71890 / -116.22140		<b>Accuracy:</b>	1 mile			
<b>UTM:</b>	Zone-11 N3731260 E572139		<b>Elevation (ft):</b>	25			
<b>PLSS:</b>	T05S, R07E, Sec. 23 (S)		<b>Acres:</b>	0.0			
<b>Location:</b>	INDIO.						
<b>Detailed Location:</b>	EXACT LOCATION UNKNOWN. MAPPED BY CNDDDB AS A BEST GUESS CENTERED ON THE CITY OF INDIO.						
<b>Ecological:</b>	ROCKY, SANDY TYPE SOIL. SIDE OF DRY RIVER BED.						
<b>General:</b>	ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1949 COLLECTION BY LAGE, ET AL. COLLECTION MAY HAVE ORIGINATED FROM ALONG THE ADJACENT WHITEWATER RIVER CHANNEL. NEEDS FIELDWORK.						
<b>Owner/Manager:</b>	UNKNOWN						

USFWS 2015 Species-by-County Report

Group	Name	Population	Status	Lead Office	Recovery Plan Name	Recovery Plan Stage
Amphibians	Desert slender salamander ( <i>Batrachoseps aridus</i> )	Entire	Endangered	Carlsbad Fish And Wildlife Office	Desert Slender Salamander Recovery Plan	Final
Amphibians	Arroyo (=arroyo southwestern) toad ( <i>Anaxyrus californicus</i> )	Entire	Endangered	Ventura Fish And Wildlife Office	Arroyo Southwestern Toad ( <i>Bufo microscaphus californicus</i> ) Recovery Plan	Final
Amphibians	Mountain yellow-legged frog ( <i>Rana muscosa</i> )	Southern California DPS	Endangered	Carlsbad Fish And Wildlife Office		
Birds	Least Bell's vireo ( <i>Vireo bellii pusillus</i> )	Entire	Endangered	Carlsbad Fish And Wildlife Office	Draft Recovery Plan for the Least Bell's Vireo	Draft
Birds	Western snowy plover ( <i>Charadrius alexandrinus nivosus</i> )	Pacific coastal pop.	Threatened	Arcata Fish And Wildlife Office	Final Recovery Plan for the Western Snowy Plover	Final
Birds	Coastal California gnatcatcher ( <i>Poliophtila californica californica</i> )	Entire	Threatened	Carlsbad Fish And Wildlife Office		
Birds	Southwestern willow flycatcher ( <i>Empidonax traillii extimus</i> )	Entire	Endangered	Arizona Ecological Services Field Office	Final Recovery Plan for the Southwestern Willow Flycatcher	Final
Crustaceans	Riverside fairy shrimp ( <i>Streptocephalus woottoni</i> )	Entire	Endangered	Carlsbad Fish And Wildlife Office	Vernal Pools of Southern California Recovery Plan	Final
Crustaceans	Vernal pool fairy shrimp ( <i>Branchinecta lynchi</i> )	Entire	Threatened	Sacramento Fish And Wildlife Office	Recovery Plan for Vernal Pool Ecosystems of California and Southern Oregon	Final
Fishes	Desert pupfish ( <i>Cyprinodon macularius</i> )	Entire	Endangered	Arizona Ecological Services Field Office	Desert Pupfish ( <i>Cyprinodon macularius</i> ) Recovery Plan	Final
Fishes	Santa Ana sucker ( <i>Catostomus santaanae</i> )	3 CA river basins	Threatened	Carlsbad Fish And Wildlife Office	Draft Recovery Plan for the Santa Ana Sucker ( <i>Catostomus santaanae</i> )	Draft
Flowering Plants	Del Mar manzanita ( <i>Arctostaphylos glandulosa</i> ssp. <i>crassifolia</i> )		Endangered	Carlsbad Fish And Wildlife Office		
Flowering Plants	Braunton's milk-vetch ( <i>Astragalus brauntonii</i> )		Endangered	Ventura Fish And Wildlife Office	Recovery Plan for Six Plants from the Mountains Surrounding the Los Angeles Basin	Final
Flowering Plants	Nevin's barberry ( <i>Berberis nevinii</i> )		Endangered	Carlsbad Fish And Wildlife Office		
Flowering Plants	Thread-leaved brodiaea ( <i>Brodiaea filifolia</i> )		Threatened	Carlsbad Fish And Wildlife Office		
Flowering Plants	San Diego button-celery ( <i>Eryngium aristulatum</i> var. <i>parishii</i> )		Endangered	Carlsbad Fish And Wildlife Office	Vernal Pools of Southern California Recovery Plan	Final
Flowering Plants	California Orcutt grass ( <i>Orcuttia californica</i> )		Endangered	Carlsbad Fish And Wildlife Office	Vernal Pools of Southern California Recovery Plan	Final
Flowering Plants	Hidden Lake bluecurls ( <i>Trichostema austromontanum</i> ssp. <i>compactum</i> )		Threatened	Carlsbad Fish And Wildlife Office		
Flowering Plants	Spreading navarretia ( <i>Navarretia fossalis</i> )		Threatened	Carlsbad Fish And Wildlife Office	Vernal Pools of Southern California Recovery Plan	Final
Flowering Plants	Slender-horned spineflower ( <i>Dodecahema leptoceras</i> )		Endangered	Carlsbad Fish And Wildlife Office		
Flowering Plants	Munz's onion ( <i>Allium munzii</i> )		Endangered	Carlsbad Fish And Wildlife Office		
Flowering Plants	San Jacinto Valley crownscale ( <i>Atriplex coronata</i> var. <i>notatior</i> )		Endangered	Carlsbad Fish And Wildlife Office		
Flowering Plants	Gambel's watercress ( <i>Rorippa gambelii</i> )		Endangered	Ventura Fish And Wildlife Office	Recovery Plan for Marsh Sandwort ( <i>Arenaria paludicola</i> ) and Gambel's Watercress ( <i>Rorippa gambelii</i> )	Final
Flowering Plants	Vail Lake ceanothus ( <i>Ceanothus ophiophilus</i> )		Threatened	Carlsbad Fish And Wildlife Office		
Flowering Plants	Santa Monica Mountains dudleyea ( <i>Dudleya cymosa</i> ssp. <i>ovatifolia</i> )		Threatened	Ventura Fish And Wildlife Office	Recovery Plan for Six Plants from the Mountains Surrounding the Los Angeles Basin	Final
Insects	Quino checkerspot butterfly ( <i>Euphydryas editha quino</i> (=E. e. <i>wrightii</i> ))	Entire	Endangered	Carlsbad Fish And Wildlife Office	Recovery Plan for the Quino Checkerspot Butterfly ( <i>Euphydryas editha quino</i> )	Final
Insects	Delhi Sands flower-loving fly ( <i>Rhaphiomidas terminatus abdominalis</i> )	Entire	Endangered	Carlsbad Fish And Wildlife Office	Delhi Sands Flower-Loving Fly ( <i>Rhaphiomidas terminatus abdominalis</i> ) Recovery Plan	Final
Insects	Casey's June Beetle ( <i>Dinacoma caseyi</i> )	Entire	Endangered	Carlsbad Fish And Wildlife Office	Recovery Outline for Casey's June Beetle ( <i>Dinacoma caseyi</i> )	Outline
Mammals	Peninsular bighorn sheep ( <i>Ovis canadensis nelsoni</i> )	Peninsular CA pop.	Endangered	Carlsbad Fish And Wildlife Office	Recovery Plan for Bighorn Sheep in the Peninsular Ranges, California	Final
Mammals	San Bernardino Merriam's kangaroo rat ( <i>Dipodomys merriami parvus</i> )	Entire	Endangered	Carlsbad Fish And Wildlife Office		
Reptiles	Coachella Valley fringe-toed lizard ( <i>Uma inornata</i> )	Entire	Threatened	Carlsbad Fish And Wildlife Office	Coachella Valley Fringe-toed Lizard Recovery Plan	Final
Reptiles	Desert tortoise ( <i>Gopherus agassizii</i> )	U.S.A., except in Sonoran Desert	Threatened	Nevada Fish And Wildlife Office	Revised Recovery Plan for the Mojave Population of the Desert Tortoise ( <i>Gopherus agassizii</i> )	Final Revision 1

**USFWS 2016 Species-by-County Report**

<b>Group</b>	<b>Common Name</b>	<b>Scientific Name</b>	<b>Status</b>	<b>Lead Office</b>	<b>Recovery Plan</b>	<b>Recovery Plan Stage</b>
Amphibians	Desert slender salamander	Batrachoseps aridus	Endangered	Carlsbad Fish and Wildlife Office	Desert Slender Salamander Recovery Plan	Final
Amphibians	Arroyo (=arroyo southwestern) toad	Anaxyrus californicus	Endangered	Ventura Fish and Wildlife Office	Arroyo Southwestern Toad (Bufo microscaphus californicus) Recovery Plan	Final
Amphibians	California red-legged frog	Rana draytonii	Threatened	Sacramento Fish and Wildlife Office	Recovery Plan for the California Red-legged Frog (Rana aurora draytonii)	Final
Amphibians	Mountain yellow-legged frog	Rana muscosa	Endangered	Carlsbad Fish and Wildlife Office		
Birds	Yuma clapper rail	Rallus longirostris yumanensis	Endangered	Arizona Ecological Services Field Office	Draft Revised Recovery Plan for the Yuma Clapper Rail	Draft Revision 1
Birds	Least Bell's vireo	Vireo bellii pusillus	Endangered	Carlsbad Fish and Wildlife Office	Draft Recovery Plan for the Least Bell's Vireo	Draft
Birds	Western snowy plover	Charadrius alexandrinus nivosus	Threatened	Arcata Fish and Wildlife Office	Final Recovery Plan for the Western Snowy Plover	Final
Birds	Coastal California gnatcatcher	Polioptila californica californica	Threatened	Carlsbad Fish and Wildlife Office		
Birds	Southwestern willow flycatcher	Empidonax traillii extimus	Endangered	Arizona Ecological Services Field Office	Final Recovery Plan for the Southwestern Willow Flycatcher	Final
Crustaceans	Riverside fairy shrimp	Streptocephalus woottoni	Endangered	Carlsbad Fish and Wildlife Office	Vernal Pools of Southern California Recovery Plan	Final
Crustaceans	Vernal pool fairy shrimp	Branchinecta lynchi	Threatened	Sacramento Fish and Wildlife Office	Recovery Plan for Vernal Pool Ecosystems of California and Southern Oregon	Final
Fishes	Desert pupfish	Cyprinodon macularius	Endangered	Arizona Ecological Services Field Office	Desert Pupfish (Cyprinodon macularius) Recovery Plan	Final
Fishes	Razorback sucker	Xyrauchen texanus	Endangered	Upper Colorado River Endangered Fish Recovery	Razorback Sucker - Recovery Goals	Final Revision 1
Fishes	Santa Ana sucker	Catostomus santaanae	Threatened	Carlsbad Fish and Wildlife Office	Draft Recovery Plan for the Santa Ana Sucker (Catostomus santaanae)	Draft
Flowering Plants	San Diego ambrosia	Ambrosia pumila	Endangered	Carlsbad Fish and Wildlife Office		
Flowering Plants	Del Mar manzanita	Arctostaphylos glandulosa ssp. crassifolia	Endangered	Carlsbad Fish and Wildlife Office		
Flowering Plants	Braunton's milk-vetch	Astragalus brauntonii	Endangered	Ventura Fish and Wildlife Office	Recovery Plan for Six Plants from the Mountains Surrounding the Los Angeles Basin	Final
Flowering Plants	Nevin's barberry	Berberis nevinii	Endangered	Carlsbad Fish and Wildlife Office		
Flowering Plants	Thread-leaved brodiaea	Brodiaea filifolia	Threatened	Carlsbad Fish and Wildlife Office		
Flowering Plants	San Diego button-celery	Eryngium aristulatum var. parishii	Endangered	Carlsbad Fish and Wildlife Office	Vernal Pools of Southern California Recovery Plan	Final
Flowering Plants	California Orcutt grass	Orcuttia californica	Endangered	Carlsbad Fish and Wildlife Office	Vernal Pools of Southern California Recovery Plan	Final
Flowering Plants	Hidden Lake bluecurls	Trichostema austromontanum ssp. cooperi	Threatened	Carlsbad Fish and Wildlife Office		
Flowering Plants	Coachella Valley milk-vetch	Astragalus lentiginosus var. coachella	Endangered	Carlsbad Fish and Wildlife Office		
Flowering Plants	Santa Ana River woolly-star	Eriastrum densifolium ssp. sanctorum	Endangered	Carlsbad Fish and Wildlife Office		
Flowering Plants	Parish's daisy	Erigeron parishii	Threatened	Carlsbad Fish and Wildlife Office	San Bernardino Mountains Carbonate Plants Draft Recovery Plan	Draft
Flowering Plants	Spreading navarretia	Navarretia fossalis	Threatened	Carlsbad Fish and Wildlife Office	Vernal Pools of Southern California Recovery Plan	Final
Flowering Plants	Slender-horned spineflower	Dodecahema leptoceras	Endangered	Carlsbad Fish and Wildlife Office		
Flowering Plants	Munz's onion	Allium munzii	Endangered	Carlsbad Fish and Wildlife Office		
Flowering Plants	Triple-ribbed milk-vetch	Astragalus tricarinatus	Endangered	Carlsbad Fish and Wildlife Office		
Flowering Plants	San Jacinto Valley crownscale	Atriplex coronata var. notarioides	Endangered	Carlsbad Fish and Wildlife Office		
Flowering Plants	Gambel's watercress	Rorippa gambellii	Endangered	Ventura Fish and Wildlife Office	Recovery Plan for Marsh Sandwort (Arenaria paludicola) and Gambel's Watercress	Final
Flowering Plants	Vail Lake ceanothus	Ceanothus ophiochilus	Threatened	Carlsbad Fish and Wildlife Office		
Flowering Plants	Santa Monica Mountains dudleyea	Dudleya cymosa ssp. ovatifolia	Threatened	Ventura Fish and Wildlife Office	Recovery Plan for Six Plants from the Mountains Surrounding the Los Angeles Basin	Final
Insects	Quino checkerspot butterfly	Euphydryas editha quino (=E. e. wrighti)	Endangered	Carlsbad Fish and Wildlife Office	Recovery Plan for the Quino Checkerspot Butterfly (Euphydryas editha quino)	Final
Insects	Delhi Sands flower-loving fly	Rhaphiomidas terminatus abdominalis	Endangered	Carlsbad Fish and Wildlife Office	Delhi Sands Flower-Loving Fly (Rhaphiomidas terminatus abdominalis) Recovery Plan	Final
Insects	Casey's June Beetle	Dinacoma caseyi	Endangered	Carlsbad Fish and Wildlife Office	Recovery Outline for Casey's June Beetle (Dinacoma caseyi)	Outline
Mammals	Stephens' kangaroo rat	Dipodomys stephensi (incl. D. cascus)	Endangered	Carlsbad Fish and Wildlife Office	Draft Recovery Plan for Stephen's Kangaroo Rat (Dipodomys stephensi)	Draft
Mammals	Peninsular bighorn sheep	Ovis canadensis nelsoni	Endangered	Carlsbad Fish and Wildlife Office	Recovery Plan for Bighorn Sheep in the Peninsular Ranges, California	Final
Mammals	San Bernardino Merriam's kangaroo rat	Dipodomys merriami parvus	Endangered	Carlsbad Fish and Wildlife Office		
Reptiles	Coachella Valley fringe-toed lizard	Uma inornata	Threatened	Carlsbad Fish and Wildlife Office	Coachella Valley Fringe-toed Lizard Recovery Plan	Final
Reptiles	Desert tortoise	Gopherus agassizii	Threatened	Reno Fish and Wildlife Office	Revised Recovery Plan for the Mojave Population of the Desert Tortoise (Gopherus agassizii)	Final Revision 1