

OBJECTID	SNAME	CNAME	ELMCODE
1	Gymnogyps californianus	California condor	ABNKA03010
2	Vireo bellii pusillus	least Bell's vireo	ABPBW01114
3	Oncorhynchus mykiss irideus	steelhead - southern California DPS	AFCHA0209J
4	Nasturtium gambelii	Gambel's water cress	PDBRA270V0
5	Riparia riparia	bank swallow	ABPAU08010
6	Agelaius tricolor	tricolored blackbird	ABPBXB0020
7	Lasthenia conjugens	Contra Costa goldfields	PDAST5L040
8	Vireo bellii pusillus	least Bell's vireo	ABPBW01114
9	Thermopsis macrophylla	Santa Ynez false lupine	PDFAB3Z0E0
10	Agelaius tricolor	tricolored blackbird	ABPBXB0020
11	Riparia riparia	bank swallow	ABPAU08010
12	Anaxyrus californicus	arroyo toad	AAABB01230
13	Anaxyrus californicus	arroyo toad	AAABB01230
14	Empidonax traillii extimus	southwestern willow flycatcher	ABPAE33043
15	Thermopsis macrophylla	Santa Ynez false lupine	PDFAB3Z0E0
16	Riparia riparia	bank swallow	ABPAU08010
17	Empidonax traillii extimus	southwestern willow flycatcher	ABPAE33043
18	Vireo bellii pusillus	least Bell's vireo	ABPBW01114
19	Thermopsis macrophylla	Santa Ynez false lupine	PDFAB3Z0E0
20	Thermopsis macrophylla	Santa Ynez false lupine	PDFAB3Z0E0
21	Eucyclogobius newberryi	tidewater goby	AFCQN04010
22	Passerculus sandwichensis beldingi	Belding's savannah sparrow	ABPBX99015
23	Charadrius alexandrinus nivosus	western snowy plover	ABNNB03031
24	Rallus longirostris levipes	light-footed clapper rail	ABNME05014
25	Thermopsis macrophylla	Santa Ynez false lupine	PDFAB3Z0E0
26	Eucyclogobius newberryi	tidewater goby	AFCQN04010
27	Eucyclogobius newberryi	tidewater goby	AFCQN04010
28	Charadrius alexandrinus nivosus	western snowy plover	ABNNB03031
29	Haliaeetus leucocephalus	bald eagle	ABNKC10010
30	Empidonax traillii extimus	southwestern willow flycatcher	ABPAE33043
31	Thermopsis macrophylla	Santa Ynez false lupine	PDFAB3Z0E0
32	Thermopsis macrophylla	Santa Ynez false lupine	PDFAB3Z0E0
33	Eucyclogobius newberryi	tidewater goby	AFCQN04010
34	Eucyclogobius newberryi	tidewater goby	AFCQN04010
35	Eucyclogobius newberryi	tidewater goby	AFCQN04010
36	Agelaius tricolor	tricolored blackbird	ABPBXB0020
37	Oncorhynchus mykiss irideus	steelhead - southern California DPS	AFCHA0209J
38	Eucyclogobius newberryi	tidewater goby	AFCQN04010
39	Eucyclogobius newberryi	tidewater goby	AFCQN04010
40	Eucyclogobius newberryi	tidewater goby	AFCQN04010
41	Rana draytonii	California red-legged frog	AAABH01022
42	Rana draytonii	California red-legged frog	AAABH01022
43	Rana draytonii	California red-legged frog	AAABH01022
44	Rana draytonii	California red-legged frog	AAABH01022
45	Rana draytonii	California red-legged frog	AAABH01022
46	Charadrius alexandrinus nivosus	western snowy plover	ABNNB03031

OCCNUMBER	MAPNDX	EONDX	KEYQUAD	KQUADNAME	KEYCOUNTY	PARTS	ELMTYPE
6	14828	14757	3411966	Big Pine Mtn.	SBA	1	2
24	14609	24997	3411957	San Marcos Pass	SBA	2	2
4	25932	29798	3412053	Santa Rosa Hills	SBA	1	2
15	78618	79545	3411946	Santa Barbara	SBA	1	1
286	84163	85185	3411946	Santa Barbara	SBA	1	2
762	99553	101099	3411947	Goleta	SBA	1	2
18	14511	16728	3411947	Goleta	SBA	1	1
28	14928	12428	3411956	Little Pine Mtn.	SBA	1	2
4	14352	19021	3411958	Lake Cachuma	SBA	1	1
763	99555	101100	3411947	Goleta	SBA	1	2
120	84162	26319	3411946	Santa Barbara	SBA	1	2
11	33129	1645	3411955	Hildreth Peak	SBA	1	2
10	31215	3156	3411956	Little Pine Mtn.	SBA	1	2
33	58952	58988	3411956	Little Pine Mtn.	SBA	1	2
11	76636	77581	3411957	San Marcos Pass	SBA	1	1
287	84164	85186	3411947	Goleta	SBA	1	2
31	23547	58979	3411955	Hildreth Peak	SBA	1	2
183	23547	20422	3411955	Hildreth Peak	SBA	1	2
10	24282	7189	3411958	Lake Cachuma	SBA	1	1
9	24281	7191	3411958	Lake Cachuma	SBA	1	1
70	14426	28510	3411948	Dos Pueblos Canyon	SBA	1	2
1	23833	24658	3411947	Goleta	SBA	1	2
46	23833	25759	3411947	Goleta	SBA	1	2
5	23833	25888	3411947	Goleta	SBA	1	2
1	14291	13859	3412051	Santa Ynez	SBA	3	1
71	14435	28509	3411948	Dos Pueblos Canyon	SBA	1	2
96	36199	31196	3411946	Santa Barbara	SBA	1	2
44	25597	5481	3411946	Santa Barbara	SBA	1	2
223	41193	41193	3411958	Lake Cachuma	SBA	1	2
32	58950	58986	3411956	Little Pine Mtn.	SBA	1	2
3	14319	19028	3411958	Lake Cachuma	SBA	1	1
8	14792	19023	3411946	Santa Barbara	SBA	1	1
97	36200	31197	3411946	Santa Barbara	SBA	1	2
72	14491	13122	3411947	Goleta	SBA	1	2
99	36202	31199	3411946	Santa Barbara	SBA	1	2
761	99550	101096	3411947	Goleta	SBA	1	2
8	41376	41376	3411945	Carpinteria	SBA	1	2
98	36201	31198	3411946	Santa Barbara	SBA	1	2
100	36203	31200	3411946	Santa Barbara	SBA	1	2
109	43104	43104	3411948	Dos Pueblos Canyon	SBA	1	2
1286	76360	77333	3411948	Dos Pueblos Canyon	SBA	1	2
1007	72808	73674	3411948	Dos Pueblos Canyon	SBA	1	2
956	69095	69871	3411957	San Marcos Pass	SBA	1	2
1084	75003	76012	3411948	Dos Pueblos Canyon	SBA	1	2
644	51404	51404	3411946	Santa Barbara	SBA	1	2
129	52676	52676	3411948	Dos Pueblos Canyon	SBA	1	2

EOCOUNT	ACCURACY	PRESENCE	OCCTYPE	OCCRANK	SENSITIVE
1	specific area	Presumed Extant	Natural/Native occurrence	Unknown	N
1	nonspecific area	Presumed Extant	Natural/Native occurrence	Unknown	N
2	nonspecific area	Presumed Extant	Natural/Native occurrence	Unknown	N
1	1 mile	Extirpated	Natural/Native occurrence	None	N
1	1 mile	Extirpated	Natural/Native occurrence	None	N
1	1 mile	Presumed Extant	Natural/Native occurrence	Unknown	N
2	1 mile	Extirpated	Natural/Native occurrence	None	N
1	specific area	Presumed Extant	Natural/Native occurrence	Excellent	N
2	4/5 mile	Possibly Extirpated	Natural/Native occurrence	None	N
1	nonspecific area	Presumed Extant	Natural/Native occurrence	Unknown	N
1	3/5 mile	Extirpated	Natural/Native occurrence	None	N
1	nonspecific area	Presumed Extant	Natural/Native occurrence	Unknown	N
1	specific area	Presumed Extant	Natural/Native occurrence	Unknown	N
1	2/5 mile	Presumed Extant	Natural/Native occurrence	Good	N
1	2/5 mile	Presumed Extant	Natural/Native occurrence	Unknown	N
1	2/5 mile	Extirpated	Natural/Native occurrence	None	N
2	2/5 mile	Presumed Extant	Natural/Native occurrence	Good	N
2	2/5 mile	Presumed Extant	Natural/Native occurrence	Good	N
1	nonspecific area	Possibly Extirpated	Natural/Native occurrence	None	N
1	nonspecific area	Presumed Extant	Natural/Native occurrence	Unknown	N
1	nonspecific area	Presumed Extant	Natural/Native occurrence	Unknown	N
4	nonspecific area	Presumed Extant	Natural/Native occurrence	Good	N
4	nonspecific area	Extirpated	Natural/Native occurrence	None	N
4	nonspecific area	Extirpated	Natural/Native occurrence	None	N
1	specific area	Presumed Extant	Natural/Native occurrence	Good	N
1	nonspecific area	Presumed Extant	Natural/Native occurrence	Good	N
1	nonspecific area	Presumed Extant	Natural/Native occurrence	Unknown	N
2	nonspecific area	Extirpated	Natural/Native occurrence	None	N
1	1/5 mile	Presumed Extant	Natural/Native occurrence	Unknown	N
1	1/5 mile	Presumed Extant	Natural/Native occurrence	Good	N
1	1/5 mile	Presumed Extant	Natural/Native occurrence	Unknown	N
1	1/5 mile	Extirpated	Natural/Native occurrence	None	N
1	nonspecific area	Presumed Extant	Natural/Native occurrence	Unknown	N
1	nonspecific area	Presumed Extant	Natural/Native occurrence	Unknown	N
1	nonspecific area	Presumed Extant	Natural/Native occurrence	Fair	N
1	specific area	Presumed Extant	Natural/Native occurrence	Unknown	N
1	specific area	Presumed Extant	Natural/Native occurrence	Good	N
1	nonspecific area	Presumed Extant	Natural/Native occurrence	Unknown	N
1	nonspecific area	Presumed Extant	Natural/Native occurrence	Unknown	N
1	specific area	Presumed Extant	Natural/Native occurrence	Fair	N
1	specific area	Presumed Extant	Natural/Native occurrence	Unknown	N
1	80 meters	Presumed Extant	Natural/Native occurrence	Unknown	N
1	80 meters	Presumed Extant	Natural/Native occurrence	Excellent	N
1	80 meters	Presumed Extant	Natural/Native occurrence	Fair	N
1	80 meters	Presumed Extant	Natural/Native occurrence	Good	N
1	specific area	Presumed Extant	Natural/Native occurrence	Unknown	N

SITDATE	ELMDATE	OWNERMG	FEDLIST	CALLIST	GRANK
19750216	19750216	USFS-LOS PADRES NF, PVT	Endangered	Endangered	G1
1980XXXX	1980XXXX	UNKNOWN	Endangered	Endangered	G5T2
199302XX	199302XX	PVT, DOD-VANDENBERG AFB	Endangered	None	G5T1Q
1876XXXX	1876XXXX	UNKNOWN	Endangered	Threatened	G1
19130628	19130628	UNKNOWN	None	Threatened	G5
19710427	19710427	UNKNOWN	None	Candidate Endangered	G2G3
1973XXXX	1973XXXX	PVT	Endangered	None	G1
20130522	20040419	USFS-LOS PADRES NF, OTHER	Endangered	Endangered	G5T2
194XXXXX	194XXXXX	USFS-LOS PADRES NF	None	Rare	G1
20140420	197XXXXX	UNKNOWN	None	Candidate Endangered	G2G3
19270429	19270429	SBA COUNTY, UNKNOWN	None	Threatened	G5
2004XXXX	2004XXXX	USFS-LOS PADRES NF	Endangered	None	G2G3
1993XXXX	1993XXXX	USFS-LOS PADRES NF	Endangered	None	G2G3
199006XX	199006XX	CITY OF SANTA BARBARA	Endangered	Endangered	G5T2
19370528	19370528	UNKNOWN	None	Rare	G1
19130618	19130618	PVT	None	Threatened	G5
199106XX	199106XX	PVT-OGILVY RANCH	Endangered	Endangered	G5T2
19910507	19910507	PVT-OGILVY RANCH	Endangered	Endangered	G5T2
2000XXXX	19590723	USFS-LOS PADRES NF	None	Rare	G1
19640510	19640510	USFS-LOS PADRES NF	None	Rare	G1
1995XXXX	1995XXXX	PVT	Endangered	None	G3
20010521	20010521	CITY OF SANTA BARBARA, UC-SB	None	Endangered	G5T3
1978XXXX	1936XXXX	CITY OF SANTA BARBARA, UC-SB	Threatened	None	G3T3
2003XXXX	19720217	CITY OF SANTA BARBARA, UC-SB	Endangered	Endangered	G5T1T2
20020730	20020730	USFS-LOS PADRES NF	None	Rare	G1
19990324	19990324	PVT	Endangered	None	G3
1995XXXX	1995XXXX	CITY OF SANTA BARBARA, PVT	Endangered	None	G3
1978XXXX	1933XXXX	UNKNOWN	Threatened	None	G3T3
1996XXXX	1996XXXX	PVT	Delisted	Endangered	G5
199006XX	199006XX	USFS-LOS PADRES NF	Endangered	Endangered	G5T2
194XXXXX	194XXXXX	USFS-LOS PADRES NF	None	Rare	G1
19550520	19550520	USFS-LOS PADRES NF	None	Rare	G1
1995XXXX	1995XXXX	CITY OF SANTA BARBARA	Endangered	None	G3
20071029	20071029	UCNR-COAL OIL POINT NR	Endangered	None	G3
20081010	20081010	CITY OF SANTA BARBARA, PVT	Endangered	None	G3
20140420	1975XXXX	CITY OF SANTA BARBARA	None	Candidate Endangered	G2G3
19990614	19990614	PVT, USFS-LOS PADRES NF	Endangered	None	G5T1Q
1995XXXX	1995XXXX	CITY OF SANTA BARBARA, PVT	Endangered	None	G3
1995XXXX	1995XXXX	CITY OF SANTA BARBARA, PVT	Endangered	None	G3
200111XX	200111XX	PVT	Endangered	None	G3
20090614	20090614	PVT-THE BACARA RESORT	Threatened	None	G2G3
20081105	20081105	UNKNOWN	Threatened	None	G2G3
20070404	20070404	USFS-LOS PADRES NF	Threatened	None	G2G3
20080930	20080930	PVT	Threatened	None	G2G3
20020823	20020823	UNKNOWN	Threatened	None	G2G3
2002XXXX	2002XXXX	UC-SANTA BARBARA	Threatened	None	G3T3



## LOCATION

SISQUOC-SAN RAFAEL CONDOR AREA.

KELLY CREEK AND PARADISE CANYON, VICINITY OF SANTA YNEZ RIVER, SE OF LAKE CACHUMA.

SANTA YNEZ RIVER (PLUS LAGOON) AND TRIBS: ALISAL, BALLARD, HILTON CANYON, SALSIPUEDES (TRIBUTARIES) NEAR THE CITY OF SANTA BARBARA.

SANTA BARBARA.

SAN JOSE CREEK & MARIA YGNACIO CREEK ALONG N SIDE OF HWY 101, GOLETA, ABOUT 6.5 MI W OF ISLA VISTA TRACT, WEST OF GOLETA.

EASTERN GIBRALTAR RESERVOIR, SANTA YNEZ RIVER, AND PORTIONS OF CAMUESA CREEK AND MONTECITO CREEK, ON NORTH SIDE IN TEQUEPIS CANYON.

VICINITY OF SANTA BARBARA MUNICIPAL AIRPORT, ALONG GOLETA SLOUGH, MESCALITAN ISLAND, AND ARROYO BURRO BEACH (HENDRYS BEACH), SANTA BARBARA COUNTY.

SANTA YNEZ RIVER, HEAD OF GIBRALTAR RESERVOIR TO AQUA CALIENTE CREEK, LOS PADRES NATIONAL MONUMENT, MONO CREEK FROM GIBRALTAR RESERVOIR TO ~1700 FOOT ELEVATION & INDIAN CREEK UPSTREAM TO SANTA YNEZ RIVER AND EAST END OF GIBRALTAR RESERVOIR.

NEAR KNAPPS LODGE, SANTA YNEZ MOUNTAINS.

HOPE RANCH BEACH, WEST OF THE TOWN OF SANTA BARBARA.

ALONG MONO CREEK, NEXT TO OGILVY RANCH.

OGILVY RANCH ALONG MONO CREEK, 3.5 MILES NORTH OF MONO CAMPGROUND, WITHIN THE BOUNDARY OF 6 MILES PAST KINEVAN CANYON ON CAMINO CIELO, SANTA YNEZ MOUNTAINS.

10.2 MILES WEST OF HWY 154 (NOW = HWY 150) ON CAMINO CIELO, SANTA YNEZ MOUNTAINS.

TECOLOTE CANYON, FROM MOUTH TO 2.5 MILES UPSTREAM, APPROX 3 MILES WEST OF GOLETA.

GOLETA SLOUGH; PERIMETER OF BASIN WEST OF FOWLER STREET EXCEPT SOUTH MARGIN (UCSB BOULEVARD) GOLETA SLOUGH FLATS.

GOLETA SLOUGH MARSHES. SOUTH OF SANTA BARBARA AIRPORT & NORTH OF UC SANTA BARBARA.

WEST SLOPE OF SANTA YNEZ PEAK, FROM SUMMIT TO ABOUT 2 MILES WEST OF SANTA YNEZ PEAK AND WINCHESTER (BELL OR ELLWOOD) CANYON, FROM MOUTH TO 1.5 MILES UPSTREAM, APPROX 4 MILES WEST OF ARROYO BURRO, 3 MILES WEST OF POINT CASTILLO, SANTA BARBARA.

SANTA BARBARA BEACH.

LAKE CACHUMA TERRITORY; ALONG SANTA CRUZ CREEK, NE OF LAKE CACHUMA.

MONO CAMPGROUND ABOUT 0.5 MILE NNE OF GIBRALTAR RESERVOIR.

ALONG JEEP TRAIL IN HILTON CANYON, APPROX 2 MI TO N OF SANTA YNEZ PEAK, SANTA YNEZ MOUNTAINS.

JUNCTION OF CAMINO CIELO ROAD AND ROAD TO LA CUMBRE LOOKOUT, SANTA YNEZ MOUNTAINS.

MISSION CREEK, VICINITY OF SANTA BARBARA HARBOR AND STEARNS WHARF, SANTA BARBARA.

DEVEREAUX SLOUGH, FROM MOUTH UPSTREAM TO ABOUT PHELPS RD, 2 MI W GOLETA PT AT COAL OIL POINT, VICINITY OF DWIGHT MURPHY PARK, SANTA BARBARA.

~0.4 MI NNE OF HWY 101 & LOS CARNEROS RD INTERSECTION, 0.6 MI SSW OF LA PATERNA LN & CATARACTS SAN YSIDRO CREEK, FROM ELEVATION 500 TO 850 FEET, NORTH OF MONTECITO, LOS PADRES NATIONAL MONUMENT, LAGUNA CHANNEL, EXTENDING FROM THE SE END OF LAGUNA STREET TO SANTA BARBARA HARBOR, ANDREE CLARK BIRD REFUGE, JUST WEST OF SANTA BARBARA CEMETERY, SANTA BARBARA.

EAGLE CANYON (CREEK) LAGOON, 0.2 MILE SOUTH OF HIGHWAY 101 FROM CREEK CROSSING, 14 ROAD MILES WEST OF GOLETA, BACARA RESORT AND SPA, GOLETA.

CREEK IN BELL CANYON/WINCHESTER CANYON, AT ARMAS CANYON ROAD UPSTREAM OF HWY 101. EAGLE CANYON CREEK, SOUTH OF HWY 101, ABOUT 14 ROAD MILES WEST OF SANTA BARBARA.

CINQUEFOIL CREEK, 0.35 MILE NORTH OF THE CONFLUENCE OF HOT SPRINGS CREEK AND COLD SPRINGS CREEK, SANDY BEACH NEAR THE MOUTH OF DEVEREAUX SLOUGH. COAL OIL POINT NATURAL RESERVE.

## LOCDETAILS

1933 LOCATION DESCRIBED AS "KELLY'S CREEK." 1980 DETECTION LOCATION WAS AT "PARADISE" IN ! NO HISTORIC RECORD OF STEELHEAD IN BALLARD AND ZACA CREEKS, BUT FISH RESCUED FROM SANT EXACT LOCATION UNKNOWN. MAPPED BY CNDDDB AS BEST GUESS AROUND SANTA BARBARA.

LOCATION STATED AS "NEAR SANTA BARBARA." EXACT LOCATION UNKNOWN; MAPPED TO THE TOW LOCATION DESCRIBED ONLY AS "ALONG NORTH SIDE OF HIGHWAY 101, 6-7 MILES WEST OF SANTA B/

MAPPED TO PROVIDED MAPS. 3 EGGS COLLECTED IN 1982 (WFVZ #171421, 171425-26) & 1 NEST COI CAMP DRAKE IS NOW A BOY SCOUTS CAMP.

1973-75: "GOLETA SLOUGH, ADJACENT TO THE UNIVERSITY OF CALIFORNIA, SANTA BARBARA." 1970' LOCALITY STATED AS "IN BANK BY HENDRIES BEACH."

1980: P-BAR FLAT & EAST OF PENDOLA FLAT. 1985: N SIDE OF SANTA YNEZ RIVER. 1992: IN A POOL AT MONO CREEK AND INDIAN CREEK. POOLS MAINLY ON NORTH SIDE AND AREA OF CAMUESA ROAD CR 1 MALE DETECTED DURING ENTIRE MONTH OF JUNE AT GIBRALTAR RESERVOIR. 1-2 MALES DETECTED EXACT LOCATION UNKNOWN. HERBARIUM LABEL SAYS "EL CAPITAN NEAR KNAPPS LODGE, SANTA YN LOCATION MAPPED TO AREA OF HOPE RANCH BEACH.

MAPPED TO PROVIDED MAP AND LOCATION DESCRIPTION OF "3.5 MILES N OF MONO CAMPGROUND MAPPED ALONG WEST CAMINO CIELO NORTH OF ELLWOOD CANYON AT AROUND 2600 FT.

MAPPED ALONG WEST CAMINO CIELO TO THE EAST OF BROADCAST PEAK AT ABOUT 3400 FT.

SITE OCCUPIES 0.5-1.5 ACRES.

MOST BIRDS WERE IN THE MORE TIDALLY-INFLUENCED AREAS OF THE MARSH BUT PAIRS WERE OBSE

THIS IS THE NORTHERNMOST WETLAND WITH A RECENT RECORD OF LIGHT-FOOTED CLAPPER RAILS.

THREE POLYGONS MAPPED ALONG ROAD THROUGH THE MIDDLE OF SECTIONS 10 AND 11. A 1962 BF SITE OCCUPIES 0.5-1.5 ACRES.

SITE OCCUPIES 2.5-7.5 ACRES.

FROM WEST BEACH TO EAST BEACH.

2 MALES DETECTED AT BROADEST AREA OF FLOODPLAIN (WIDTH 300+ METERS).

SHORT DEAD END ON RIDGE.

SITE OCCUPIES 0.5 TO 1.5 ACRES.

2007: DEVEREUX BRIDGE PROJECT AT VENOCO RD, PHELPS CREEK BRIDGE PROJECT AT MAYMOUNT V SITE OCCUPIES 0.25 TO 1.0 ACRES. 2008 DETECTIONS IN VICINITY OF HIGHWAY 101 BRIDGE, WHICH V 1975 LOCATION REPORTED ONLY AS "LAKE LOS CARNEROS, GOLETA." COLONY DATA STORED IN THE I ADJACENT AREAS ARE RESIDENTIAL AND COMMERCIAL AT LOWER ELEVATIONS, WITH NATIONAL FOR SITE OCCUPIES 0.25 TO 1.0 ACRES.

SITE OCCUPIES 0.25 TO 1.0 ACRES. POPULATION IS INTERMITTENT; AT TIMES APPARENTLY EXTIRPATE LAGOON AT CREEK MOUTH. ABANDONED OIL FIELD TO BE DEVELOPED INTO GOLF COURSE ON BLUFF TECOLOTE CREEK WAS SURVEYED FROM THE POINT AT WHICH IT ENTERS THE OCEAN TO THE RAILRO FROGS FOUND IN VICINITY OF CULVERT AND RELOCATED DOWNSTREAM NEAR THE FOOTBRIDGE.

THIS DRAINAGE CROSSES THE OLD MCCORMICK ESTATE, AT 725 ROCKBRIDGE ROAD.

## ECOLOGICAL

1933 NEST CONSTRUCTED IN A WILLOW TREE, 2 FEET FROM GROUND. NEST WAS CONSTRUCTED OF THE LAGOON, RIVER AND MOST OF ITS TRIBS WERE BELIEVED USED BY STEELHEAD HISTORICALLY. PRI

NEST WAS LOCATED "2 FEET IN IN SAND WALL, 30 FEET ABOVE TALUS."

PONDS WITH CATTAIL AND BULRUSH SURROUNDED BY NONIRRIGATED GRASSLANDS. WATER 2-5 FEE IN A VERNAL FLAT ABOVE THE OCEAN IN A CULTIVATED GRAIN FIELD.

SOUTHERN COTTONWOOD-WILLOW RIPARIAN FOREST. UNDERSTORY: BACCHARIS VIMINEA, ROSA CA REPORTED "ALONG STREAM" IN 1932. SEEN "ABOUT CAMP DRAKE WOODLAND ON NORTH SIDE" OF EXACT LOCATIONS OF COLONIES UNKNOWN. MAPPED ACCORDING TO BEST GUESS FROM PROVIDED

POPULATION ESTIMATED TO BE ABOUT 130 ADULTS IN 2004 (USF06R0002).

50+ ADULTS AND 23 CLUTCHES, EST POP SIZE OF 250 INDIAN CREEK TO MONO CREEK JCT. MONO CRE SOUTHERN COTTONWOOD-WILLOW RIPARIAN FOREST; AGE STRUCTURE: MANY THICKETS OF SAPLIN

NEST "IN BANK, LINED WITH THE CHEAPEST KIND OF UPLAND TRASH, GRASS, CORN HUSKS AND THE L HABITAT CONSISTS OF COTTONWOOD MULEFAT WILLOW OAK CHAPARRAL-MIX IN CREEK BOTTOM A HABITAT CONSISTED OF AN OPEN OAK/COTTONWOOD/SYCAMORE/WILLOW RIPARIAN SWALE IN AN GROWING IN DRY CHAPARRAL ON ADOBE SOIL. AREA BURNED IN 1955.

GROWING ON ROCKY SOIL.

146 HA SALTMARSH. IN 1991 IT WAS NOTED THAT ALL THE SALICORNIA IN SEVERAL LARGE WETLAND

IN OPEN DISTURBED GROUND AND ALONG FUELBREAK. OFTEN IN LARGE CLUMPS. IN OPEN CHAPARR MAIN HABITAT CONSISTS OF A SMALL COASTAL LAGOON, CONTAINING CONSIDERABLE DEBRIS, ADJAC

SOUTHERN COTTONWOOD-WILLOW RIPARIAN FOREST; MANY SAPLING TO MATURE TREE THICKETS;

AN INTERMITTENT POPULATION; AT TIMES APPARENTLY EXTIRPATED OR AT UNDETECTABLE LEVELS ( HABITAT INFORMATION NOT PROVIDED.

PALUSTRINE FORESTED (ARROYO WILLOW SERIES). STREAM HAS BOULDER, COBBLE SUBSTRATE.

SAND /SILT SUBSTRATE IN DEEPER WATER CLOSEST TO OCEAN & EMBEDDED COBBLES IN SHALLOWE

HABITAT CONSISTS OF A CREEK CONTAINING PERENNIAL POOLS. CREEK IS WITHIN AN INTACT MATUR PERENNIAL STREAM WITH WOODLAND OVERSTORY OF COAST LIVE OAK, WESTERN SYCAMORE, AND HABITAT CONSISTS OF A SMALL DRAINAGE WITH A SERIES OF SMALL-TO MEDIUM-SIZED MAN-MADE ROPE FENCES HAVE BEEN ERECTED TO HELP PROTECT A 400 YARD STRETCH OF DRY SAND NEAR THE S



**THREAT**

POTENTIALLY THREATENED BY RECREATIONAL ACTIVITIES.

EROSION, SILTATION, DAMS, WATER DIVERSION, UNDER GROUND PUMPING, DECREASED FLOWS ON DEVELOPMENT.

IN 1973, ONLY TWO REMNANTS OF VERNAL FLAT REMAINED. PLANTS NOW THOUGHT TO BE EXTIRPA  
COWBIRD PARASITISM (CONTROL ENDED IN LATE 1990'S). HEAVY FLOOD DAMAGE IN 1982-83 (INUNI  
DOMINATED BY DENSE CHAPARRAL OR CLEARED ANNUALLY FOR FIRE CONTROL. POTENTIALLY AFEC

RECREATION, EXOTIC SPECIES.

RECREATION, ORV.

NO GRAZING; ONLY FOOT TRAFFIC FROM HIKERS.

POTENTIALLY THREATENED BY WILDFIRES AND FLOODING.

PERIODIC INLET CLOSURE AND POOR TIDAL FLOW. RACCOON, DOG AND HUMAN TRACKS OBS. FERAL C

THREATS INCLUDE EXOTIC GRASSES IN THE OPEN AREAS. POTENTIAL FOR ROAD GRADING AND OFF R

HABITAT NOW UNSUITABLE DUE TO HUMAN DISTURBANCE AND DEVELOPMENT.

THREATENED BY INUNDATION IN 1987.

HABITAT LOSS, SILTATION, CHANNELIZATION, CONSTRUCTION (2008).

FLOOD CONTROL DEBRIS BASIN/ MAINTENANCE ACTIVITIES & OTHER STREAMBANK STABILIZATION PI

SEDIMENT DEPOSTION PARTIALLY FILLED LAGOON FROM EROSION IN WATERSHED AND CREEK BANK;  
DEVELOPMENT. NO BULLFROGS WERE DETECTED DURING THE SURVEY.

CITY IS REPAIRING THE ROAD & CULVERT UNDER EMERGENCY AUTHORIZATION FROM THE COE.

NON-NATIVE VEGETATION, AGRICULTURAL & URBAN RUNNOFF, TRESPASSING.

THREATENED BY THE PRESENCE OF MOSQUITO FISH AND GOLDFISH IN SEVERAL PONDS.

RECREATIONAL USE AND PREDATION BY CROWS.

## GENERAL

### YEAR-LONG USE.

3 EGGS COLLECTED ON 17 JUN 1933 BY L.T. STEVENS, WVFZ #31980 (WESTERN FEATURE). 1 TERRITORY FLOWS BELOW LAKE CACHUMA WERE NOT MAINTAINED WHEN THE DAM WAS BUILT, NO MITIGATION TYPE LOCALITY. ONLY SOURCE OF INFORMATION FOR THIS SITE IS AN 1876 GAMBEL COLLECTION. OC AV 24474 (3 EGGS) AND AV 24475 (4 EGGS) COLLECTED ON 28 JUN 1913. CONSIDERED EXTIRPATED ABOUT 1,000+ BIRDS OBSERVED ON 27 APR 1971; THREE LOCATIONS WITHIN 1.5 MILE RADIUS. SUCCESS INCLUDES FORMER OCCURRENCE #17 WHICH SAID, "RINCON RANCH, GOLETA AREA". CAN'T FIND RIN 1977-82: 13-54 PAIRS (PR) & 85-91 FLEDGLINGS. '83: 38 PR. '87: 51 ADULTS (A) & 65 NESTLINGS (N). '88 BORCHERT SUGGESTS PROPOSED LAKE CACHUMA DAM RAISE MAY POTENTIALLY AFFECT THIS SITE ABOUT 50 PAIRS OBSERVED FROM 1973-1975. ABOUT 200 INDIVIDUALS OBSERVED IN THE LATE 1970S WVFZ EGG SET: 6 EGGS COLLECTED FROM A NEST IN A BANK BY LAWRENCE STEVENS ON 29 APR 1927 SEVERAL SPECIMENS AT UCSB INCLUDING EGGS COLLECTED BY SWEET ON 24 & 26 MAR 1985. 12+ AD 9 ADS/1 LARVA COLL (CAS #190943-51, 191051), 11 MAY 1966. UCSB SPECIMEN #31727, 31732 (EGGS 2-3 MALES DETECTED DURING JUNE 1990 AT GIBRALTER RESERVOIR. WATER ABUNDANT IN AREA DUE ONLY SOURCE OF INFORMATION FOR THIS SITE IS A 1937 VAN RENSSELAER COLLECTION. NEEDS FIELD AV 24473 (3 EGGS AND NEST) COLLECTED ON 18 JUN 1913. CONSIDERED EXTIRPATED AS A BREEDER IN 1 ADULT DETECTED IN 1991. SITE IS USED FOR BREEDING. THIS LOCATION IS SURROUNDED BY THE LOCALITY 2 PAIRS AND 1 TERRITORIAL MALE OBSERVED, WITH UP TO 11 EGGS AND 5 YOUNG FLEDGED IN 1989 HERB LABEL GIVES 3500-4000 FEET ELEVATION. WILKEN CHECKED THIS OCCURRENCE OVER A FOUR YEAR PERIOD SPECIES NOTED AS ABUNDANT WHEN COLLECTED IN 1963 & 1964. NEEDS FIELDWORK.

LACM 42339-1, COLLECTED 1/27/81. POP EXTANT IN MID-1984. NONE FOUND IN 1990, POSSIBLY DUE TO 50 PAIRS ESTIMATED IN 1973, 28 PAIRS ESTIMATED IN 1977, 50 PAIRS ESTIMATED IN 1986. 81 PAIRS IN TWO MUSEUM EGG SETS COLLECTED BETWEEN 1934 AND 1936. SUITABLE HABITAT IS PRESENT AT THE SITE NO RAILS OBS IN THE SLOUGH SINCE 1972. HABITAT DETERIORATED & WILL NOT BE SUITABLE WITHOUT MITIGATION TYPE LOCALITY. AREA BURNED IN 1955 AND 1980. 200 PLANTS IN WESTERNMOST POLYGON AND 300 IN SBMNH #1077. UNKNOWN NUMBER COLLECTED 9/25/84. POP PRESUMED EXTANT IN 1990 BY SWIFT GOBIES LAST COLLECTED IN 1995. THIS IS A RELATIVELY LARGE POPULATION THAT, ALTHOUGH SHRINKING SINCE FIFTEEN EGG SETS COLLECTED BETWEEN 1891 AND 1933; NO NESTING ACTIVITY IN 1978. SITE STILL USED FOR 2 YOUNG FLEDGED IN 1990. UNOCCUPIED IN 1991. OCCUPIED/UNSUCCESSFUL IN 1992. 1 FLEDGED IN 1993 2 MALES DETECTED DURING 1990. SPECIES POSSIBLY BREEDING AT THIS LOCATION. WATER ABUNDANT IN AREA SP SEEN IN "1940'S". BORCHERT SUGGESTS PROPOSED LAKE CACHUMA DAM RAISE HAS POTENTIAL TO AFFECT THIS SITE SEEN IN 1955. BORCHERT IS CERTAIN THAT THERE ARE NO PLANTS AT THIS SITE.

SITE DISCOVERED/COLLECTED IN 1993 BY AMBOSE AND LAFFERTY. GOBIES LAST COLLECTED HERE IN SBMNH 00592, COLLECTED 3/1/68. UNKNOWN NUMBER COLLECTED IN 1984. POP PRESUMED EXTANT IN 1990 SITE DISCOVERED/COLLECTED IN 1993 BY AMBROSE AND LAFFERTY. COLLECTED IN 1995. 2 SUBADULTS SEVERAL HUNDRED PAIRS OBSERVED IN 1975 (ROTHSTEIN PERS. COMM.), PROBABLY A NESTING SITE IN 1999 100 JUVENILES OBSERVED, WHILE SURVEYING FOR RED-LEGGED FROGS, 1999.

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5 ADULTS CAPTURED & RELEASED, MORE LIKELY TO BE PRESENT. LAGOON SIZE DEPENDS ON WATER LEVEL DURING A NOCTURNAL SURVEY, APPROX 12 CRLF WERE DETECTED. ALL APPEARED TO BE OF SIMILAR SPECIES CRLF OBS IN AREA IN OCT 2008. 4 NOV 2008: 7 ADULTS OBS NEAR WORK AREA 4 JUVENILES & 1 TADPOLE 1 ADULT OBSERVED ALONG THE SE CREEK BANK ON THE NIGHT OF 4 APR 2007.

3 ADULTS AND 5 JUVENILES OBSERVED ON 30 SEP 2008.

3 JUVENILE FROGS AND 10 TADPOLES OBSERVED ON 23 AUG 2002.

UP TO 180 PLOVERS REGULARLY ROOST/WINTER HERE, BUT NO BREEDING SINCE 1960'S. JUNE 2001:

AREA	PERIMETER	AVLCODE	Symbology	Shape_Length	Shape_Area	Carto_Group
182105416.5	69699.56716	20201	202	69727.1365	182236412.9	Birds
16074372.74	20102.88898	20301	203	20111.5124	16088171.7	Birds
15678804.74	194978.4932	20302	803	195139.249	15701604.46	Fish
8042068.934	10052.96893	10901	109	10056.56756	8047825.851	Plant
8042068.906	10052.96891	20901	209	10056.48649	8047696.147	Birds
8042068.815	10052.96885	20901	209	10057.2142	8048860.622	Birds
7991448.211	10033.90427	10902	809	10038.46493	7998716.315	Plant
6359915.073	34667.73977	20201	202	34679.44481	6364054.176	Birds
5309022.032	8168.037222	10802	808	8172.178517	5314405.032	Plant
3854641.66	16225.81941	20301	203	16233.83365	3858042.685	Birds
3141432.855	6283.105273	20701	207	6285.517916	3143845.26	Birds
1787378.174	18948.644	20301	203	18956.23629	1788457.642	Amphibians
1716228.45	20211.35734	20201	202	20217.11467	1717311.115	Amphibians
1130894.687	3769.852792	20601	206	3771.064878	1131621.669	Birds
1130892.826	3769.847663	10601	106	3771.395056	1131821.048	Plant
1130890.877	3769.842448	20601	206	3771.360691	1131801.726	Birds
1123454.039	3762.13945	20602	806	3763.301273	1124148.415	Birds
1123454.039	3762.13945	20602	806	3763.301273	1124148.415	Birds
1001541.383	5575.940847	10301	103	5579.23311	1002474.874	Plant
957137.0674	5152.711386	10301	103	5156.162647	958095.3212	Plant
842171.5818	10577.6954	20301	203	10579.93676	842988.8076	Fish
742613.7454	4062.183133	20304	803	4064.242933	743271.0533	Birds
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742613.7454	4062.183133	20304	803	4064.242933	743271.0533	Birds
597228.5775	7863.88879	10201	102	7869.903995	597864.9606	Plant
492535.8152	6351.848551	20301	203	6354.773962	493007.562	Fish
472392.2065	6077.037345	20301	203	6079.10869	472752.9646	Fish
441995.3288	9895.120882	20302	803	9900.125397	442306.0324	Birds
282725.1206	1884.918788	20501	205	1885.799285	282989.2002	Birds
282659.3719	1884.815649	20501	205	1885.414989	282839.0698	Birds
280991.1853	1881.497245	10501	105	1882.480191	281284.9552	Plant
280911.4611	1881.230229	10501	105	1881.917953	281116.957	Plant
271255.7886	3637.329576	20301	203	3639.389996	271449.2655	Fish
237948.6577	4732.308284	20301	203	4734.271626	238168.3668	Fish
224716.6547	3056.065653	20301	203	3056.841987	224870.6753	Fish
187444.5555	2412.865492	20201	202	2413.983894	187611.2842	Birds
184038.8963	2551.004857	20201	202	2551.171356	184155.0629	Fish
131493.9696	1894.130139	20301	203	1894.514663	131586.4048	Fish
114310.107	1964.107929	20301	203	1965.081457	114387.1927	Fish
55075.21627	940.254934	20201	202	940.5663102	55129.55387	Fish
37133.48224	716.1152742	20201	202	716.3898424	37169.58622	Amphibians
20023.32397	502.1364014	20101	201	502.3768031	20042.49585	Amphibians
20023.32386	502.1364014	20101	201	502.3549724	20040.75212	Amphibians
20023.32384	502.1363941	20101	201	502.384043	20043.07431	Amphibians
20023.32345	502.1363998	20101	201	502.3022962	20036.55096	Amphibians
15920.89808	706.9364006	20201	202	707.1672541	15935.68525	Birds