

Allium hickmanii

Hickman's onion

Element Code: PMLIL02140

Status _____ NDDB Element Ranks _____ Other Lists _____
 Federal: None Global: G2 CNPS List: 1B.2
 State: None State: S2.2

Habitat Associations

General: CLOSED-CONE CONIFEROUS FOREST, CHAPARRAL, COASTAL SCRUB, VALLEY AND FOOTHILL GRASSLAND, COASTAL PRAIRIE.
 Micro: SANDY LOAM, DAMP GROUND AND VERNAL SWALES; MOSTLY IN GRASSLAND THOUGH CAN BE ASSOC. WITH CHAPARRAL OR WOODLAND. 20-200M

Occurrence No. 18 Map Index: 10582 EO Index: 21834 Dates Last Seen _____
 Occ Rank: Unknown Element: 1985-XX-XX
 Origin: Natural/Native occurrence Site: 1985-XX-XX
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1998-08-18

Quad Summary: Salinas (3612166/365B)

County Summary: Monterey

Lat/Long: 36.63527° / -121.74678° Township: 15S
 UTM: Zone-10 N4055144 E612039 Range: 02E
 Radius: 1/10 mile Mapping Precision: NON-SPECIFIC Section: 09 Qtr: XX
 Elevation: 450 ft Symbol Type: POINT Meridian: M

Location: MACHINE GUN FLATS, SOUTHWEST OF EAST GARRISON AT FORMER FORT ORD MILITARY RESERVATION.

Ecological: PLANTS IN LARGE VERNAL SWALE ASSOCIATED WITH CALOCHORTUS UNIFLORUS.

Threat: ABOUT 50% OF AREA GRADED FOR PARACHUTE DROP SITE.

Owner/Manager: UNKNOWN

Occurrence No. 24 Map Index: 39460 EO Index: 34462 Dates Last Seen _____
 Occ Rank: Unknown Element: 1989-09-21
 Origin: Natural/Native occurrence Site: 1989-09-21
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1998-08-18

Quad Summary: Salinas (3612166/365B)

County Summary: Monterey

Lat/Long: 36.64163° / -121.71988° Township: 15S
 UTM: Zone-10 N4055881 E614435 Range: 02E
 Area: 9.1 acres Mapping Precision: SPECIFIC Section: 11 Qtr: XX
 Elevation: 200 ft Symbol Type: POLYGON Meridian: M

Location: SOUTHEAST OF EAST GARRISON ABOUT 0.7 MILE WEST OF RESERVATION ROAD AT DAVIS ROAD, FORMER FORT ORD MILITARY RESERVATION.

Location Detail: ALONG SOUTH SIDE OF CRESCENT BLUFF ROAD.

Threat: FORMERLY THREATENED BY BUNKER BUILDING PROJECT; PRESUMABLY THIS IS NO LONGER A THREAT.

General: MAIN SOURCE OF INFORMATION FOR THIS SITE IS MAP DETAIL.

Owner/Manager: UNKNOWN



Ambystoma californiense

California tiger salamander

Element Code: AAAAA01180

Status	NDDB Element Ranks	Other Lists
Federal: Threatened	Global: G2G3	CDFG Status: SC
State: None	State: S2S3	

Habitat Associations

General: CENTRAL VALLEY DPS LISTED AS THREATENED. SANTA BARBARA & SONOMA COUNTY DPS LISTED AS ENDANGERED.
Micro: NEED UNDERGROUND REFUGES, ESPECIALLY GROUND SQUIRREL BURROWS & VERNAL POOLS OR OTHER SEASONAL WATER SOURCES FOR BREEDING

Occurrence No. 250	Map Index: 26012	EO Index: 1758	Dates Last Seen
Occ Rank: Unknown			Element: 1995-02-24
Origin: Natural/Native occurrence			Site: 1995-02-24
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 1996-04-23

Quad Summary: Salinas (3612166/365B), Marina (3612167/366A)
County Summary: Monterey

Lat/Long: 36.63829° / -121.75223°	Township: 15S
UTM: Zone-10 N4055473 E611548	Range: 02E
Area:	Section: 9 Qtr: XX
Elevation: 430 ft	Meridian: M

Mapping Precision: NON-SPECIFIC
Symbol Type: POLYGON

Location: WESTERN-MOST POOL ON MACHINE GUN FLATS, FORT ORD MILITARY RESERVATION.
Location Detail: IN 1995-WATER DEPTH: 29 INCHES, SURFACE AREA: ~20,000 SQ FEET.
Ecological: HABITAT CONSISTS OF A LARGE VERNAL POOL WITHIN A VERNAL POOL COMPLEX; UPLAND HABITAT CONSISTS OF OAK WOODLAND & COASTAL SCRUB.
Threat: POSSIBLE THREAT OF DEVELOPMENT AFTER BASE CLOSURE.
General: 5/28/1991-CTS PRESENT AT SHAFFER SITE #252, NUMBER AND LIFESTAGE UNKNOWN; 1992-CTS OBSERVED BY JSA, MAPPED BASED ON PROVIDED GRAPHICS IN REPORT, WILDLIFE TEXT MISSING FROM REPORT; 2/24/1995-CTS LARVAE PRESENT DURING SURVEY FOR FAIRY SHRIMP.
Owner/Manager: BLM-FORT ORD

Occurrence No. 251	Map Index: 26013	EO Index: 1784	Dates Last Seen
Occ Rank: Unknown			Element: 1992-XX-XX
Origin: Natural/Native occurrence			Site: 1992-XX-XX
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 1996-04-23

Quad Summary: Salinas (3612166/365B)
County Summary: Monterey

Lat/Long: 36.63522° / -121.74681°	Township: 15S
UTM: Zone-10 N4055138 E612036	Range: 02E
Area:	Section: 9 Qtr: XX
Elevation: 450 ft	Meridian: M

Mapping Precision: NON-SPECIFIC
Symbol Type: POLYGON

Location: EASTERN-MOST POOL ON MACHINE GUN FLATS, FORT ORD MILITARY RESERVATION.
Ecological: HABITAT CONSISTS OF A LARGE VERNAL POOL WITHIN A VERNAL POOL COMPLEX.
General: SHAFFER SITE #253, CTS PRESENT ON 28 MAY 1991, NUMBER AND LIFESTAGE UNKNOWN; 1992-CTS OBSERVED BY JONES & STOKES ASSOCIATES, MAPPED BASED ON GRAPHICS PROVIDED IN REPORT, WILDLIFE TEXT IS MISSING IN REPORT.
Owner/Manager: BLM-FORT ORD

Occurrence No. 340	Map Index: 32559	EO Index: 1785	Dates Last Seen
Occ Rank: Unknown			Element: 2003-02-13
Origin: Natural/Native occurrence			Site: 2003-02-13
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 2003-12-18

Quad Summary: Salinas (3612166/365B)
County Summary: Monterey

Lat/Long: 36.64562° / -121.73937°	Township: 15S
UTM: Zone-10 N4056301 E612686	Range: 02E
Area: 4.6 acres	Section: 03 Qtr: XX
Elevation: 340 ft	Meridian: M

Mapping Precision: SPECIFIC
Symbol Type: POLYGON

Location: BETWEEN MACHINE GUN FLATS AND EAST GARRISON, FORT ORD MILITARY RESERVATION.
Location Detail: 2003: CALLED "FAR EAST" POND, 1995: CALLED POND #5; WATER DEPTH: VARIED FROM 30-40 INCHES, SURFACE AREA: VARIED FROM ~75,000 TO ~300,000 SQ FEET; WATER HAS REDDISH TINGE TO IT.
Ecological: VERNAL POOL WITH VEGETATION/SOIL SUBSTRATE; UPLAND HABITAT CONSISTS OF OAK WOODLAND.
General: 3/10/1995-SALAMANDER LARVAE, MULTIPLE AGE CLASSES PRESENT; 3/24/95: 8-15 SALAMANDER LARVAE PRESENT, RANGE IN SIZE FROM 1-3 INCHES IN LENGTH; CALIFORNIA LINDERIELLA PRESENT IN LOW ABUNDANCE. 19 JUVENILES OBSERVED ON 13 FEB 2003.
Owner/Manager: BLM-FORT ORD

Ambystoma californiense

California tiger salamander

Element Code: AAAAA01180

Status
 Federal: Threatened
 State: None

NDDB Element Ranks
 Global: G2G3
 State: S2S3

Other Lists
 CDFG Status: SC

Habitat Associations

General: CENTRAL VALLEY DPS LISTED AS THREATENED. SANTA BARBARA & SONOMA COUNTY DPS LISTED AS ENDANGERED

Micro: NEED UNDERGROUND REFUGES, ESPECIALLY GROUND SQUIRREL BURROWS & VERNAL POOLS OR OTHER SEASONAL WATER SOURCES FOR BREEDING

Occurrence No. 536 **Map Index:** 45813 **EO Index:** 45813 **Dates Last Seen**
Occ Rank: Unknown **Element:** 1952-XX-XX
Origin: Natural/Native occurrence **Site:** 1952-XX-XX
Presence: Presumed Extant
Trend: Unknown **Record Last Updated:** 2001-09-04

Quad Summary: Salinas (3612166/365B)

County Summary: Monterey

Lat/Long: 36.67773° / -121.65550° **Township:** 14S
UTM: Zone-10 N4059965 E620134 **Range:** 03E
Radius: 1 mile **Mapping Precision:** NON-SPECIFIC **Section:** 32 **Qtr:** XX
Elevation: 40 ft **Symbol Type:** POINT **Meridian:** M

Location: SALINAS.

Location Detail: NO OTHER LOCATION INFORMATION GIVEN.

General: COLLECTED SPRING 1952: CAS# 187386, ADULT. FROM SAN JOSE STATE UNIVERSITY COLLECTION.

Owner/Manager: UNKNOWN

Occurrence No. 742 **Map Index:** 53624 **EO Index:** 53624 **Dates Last Seen**
Occ Rank: Excellent **Element:** 2003-02-13
Origin: Natural/Native occurrence **Site:** 2003-02-13
Presence: Presumed Extant
Trend: Unknown **Record Last Updated:** 2003-12-18

Quad Summary: Salinas (3612166/365B), Marina (3612167/366A)

County Summary: Monterey

Lat/Long: 36.64291° / -121.75148° **Township:** 15S
UTM: Zone-10 N4055986 E611607 **Range:** 02E
Area: 4.0 acres **Mapping Precision:** SPECIFIC **Section:** 09 **Qtr:** XX
Elevation: 357 ft **Symbol Type:** POLYGON **Meridian:** M

Location: 0.6 MILE NW OF MACHINE GUN FLATS, FORT ORD

Location Detail: POOL NAME GIVEN AS "LONG"

Ecological: HABITAT CONSISTS OF A VERNAL POOL WITHIN GRASSLAND/OAK WOODLAND.

General: 23 JUVENILES OBSERVED ON 13 FEB 2003.

Owner/Manager: BLM-FORT ORD

Occurrence No. 743 **Map Index:** 53625 **EO Index:** 53625 **Dates Last Seen**
Occ Rank: Excellent **Element:** 2003-02-13
Origin: Natural/Native occurrence **Site:** 2003-02-13
Presence: Presumed Extant
Trend: Unknown **Record Last Updated:** 2003-12-18

Quad Summary: Salinas (3612166/365B)

County Summary: Monterey

Lat/Long: 36.64587° / -121.74552° **Township:** 15S
UTM: Zone-10 N4056321 E612135 **Range:** 02E
Radius: 80 meters **Mapping Precision:** SPECIFIC **Section:** 04 **Qtr:** XX
Elevation: 305 ft **Symbol Type:** POINT **Meridian:** M

Location: 0.7 MILE NORTH OF MACHINE GUN FLATS, FORT ORD

Location Detail: POOL NAME GIVEN AS "TWIN A"

Ecological: HABITAT CONSISTS OF A VERNAL POOL WITHIN GRASSLAND/OAK WOODLAND.

General: 23 JUVENILES OBSERVED ON 13 FEB 2003.

Owner/Manager: BLM-FORT ORD

Ambystoma californiense

California tiger salamander

Element Code: AAAAA01180

Status _____ **NDDB Element Ranks** _____ **Other Lists** _____
 Federal: Threatened **Global:** G2G3 **CDFG Status:** SC
 State: None **State:** S2S3

Habitat Associations

General: CENTRAL VALLEY DPS LISTED AS THREATENED. SANTA BARBARA & SONOMA COUNTY DPS LISTED AS ENDANGERED.
Micro: NEED UNDERGROUND REFUGES, ESPECIALLY GROUND SQUIRREL BURROWS & VERNAL POOLS OR OTHER SEASONAL WATER SOURCES FOR BREEDING

Occurrence No. 744 **Map Index:** 53626 **EO Index:** 53626 **Dates Last Seen** _____
Occ Rank: Excellent **Element:** 2003-02-13
Origin: Natural/Native occurrence **Site:** 2003-02-13
Presence: Presumed Extant
Trend: Unknown **Record Last Updated:** 2003-12-18

Quad Summary: Salinas (3612166/365B)
County Summary: Monterey

Lat/Long: 36.64649° / -121.74799° **Township:** 15S
UTM: Zone-10 N4056388 E611914 **Range:** 02E
Radius: 80 meters **Mapping Precision:** SPECIFIC **Section:** 04 **Qtr:** XX
Elevation: 305 ft **Symbol Type:** POINT **Meridian:** M

Location: 0.65 MILE NNW OF MACHINE GUN FLATS, FORT ORD
Location Detail: POOL NAME GIVEN AS "TWIN B"
Ecological: HABITAT CONSISTS OF A VERNAL POOL WITHIN GRASSLAND/OAK WOODLAND.
General: 24 JUVENILES OBSERVED ON 13 FEB 2003.
Owner/Manager: BLM-FORT ORD

Occurrence No. 745 **Map Index:** 53629 **EO Index:** 53629 **Dates Last Seen** _____
Occ Rank: Excellent **Element:** 2006-03-06
Origin: Natural/Native occurrence **Site:** 2006-03-06
Presence: Presumed Extant
Trend: Unknown **Record Last Updated:** 2006-03-09

Quad Summary: Salinas (3612166/365B)
County Summary: Monterey

Lat/Long: 36.63425° / -121.74946° **Township:** 15S
UTM: Zone-10 N4055028 E611801 **Range:** 02E
Area: 8.6 acres **Mapping Precision:** SPECIFIC **Section:** 09 **Qtr:** XX
Elevation: 470 ft **Symbol Type:** POLYGON **Meridian:** M

Location: JUST WEST OF MACHINE GUN FLATS, FORT ORD
Location Detail: "COYOTE" & "BULLFROG" ARE TWO ADJACENT VERNAL POOLS.
Ecological: HABITAT CONSISTS OF VERNAL POOLS WITHIN GRASSLAND/OAK WOODLAND. MACHINE GUN FLAT IS TOPOGRAPHICALLY BELOW A SERIES OF MIMA MOUND COMPLEXES, SURROUNDED ON 3 SIDES BY MARITIME CHAPARRAL OR MIXED LIVE, OAK WOODLAND/CHAPARRAL.
General: 22 JUVENILES OBSERVED IN "COYOTE" AND 19 JUVENILES OBSERVED IN "BULLFROG" ON 13 FEB 2003. 1 LARVA OBSERVED ON 6 MAR 2006 IN THE CRATER JUST WEST OF THE MAIN VERNAL POOL.
Owner/Manager: BLM-FORT ORD

Occurrence No. 746 **Map Index:** 53632 **EO Index:** 53632 **Dates Last Seen** _____
Occ Rank: Excellent **Element:** 2003-02-13
Origin: Natural/Native occurrence **Site:** 2003-02-13
Presence: Presumed Extant
Trend: Unknown **Record Last Updated:** 2003-12-18

Quad Summary: Salinas (3612166/365B)
County Summary: Monterey

Lat/Long: 36.63544° / -121.74679° **Township:** 15S
UTM: Zone-10 N4055163 E612037 **Range:** 02E
Area: 7.0 acres **Mapping Precision:** SPECIFIC **Section:** 09 **Qtr:** XX
Elevation: 460 ft **Symbol Type:** POLYGON **Meridian:** M

Location: MACHINE GUN FLATS, FORT ORD
Location Detail: "MACHINE GUN FLATS" POND
Ecological: HABITAT CONSISTS OF VERNAL POOLS WITHIN GRASSLAND/OAK WOODLAND.
General: 14 JUVENILES OBSERVED ON 13 FEB 2003.
Owner/Manager: BLM-FORT ORD

Anniella pulchra nigra

black legless lizard

Element Code: ARACC01011

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G3G4T2T3Q

CDFG Status: SC

State: None

State: S2

Habitat Associations

General: SAND DUNES AND SANDY SOILS IN THE MONTEREY BAY AND MORRO BAY REGIONS.

Micro: INHABIT SANDY SOIL/DUNE AREAS WITH BUSH LUPINE AND MOCK HEATHER AS DOMINANT PLANTS. MOIST SOIL IS ESSENTIAL.

Occurrence No. 28

Map Index: 10542

EO Index: 27397

Dates Last Seen

Occ Rank: Unknown

Element: XXXX-XX-XX

* SENSITIVE *

Origin: Natural/Native occurrence

Site: XXXX-XX-XX

Presence: Presumed Extant

Trend: Unknown

Record Last Updated: 1997-02-06

Quad Summary: Salinas (3612166/365B), Marina (3612167/366A)

County Summary: Monterey

* SENSITIVE *

Lat/Long: 36.67356° / -121.76662°

Township: 14S

UTM: Zone-10 N4059369 E610211

Range: 02E

Radius: 1 mile

Mapping Precision: NON-SPECIFIC

Section: 32

Qtr: XX

Elevation: 150 ft

Symbol Type: POINT

Meridian: M

Location: FORT ORD, 2 MILES EAST OF HIGHWAY 1 ON RESERVATION ROAD (HIGHWAY G-17).

General: AMNH #75535. NO DATE GIVEN.

Owner/Manager: BLM-FORT ORD

Arctostaphylos hookeri ssp. hookeri

Hooker's manzanita

Element Code: PDERI040J1

----- Status ----- NDDB Element Ranks ----- Other Lists -----
 Federal: None Global: G3T2? CNPS List: 1B.2
 State: None State: S2?

----- Habitat Associations -----

General: CHAPARRAL, COASTAL SCRUB, CLOSED-CONE CONIFEROUS FOREST, CISMONTANE WOODLAND.
 Micro: SANDY SOILS, SANDY SHALES, SANDSTONE OUTCROPS. 85-300M.

Occurrence No. 5 Map Index: 28441 EO Index: 21097 ----- Dates Last Seen -----
 Occ Rank: Unknown Element: 2004-01-25
 Origin: Natural/Native occurrence Site: 2004-01-25
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2006-09-15

Quad Summary: Spreckels (3612156/365C), Seaside (3612157/366D), Salinas (3612166/365B), Marina (3612167/366A)
 County Summary: Monterey

Lat/Long: 36.61233° / -121.75808° Township: 15S
 UTM: Zone-10 N4052586 E611062 Range: 02E
 Area: 5,309.7 acres Mapping Precision: SPECIFIC Section: 21 Qtr: XX
 Elevation: Symbol Type: POLYGON Meridian: M

Location: FORT ORD, MONTEREY

Location Detail: LARGE OCCURRENCE MAPPED BETWEEN HWY 68 TO THE SOUTH, INTER-GARRISON ROAD TO THE NORTH, UP TO 2 MILES EAST OF BARLOY CANYON ROAD & UP TO 3 MILES WEST OF BARLOY CANYON RD.

Ecological: MARITIME CHAPARRAL WITH A. MONTEREYENSIS, A. PUMILA, & A. TOMENTOSA. RARE TAMALIA GALLS PRESENT IN 2004.

General: 1986 COLLECTION BY KNIGHT FROM "SOUTH BOUNDARY ROAD, FORT ORD, CA. 50 FEET ELEV." AND 2004 COLLECTION BY MILLER FROM "FORT ORD MILITARY RESERVATION, 36 DEGREES 37' 69" N AND 121 DEGREES 46' 64" " ALSO ATTRIBUTED TO THIS OCCURRENCE.

Owner/Manager: DOD-ARMY

Arctostaphylos montereyensis

Monterey manzanita

Element Code: PDERI040R0

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G2

CNPS List: 1B.2

State: None

State: S2.1

Habitat Associations

General: CHAPARRAL, CISMONTANE WOODLAND, COASTAL SCRUB.

Micro: SANDY SOIL, USUALLY WITH CHAPARRAL ASSOCIATES. 30-730M.

Occurrence No. 14

Map Index: 41985

EO Index: 20198

Dates Last Seen

Occ Rank: Unknown

Element: 1994-05-18

Origin: Natural/Native occurrence

Site: 1994-05-18

Presence: Presumed Extant

Trend: Unknown

Record Last Updated: 2000-01-07

Quad Summary: Seaside (3612157/366D), Marina (3612167/366A), Spreckels (3612156/365C), Salinas (3612166/365B)

County Summary: Monterey

Lat/Long: 36.63128° / -121.76629°

Township: 15S

UTM: Zone-10 N4054678 E610301

Range: 02E

Area:

Mapping Precision: NON-SPECIFIC

Section: 08

Qtr: XX

Elevation: 400 ft

Symbol Type: POLYGON

Meridian: M

Location: FORT ORD MILITARY RESERVATION, NORTH OF MONTEREY .

Location Detail: DUE TO NUMEROUS RARE PLANTS ON THE BASE, THIS OCCURRENCE HAS BEEN MAPPED AS PART OF A GENERALIZED POLYGON THAT REPRESENTS HABITAT OCCUPIED BY ONE OR MORE RARE PLANTS. MOST COLONIES OF A. MONTEREY ENSIS OCCUR EAST & WEST OF BARCLAY RD.

Ecological: MARITIME CHAPARRAL.

General: THIS IS THE LARGEST KNOWN OCCURRENCE OF A. MONTEREYENSIS. PLANT DENSITY LOW TO HIGH DEPENDING ON THE COLONY. MAIN INFORMATION SOURCE IS VAGUE MAP; DETAILED SURVEYS AND ECOLOGICAL INFORMATION NEEDED. INCLUDES FORMER OCCURRENCE #5, 6.

Owner/Manager: BLM-FORT ORD

Arctostaphylos pumila

sandmat manzanita

Element Code: PDERI04180

Status	NDDB Element Ranks	Other Lists
Federal: None	Global: G2	CNPS List: 1B.2
State: None	State: S2.2	

Habitat Associations

General: CLOSED-CONE CONIFEROUS FOREST, CHAPARRAL, CISMONTANE WOODLAND, COASTAL DUNES, COASTAL SCRUB.
Micro: ON SANDY SOIL WITH OTHER CHAPARRAL ASSOCIATES. 3-205M.

Occurrence No.: 2	Map Index: 41985	EO Index: 20158	Dates Last Seen
Occ Rank: Unknown			Element: 1994-05-18
Origin: Natural/Native occurrence			Site: 1994-05-18
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 2000-01-07

Quad Summary: Seaside (3612157/366D), Marina (3612167/366A), Spreckels (3612156/365C), Salinas (3612166/365B)
County Summary: Monterey

Lat/Long: 36.63128° / -121.76629°	Township: 15S
UTM: Zone-10 N4054678 E610301	Range: 02E
Area:	Mapping Precision: NON-SPECIFIC
Elevation: 400 ft	Symbol Type: POLYGON
	Section: 08 Qtr: XX
	Meridian: M

Location: FORT ORD MILITARY RESERVATION (FORMER); FROM MARINA SOUTH TO SEASIDE AND EAST TO BARLOY CANYON ROAD, NORTH OF MONTEREY.

Location Detail: MAPPED AS PART OF THE GENERAL DISTRIBUTION OF RARE PLANTS ON THE FORMER BASE. PLANTS FOUNDLY LARGELY IN TWO CONCENTRATIONS: EAST OF MARIN A, & EAST OF SEASIDE.

Ecological: MARITIME CHAPARRAL, COASTAL DUNE SCRUB. GROWING WITH GARRYA ELLIPTICA, CEANOTHUS RIGIDUS, ERICAMERIA FASCICULATA, RHAMNUS CALIFORNICA, SALVIA MELLIFERA, BACCHARIS PILULARIS, ARTEMISIA CALIFORNICA, LOTUS SCOPARIUS, ET AL.

Threat: ORVS, ROAD WIDENING.

General: A LARGE AND IMPORTANT PART OF THE RANGE OF THIS SPECIES IS AT FORT ORD. INCLUDES FORMER OCCURRENCES #15, 17 AND 18. NEED MAP DETAIL.

Owner/Manager: UNKNOWN

Astragalus tener var. tener

alkali milk-vetch

Element Code: PDFAB0F8R1

Status _____ NDDB Element Ranks _____ Other Lists _____
 Federal: None Global: G1T1 CNPS List: 1B.2
 State: None State: S1.1

Habitat Associations

General: ALKALI PLAYA, VALLEY AND FOOTHILL GRASSLAND, VERNAL POOLS.

Micro: LOW GROUND, ALKALI FLATS, AND FLOODED LANDS; IN ANNUAL GRASSLAND OR IN PLAYAS OR VERNAL POOLS. 1-170M.

Occurrence No. 1 Map Index: 24658 EO Index: 6914 Dates Last Seen _____
 Occ Rank: None Element: 1889-04-XX
 Origin: Natural/Native occurrence Site: 1889-04-XX
 Presence: Possibly Extirpated
 Trend: Unknown Record Last Updated: 2003-07-01

Quad Summary: Salinas (3612166/365B)

County Summary: Monterey

Lat/Long: 38.69378° / -121.64097° Township: 14S
 UTM: Zone-10 N4061763 E621407 Range: 03E
 Radius: 3/5 mile Mapping Precision: NON-SPECIFIC Section: 21 Qtr: XX
 Elevation: 60 ft Symbol Type: POINT Meridian: M

Location: 1 MILE NORTHEAST OF SALINAS.

Ecological: GROWING IN LOW GROUNDS.

General: ONLY SOURCE OF INFO FOR THIS SITE IS 1889 COLLECTION BY E.K. ABBOTT (COLLECTION # AND HERBARIUM UNKNOWN). WITHAM REVIEWED MAPS AND SPOT IMAGERY FOR THIS VICINITY & FOUND AREA ALL DEVELOPED AND/OR EXTENSIVE ROW CROP AG. PROBABLY EXTIRPATED.

Owner/Manager: UNKNOWN

Athene cunicularia

burrowing owl

Element Code: ABNSB10010

_____ **Status** _____ **NDDB Element Ranks** _____ **Other Lists** _____
 Federal: None Global: G4 CDFG Status: SC
 State: None State: S2

_____ **Habitat Associations** _____

General: (BURROW SITES) OPEN, DRY ANNUAL OR PERENIAL GRASSLANDS, DESERTS & SCRUBLANDS CHARACTERIZED BY LOW-GROWING VEGETATION.
Micro: SUBTERRANEAN NESTER, DEPENDENT UPON BURROWING MAMMALS, MOST NOTABLY, THE CALIFORNIA GROUND SQUIRREL.

Occurrence No. 256 **Map Index:** 37728 **EO Index:** 32730 **Dates Last Seen**
Occ Rank: Fair **Element:** 1997-08-27
Origin: Natural/Native occurrence **Site:** 1997-08-27
Presence: Presumed Extant
Trend: Unknown **Record Last Updated:** 1997-12-16

Quad Summary: Salinas (3612166/365B)
County Summary: Monterey

Lat/Long: 36.71272° / -121.65128° **Township:** 14S
UTM: Zone-10 N4063851 E620456 **Range:** 03E
Radius: 1/10 mile **Mapping Precision:** NON-SPECIFIC **Section:** 16 **Qtr:** SW
Elevation: 95 ft **Symbol Type:** POINT **Meridian:** M

Location: EAST SIDE OF HWY 183, BETWEEN SALINAS AND SANTA RITA
Location Detail: SITE CONSISTS OF A 7-ACRE LOT LOCATED AT THE SW CORNER OF THE INTERSECTION OF HARDIN PARKWAY AND REGENCY CIRCLE, SALINAS.
Ecological: HABITAT CONSISTS OF A WEEDY FIELD VEGETATED PRIMARILY BY NON-NATIVE ANNUALS.
Threat: THREATENED BY DEVELOPMENT.
General: 6 BIRDS REPORTED EARLIER; 2 BIRDS (THAT APPEARED TO HAVE NESTED) OBSERVED ON 27 AUG 1997.
Owner/Manager: PVT

Occurrence No. 531 **Map Index:** 49151 **EO Index:** 49151 **Dates Last Seen**
Occ Rank: Poor **Element:** 2004-06-28
Origin: Natural/Native occurrence **Site:** 2004-06-28
Presence: Presumed Extant
Trend: Decreasing **Record Last Updated:** 2004-07-12

Quad Summary: Salinas (3612166/365B)
County Summary: Monterey

Lat/Long: 36.68260° / -121.66350° **Township:** 14S
UTM: Zone-10 N4060495 E619411 **Range:** 03E
Radius: 80 meters **Mapping Precision:** SPECIFIC **Section:** 29 **Qtr:** XX
Elevation: 40 ft **Symbol Type:** POINT **Meridian:** M

Location: SITE BORDERED BY HIGHWAY 68 TO THE WEST, HIGHWAY 101 TO THE NORTH, AND SPRR TO THE SOUTH, SALINAS
Ecological: HABITAT CONSISTS OF NON-NATIVE GRASSLAND/RUDERAL VEGETATION WITHIN AN INDUSTRIAL/COMMERCIAL AREA OF SALINAS SURROUNDED BY DEVELOPMENT.
Threat: THREATENED BY ANNUAL DISKING, THE DEVELOPMENT OF A PROPOSED MOTEL (MOTEL IN PLACE BY 1993), AND HUMAN FOOT TRAFFIC.
General: 2 OWLS OBSERVED ON-SITE ON 12 JAN 1990; OWLS RELOCATED TO ADJACENT PARCELS WHEN SITE WAS DISKED. AFTER DISKING, 2 FEMALES AND 1 MALE OBSERVED. 2 ADULTS AND 4 JUVENILES OBSERVED AT THE BURROW ON 28 JUN 2004.
Owner/Manager: PVT

Central Maritime Chaparral

Element Code: CTT37C20CA

----- Status -----

Federal: None

State: None

NDDB Element Ranks

Global: G2

State: S2.2

----- Other Lists -----

----- Habitat Associations -----

General:

Micro:

Occurrence No. 3

Map Index: 10517

EO Index: 16309

----- Dates Last Seen -----

Occ Rank: Unknown

Origin: Natural/Native occurrence

Presence: Presumed Extant

Trend: Decreasing

Element: 1985-03-20

Site: 1985-03-20

Record Last Updated: 1998-07-14

Quad Summary: Spreckels (3612156/365C), Seaside (3612157/366D), Marina (3612167/366A), Salinas (3612166/365B)

County Summary: Monterey

Lat/Long: 36.60981° / -121.76825°

UTM: Zone-10 N4052295 E610156

Area: 10,314.6 acres

Elevation:

Township: 15S

Range: 02E

Section: 20

Meridian: M

Mapping Precision: SPECIFIC

Symbol Type: POLYGON

Qtr: XX

Location: FORT ORD GUNNERY RANGE & VIC. (INCL FORMER OCCS 003-006 AT FT ORD BOT RESERVES 1,2,5,8).

Location Detail: SMALL BOTANICAL RESERVES W/IN 16000 AC. BNDRY FROM 1982 CDF AERIALS.

Ecological: KNEE-SHOULDER HIGH, OPEN DENSE CHAP W/ CHAMISE, ARCTOSTAPHYLOS MONTEREYENSIS, A. TOMENTOSA SSP. CRUSTACEA, A. PUMILA, A. TOMENTOSA SSP TOMENTOSA, CEANOTHUS RIGIDUS, C. DENTATUS, QUERCUS AGRIFOLIA.

Threat: USED AS MILITARY SHOOTING RANGE W/LOCALIZED DISTURBANCE, ESPECIALLY IN MORTAR RANGE.

General: THIS WAS OCC #003 OF CTT37C20CA.

Owner/Manager: BLM-FORT ORD

Centromadia parryi ssp. congdonii

Congdon's tarplant

Element Code: PDAST4R0P1

Status

NDBB Element Ranks

Other Lists

Federal: None

Global: G4T3

CNPS List: 1B.2

State: None

State: S3.2

Habitat Associations

General: VALLEY AND FOOTHILL GRASSLAND.

Micro: ALKALINE SOILS, SOMETIMES DESCRIBED AS HEAVY WHITE CLAY. 1-230M.

Occurrence No. 4 Map Index: 25093 EO Index: 6091 Dates Last Seen
 Occ Rank: Poor Element: 1998-10-15
 Origin: Natural/Native occurrence Site: 1998-10-15
 Presence: Presumed Extant
 Trend: Decreasing Record Last Updated: 2000-02-08

Quad Summary: Salinas (3612166/365B)
 County Summary: Monterey

Lat/Long: 36.73926° / -121.63335° Township: 14S
 UTM: Zone-10 N4066819 E622016 Range: 03E
 Area: 1.7 acres Mapping Precision: SPECIFIC Section: 03 Qtr: XX
 Elevation: 150 ft Symbol Type: POLYGON Meridian: M

Location: BOLSA KNOLLS, ALONG SAN JUAN GRADE ABOUT 0.4 MILE NORTHEAST OF ROGEE ROAD, NORTH OF SALINAS.
 Location Detail: ALONG WEST SIDE OF ROAD ABOUT 0.2 MILE SOUTHWEST OF ENTRANCE TO SALINAS GOLF AND COUNTRY CLUB.
 Ecological: RUDERAL HABITAT WITH POLYGONUM ARENASTRUM, BROMUS WILDENOVII, CONYZA BONARIENSIS, PICRUS ECHIOIDES, AND POLYPOGON MONSPELIENSIS. SOILS MAPPED AS ARROYO SECO GRAVELLY LOAM.
 Threat: ROADSIDE VEGETATION MANAGEMENT.
 General: 1 PLANT OBSERVED IN 1998. ACCORDING TO R. PRESTON, THIS SITE IS ESSENTIALLY EXTIRPATED; NO NATURAL HABITAT EXISTS IN THE AREA. HISTORIC COLLECTION BY R. HOOVER (#9971 UC) IS FROM THIS SAME VICINITY.
 Owner/Manager: PVT

Occurrence No. 5 Map Index: 25094 EO Index: 6093 Dates Last Seen
 Occ Rank: Poor Element: 1998-10-15
 Origin: Natural/Native occurrence Site: 1998-10-15
 Presence: Presumed Extant
 Trend: Decreasing Record Last Updated: 2000-02-08

Quad Summary: Salinas (3612166/365B)
 County Summary: Monterey

Lat/Long: 36.66433° / -121.63197° Township: 14S
 UTM: Zone-10 N4058508 E622258 Range: 03E
 Area: 13.0 acres Mapping Precision: SPECIFIC Section: 34 Qtr: XX
 Elevation: 40 ft Symbol Type: POLYGON Meridian: M

Location: SALINAS, ALONG EAST BLANCO ROAD BETWEEN HIGHWAY 101 AND THE SOUTHERN PACIFIC RAILROAD TRACKS.
 Location Detail: MAPPED NORTH OF E. BLANCO STREET ALONG WORK STREET. PLANTS FOUND IN RUDERAL STRIP ADJACENT TO SIDEWALKS.
 Ecological: RUDERAL HABITAT WITH POLYGONUM ARENASTRUM, HIRSCHFELDIA INCANA, LOLIUM MULTIFLORUM, CONYZA BONARIENSIS, PICRUS ECHIOIDES, AND CENTAUREA SOLSTITIALIS. SOILS MAPPED AS ANTIOCH VERY FINE SANDY LOAM AND CROPLEY SILTY CLAY.
 Threat: COMMERCIAL DEVELOPMENT. AREA IS BEING GRADED FOR DEVELOPMENT.
 General: TYPE LOCALITY BASED UPON 1886 COLLECTION BY A. GRAY (#151 UC) AT 'SALINAS' 880 PLANTS OBSERVED IN 1998.
 Owner/Manager: PVT

Occurrence No. 6 Map Index: 25092 EO Index: 6090 Dates Last Seen
 Occ Rank: None Element: 1931-10-11
 Origin: Natural/Native occurrence Site: 1998-10-15
 Presence: Extirpated
 Trend: Unknown Record Last Updated: 2006-01-23

Quad Summary: Salinas (3612166/365B)
 County Summary: Monterey

Lat/Long: 36.71307° / -121.71646° Township: 14S
 UTM: Zone-10 N4063810 E614634 Range: 02E
 Area: Mapping Precision: NON-SPECIFIC Section: 14 Qtr: XX
 Elevation: 20 ft Symbol Type: POLYGON Meridian: M

Location: HALFWAY BETWEEN SALINAS AND CASTROVILLE. (MAPPED ALONG HWY 183 NEAR COOPER).
 Location Detail: ROADSIDE.
 Ecological: SLIGHTLY SALINE SOIL.
 General: TWO COLLECTIONS ATTRIBUTED TO THIS SITE: HALL IN 1931 AND MCMURPHY IN 1909. AREA SEARCHED IN 1998 BY R. PRESTON; NO NATURAL HABITAT REMAINS ALONG HIGHWAY 183. RUDERAL HABITAT ALONG ROAD AND RR, BUT NO H. PARRYI SSP. CONGDONII OBSERVED.
 Owner/Manager: UNKNOWN

Chorizanthe pungens var. pungens

Monterey spineflower

Status	NDDDB Element Ranks	Element Code: PDPGN040M2
Federal: Threatened	Global: G2T2	Other Lists
State: None	State: S2.2	CNPS List: 1B.2

Habitat Associations

General: COASTAL DUNES, CHAPARRAL, CISMONTANE WOODLAND, COASTAL SCRUB.

Micro: SANDY SOILS IN COASTAL DUNES OR MORE INLAND WITHIN CHAPARRAL OR OTHER HABITATS. 0-150M.

Occurrence No. 2	Map Index: 41985	EO Index: 29609	Dates Last Seen
Occ Rank: Unknown			Element: 1994-05-18
Origin: Natural/Native occurrence			Site: 1994-05-18
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 2000-01-07

Quad Summary: Seaside (3612157/366D), Marina (3612167/366A), Spreckels (3612156/365C), Salinas (3612166/365B)

County Summary: Monterey

Lat/Long: 36.63128° / -121.76629°	Township: 15S
UTM: Zone-10 N4054678 E610301	Range: 02E
Area:	Mapping Precision: NON-SPECIFIC
Elevation: 400 ft	Section: 08
	Symbol Type: POLYGON
	Meridian: M
	Qtr: XX

Location: FORT ORD MILITARY RESERVATION; FROM MARINA EAST TO BARLOY CANYON ROAD AND SOUTH TO S-BOUNDARY OF BASE (NEAR HWY 68).

Location Detail: 4 OCCURRENCES WERE LUMPED INTO THIS HUGE, MORE GENERAL ONE. MORE SPECIFIC LOCALITIES WHERE PLANTS HAVE BEEN SEEN INCLUDE: ALONG BLANCO RD, 0.1 MI E OF RESERVATION RD, SAND DUNES NEAR GIGLING, & 0.3 MI E OF JCT RESERVATION RD & BEYER ST.

Ecological: GILIA TENUIFLORA ARENARIA ALSO FOUND IN THIS VICINITY.

Threat: ORVS AND POTENTIAL ROAD WIDENING THREATEN.

General: MAIN INFORMATION SOURCE IS VAGUE MAP; DETAILED SURVEYS AND ECOLOGICAL INFORMATION NEEDED. INCLUDES FORMER OCCURRENCE #'S 11, 22, 23, 33. ONLY THE AREA AT RESERVATION RD & BEYER ST SURVEYED IN 1994; REMAINDER OF OCCURRENCE SURVEYED IN 1992.

Owner/Manager: BLM-FORT ORD

Chorizanthe robusta var. robusta

robust spineflower

Element Code: PDPGN040Q2

Status	NDDB Element Ranks	Other Lists
Federal: Endangered State: None	Global: G2T1 State: S1.1	CNPS List: 1B.1

Habitat Associations

General: CISMONTANE WOODLAND, COASTAL DUNES, COASTAL SCRUB.
Micro: SANDY TERRACES AND BLUFFS OR IN LOOSE SAND. 3-120M.

Occurrence No. 22	Map Index: 41075	EO Index: 41075	Dates Last Seen
Occ Rank: Unknown			Element: 1889-07-XX
Origin: Natural/Native occurrence			Site: 1889-07-XX
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 1999-05-18

Quad Summary: Salinas (3612166/365B), Prunedale (3612176/386C), Marina (3612167/366A), Moss Landing (3612177/387D)
County Summary: Monterey

Lat/Long: 36.69982° / -121.74577°	Township: 14S
UTM: Zone-10 N4062306 E612035	Range: 02E
Radius: 5 mile	Section: 21
Elevation: 40 ft	Meridian: M
Mapping Precision: NON-SPECIFIC	Qtr: XX
Symbol Type: POINT	

Location: SALINAS VALLEY NEAR MONTEREY BAY.

Location Detail: EXACT LOCATION NOT KNOWN; MAPPED IN SALINAS VALLEY WEST OF SPRECKLES.

General: MAIN SOURCE OF INFORMATION FOR THIS SITE IS 1889 COLLECTION BY ABBOTT. SPECIMAN REVIEWED BY B. ERTTER ET AL. IN 1990 AND WAS DETERMINED TO BE CLOSER TO C. PUNGENS THAN TO ROBUSTA.

Owner/Manager: UNKNOWN

Cordylanthus rigidus ssp. littoralis

seaside bird's-beak

Element Code: PDSCR0J0P2

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G5T1

CNPS List: 1B.1

State: Endangered

State: S1.1

Habitat Associations

General: CLOSED-CONE CONIFEROUS FOREST, CHAPARRAL, CISMONTANE WOODLAND, COASTAL SCRUB, COASTAL DUNES.

Micro: SANDY, OFTEN DISTURBED SITES, USUALLY WITHIN CHAPARRAL OR COASTAL SCRUB 0-215M.

Occurrence No. 6 Map Index: 10606 EO Index: 11958 Dates Last Seen
 Occ Rank: Good Element: 1990-08-29
 Origin: Natural/Native occurrence Site: 1990-08-29
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1995-11-09

Quad Summary: Salinas (3612166/365B)
 County Summary: Monterey

Lat/Long: 36.63055° / -121.72299° Township: 15S
 UTM: Zone-10 N4054648 E614173 Range: 02E
 Area: 55.4 acres Mapping Precision: SPECIFIC Section: 14 Qtr: XX
 Elevation: 100 ft Symbol Type: POLYGON Meridian: M

Location: EASTERN PART OF FT ORD MILITARY RESERVATION, CRESCENT BLUFF RD OVERLOOKING MERRILL RNCH. 0.2-1.4 RD MI E OF MUDHEN LAKE.
 Location Detail: FOUR COLONIES MAPPED ALONG NORTH SIDE OF CRESCENT BLUFF ROAD.
 Ecological: IN SANDY S-FACING ROADCUT & IN ADJOINING CHAPARRAL/COASTAL SCRUB. WITH SALVIA MELLIFERA, ERICAMERIA ERICOIDES, QUERCUS AGRIFOLIA, CROTON CALIFORNICUS, ADENOSTOMA FASCICULATUM, BACCHARIS PILULARIS, & ARTEMISIA CALIFORNICA.
 Threat: ROAD MAINTENANCE ACTIVITIES COULD THREATEN.
 General: 650 PLANTS IN 1990. PLANTS REPORTED IN THIS AREA IN "FLORA AND FAUNA BASELINE STUDY OF FORT ORD" BY JONES AND STOKES ASSOCIATES (1992); UNKNOWN WHEN OBSERVED, VAGUE MAP DETAIL.
 Owner/Manager: BLM-FORT ORD

Occurrence No. 34 Map Index: 39435 EO Index: 34437 Dates Last Seen
 Occ Rank: Unknown Element: 1992-XX-XX
 Origin: Natural/Native occurrence Site: 1992-XX-XX
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1998-08-13

Quad Summary: Salinas (3612166/365B), Spreckels (3612156/365C)
 County Summary: Monterey

Lat/Long: 36.62470° / -121.74497° Township: 15S
 UTM: Zone-10 N4053973 E612216 Range: 02E
 Radius: 80 meters Mapping Precision: SPECIFIC Section: 16 Qtr: XX
 Elevation: 250 ft Symbol Type: POINT Meridian: M

Location: EAST OF SEASIDE, WEST OF BARLOY CANYON ROAD ABOUT 0.75 MILE WSW OF MUDHEN LAKE, FORMER FORT ORD MILITARY RESERVATION.
 Location Detail: MAPPED ABOUT 0.15 MILE WEST OF BARLOY CANYON ROAD AND JUST NORTH OF ROAD TO HUFFMAN RANGER STATION.
 Ecological: MAPPED WITHIN MARITIME CHAPARRAL.
 General: PLANT DENSITY REPORTED AS LOW IN "FLORA AND FAUNA BASELINE STUDY OF FORT ORD, CALIFORNIA" BY JONES AND STOKES ASSOC. FOR U.S. ARMY C.O.E.
 Owner/Manager: UNKNOWN

Delphinium hutchinsoniae

Hutchinson's larkspur

Element Code: PDRAN0B0V0

Status	NDDB Element Ranks	Other Lists
Federal: None	Global: G2	CNPS List: 1B.2
State: None	State: S2.1	

Habitat Associations

General: BROADLEAFED UPLAND FOREST, CHAPARRAL, COASTAL PRAIRIE, COASTAL SCRUB.
Micro: ON SEMI-SHADED, SLIGHTLY MOIST SLOPES, USUALLY WEST-FACING. 0-365M.

Occurrence No. 11	Map Index: 10778	EO Index: 21674	Dates Last Seen
Occ Rank: Unknown			Element: 1952-05-03
Origin: Natural/Native occurrence			Site: 1952-05-03
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 1996-01-02

Quad Summary: Spreckels (3612156/365C), Salinas (3612166/365B)
County Summary: Monterey

Lat/Long: 36.62551° / -121.66744°	Township: 15S
UTM: Zone-10 N4054157 E619147	Range: 03E
Radius: 1 mile	Section: 17
Elevation: 40 ft	Meridian: M
Mapping Precision: NON-SPECIFIC	Qtr: XX
Symbol Type: POINT	

Location: WEST SIDE OF SALINAS RIVER, 0.5 MI SOUTH OF MONTEREY -SALINAS ROAD, WEST OF SPRECKLES.

General: MAIN SOURCE OF INFORMATION FOR THIS SITE IS 1952 COLLECTION BY H. LEWIS ET AL.

Owner/Manager: PVT

Eremophila alpestris actia

California horned lark

Element Code: ABPAT02011

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

Habitat Associations

General: COASTAL REGIONS, CHIEFLY FROM SONOMA CO. TO SAN DIEGO CO. ALSO MAIN PART OF SAN JOAQUIN VALLEY & EAST TO FOOTHILLS.
Micro: SHORT-GRASS PRAIRIE, "BALD" HILLS, MOUNTAIN MEADOWS, OPEN COASTAL PLAINS, FALLOW GRAIN FIELDS, ALKALI FLATS.

Occurrence No. 65	Map Index: 55925	EO Index: 55941	Dates Last Seen
Occ Rank: Unknown			Element: 1992-XX-XX
Origin: Natural/Native occurrence			Site: 1992-XX-XX
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 2004-06-25

Quad Summary: Salinas (3612166/365B), Marina (3612167/366A)
County Summary: Monterey

Lat/Long: 36.68281° / -121.75643°	Township: 14S
UTM: Zone-10 N4060407 E611108	Range: 02E
Radius: 2/5 mile	Section: 28
Elevation: 120 ft	Meridian: M
Mapping Precision: NON-SPECIFIC	Qtr: SW
Symbol Type: POINT	

Location: 0.75 MILE NE OF THE INTERSECTION OF THE SALINAS RIVER AND BLANCO ROAD, JUST EAST OF THE SALINAS RIVER, WEST OF MARINA.
Ecological: HABITAT CONSISTS OF GRASSLAND.
General: UNKNOWN NUMBER OBSERVED DURING 1992.
Owner/Manager: BLM-FORT ORD

Ericameria fasciculata

Eastwood's goldenbush

Element Code: PDAST3L080

Status	NDDB Element Ranks	Other Lists
Federal: None	Global: G2	CNPS List: 1B.1
State: None	State: S2.1	

Habitat Associations

General: CLOSED-CONE CONIFEROUS FOREST, CHAPARRAL (MARITIME), COASTAL SCRUB, COASTAL DUNES.
Micro: IN SANDY OPENINGS. 30-275M.

Occurrence No. 11	Map Index: 41985	EO Index: 16535	Dates Last Seen
Occ Rank: Unknown			Element: 1992-XX-XX
Origin: Natural/Native occurrence			Site: 1992-XX-XX
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 2000-01-10

Quad Summary: Seaside (3612157/366D), Marina (3612167/366A), Spreckels (3612156/365C), Salinas (3612166/365B)
County Summary: Monterey

Lat/Long: 36.63128° / -121.76629°	Township: 15S
UTM: Zone-10 N4054678 E610301	Range: 02E
Area:	Mapping Precision: NON-SPECIFIC
Elevation: 400 ft	Symbol Type: POLYGON
	Section: 08 Qtr: XX
	Meridian: M

Location: FORT ORD MILITARY RESERVATION, NORTH OF MONTEREY.

Location Detail: DUE TO NUMEROUS RARE PLANTS ON THE BASE, THIS OCCURRENCE HAS BEEN MAPPED AS PART OF A GENERALIZED POLYGON THAT REPRESENTS HABITAT OCCUPIED BY ONE OR MORE RARE PLANTS.

Ecological: IN SANDY SOIL IN MARITIME CHAPARRAL WITH ARCTOSTAPHYLOS, CEANOTHUS, AND GARRYA.

General: FORT ORD SUPPORTS MOST OF THE REMAINING INDIVIDUALS OF ERICAMERIA FASCICULATA. INCLUDES FORMER OCCURRENCES #12, 16, 17, AND 18.

Owner/Manager: BLM-FORT ORD

<i>Erysimum ammophilum</i>		Element Code: PDBRA16010	
coast wallflower		Other Lists	
Status		NDDB Element Ranks	
Federal: None	Global: G2	CNPS List: 1B.2	
State: None	State: S2.2		
Habitat Associations			
General: CHAPARRAL (MARITIME), COASTAL DUNES, COASTAL SCRUB.			
Micro: SANDY OPENINGS. 0-130M.			

Occurrence No. 9	Map Index: 28685	EO Index: 30031	Dates Last Seen
Occ Rank: Fair			Element: 1994-05-18
Origin: Natural/Native occurrence			Site: 1994-05-18
Presence: Presumed Extant			Record Last Updated: 1998-08-12
Trend: Unknown			

Quad Summary: Salinas (3612166/365B), Marina (3612167/366A)
 County Summary: Monterey

Lat/Long: 36.66875° / -121.76559°	Township: 14S
UTM: Zone-10 N4058836 E610310	Range: 02E
Area:	Mapping Precision: NON-SPECIFIC
Elevation: 150 ft	Section: 32
	Meridian: M
	Qtr: XX
	Symbol Type: POLYGON

Location: FORT ORD, JUST EAST OF MARIN A ALONG RESERVATION ROAD & SOUTH OF AIRFIELD.
Location Detail: SEVERAL COLONIES ALONG EITHER SIDE OF RESERVATION ROAD FROM SEASIDE EAST ABOUT TWO MILES.
Ecological: GROWING IN COASTAL DUNES AND COASTAL DUNE SCRUB. OTHER RARE PLANTS IN THIS AREA INCLUDE GILIA TENUIFLORA ARENARIA, CHORIZANTHE PUNGENS PUNGENS, ARCTOSTAPHYLOS PUMILA, AND ERIASTRUM VIRGATUM.
Threat: OFF-ROAD VEHICLES, ROADWAY WIDENING.
General: PLANT DENSITY RANGES FROM LOW TO HIGH DEPENDING ON THE COLONY.
Owner/Manager: BLM-FORT ORD

Gilia tenuiflora ssp. arenaria

sand gilia

Element Code: PDPLM041P2

Status
 Federal: Endangered
 State: Threatened

NDDB Element Ranks
 Global: G3G4T2
 State: S2.2

Other Lists
 CNPS List: 1B.2

Habitat Associations

General: COASTAL DUNES, COASTAL SCRUB, CHAPARRAL (MARITIME), CISMONTANE WOODLAND.

Micro: BARE, WIND-SHELTERED AREAS OFTEN NEAR DUNE SUMMIT OR IN THE HIND DUNES; 2 RECORDS FROM PLEISTOCENE INLAND DUNES. 0-245M.

Occurrence No. 14 Map Index: 27796 EO Index: 16991 Dates Last Seen
 Occ Rank: Unknown Element: 1992-XX-XX
 Origin: Natural/Native occurrence Site: 1992-XX-XX
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1997-09-06

Quad Summary: Spreckels (3612156/365C), Seaside (3612157/366D), Salinas (3612166/365B)
 County Summary: Monterey

Lat/Long: 36.62328° / -121.73738° Township: 15S
 UTM: Zone-10 N4053825 E612897 Range: 02E
 Area: Mapping Precision: NON-SPECIFIC Section: 15 Qtr: XX
 Elevation: 400 ft Symbol Type: POLYGON Meridian: M

Location: FT ORD; FROM NR CLAUSENS RNCH, SW TO BOTH SIDES BARLOY CYN RD, E TO JCT PILARCITOS CYN RD/JACKS RD, S TO IMPOSSIBLE CYN.
 Location Detail: MAPPED AS 5 NONSPECIFIC BOUNDED AREAS. ON SALINAS, SPECKELS, AND SEASIDE QUADRANGLES.

General: ONLY INFO IS VAGUE MAP IN "FLORA AND FAUNA BASELINE STUDY OF FORT ORD". FIELDWORK CONDUCTED BY JONES AND STOKES ASSOC., INC. JOEY DORRELL-CANEPA BELIEVES PLANTS HERE ARE LIKELY INTERGRADES W/SPP. TENUIFLORA. STUDIES NEEDED.

Owner/Manager: BLM

Occurrence No. 15 Map Index: 27799 EO Index: 16989 Dates Last Seen
 Occ Rank: Unknown Element: 1992-XX-XX
 Origin: Natural/Native occurrence Site: 1992-XX-XX
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1997-09-06

Quad Summary: Salinas (3612166/365B)
 County Summary: Monterey

Lat/Long: 36.64913° / -121.74486° Township: 15S
 UTM: Zone-10 N4056684 E612191 Range: 02E
 Area: Mapping Precision: NON-SPECIFIC Section: 4 Qtr: XX
 Elevation: 250 ft Symbol Type: POLYGON Meridian: M

Location: FORT ORD MILITARY RESERVATION; VICINITY OF EAST GARRISON. BORDERED ON N BY WATKINS GATE RD, AND EXTENDING S FOR 0.25 MI.

General: ONLY INFO IS VAGUE MAP IN "FLORA AND FAUNA BASELINE STUDY OF FORT ORD". FIELDWORK CONDUCTED BY JONES AND STOKES ASSOC., INC. JOEY DORRELL-CANEPA BELIEVES PLANTS HERE ARE LIKELY INTERGRADES W/SPP./TENUIFLORA. STUDIES NEEDED.

Owner/Manager: BLM

Occurrence No. 20 Map Index: 27791 EO Index: 423 Dates Last Seen
 Occ Rank: Unknown Element: 1995-XX-XX
 Origin: Natural/Native occurrence Site: 1995-XX-XX
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1997-09-06

Quad Summary: Salinas (3612166/365B), Marina (3612167/366A)
 County Summary: Monterey

Lat/Long: 36.67921° / -121.77677° Township: 15S
 UTM: Zone-10 N4059984 E609296 Range: 02E
 Area: 421.4 acres Mapping Precision: SPECIFIC Section: 29 Qtr: XX
 Elevation: 200 ft Symbol Type: POLYGON Meridian: M

Location: FORMERLY FORT ORD MR; FROM N SIDE OF INTER-GARRISON ROAD, EXTENDING N WITHIN MILITARY BOUNDARY TO FRITZSCHE AIRFIELD.

Location Detail: MAPPED AS 11 POLYGONS.

Ecological: OTHER RARE PLANTS IN THE AREA: CHORIZANTHE PUNGENS PUNGENS, ARCTOSTAPHYLOS PUMILA, ERIASTRUM VIRGATUM, & ERYSIMUM AMMOPHILUM.

Threat: FORMERLY FORT ORD LAND. PLANTS ON THE LANDFILL PROPERTY TO BE EXTIRPATED, WITH TRANSLOCATION AS MITIGATION.

General: AT LEAST 42,600 TOTAL PLANTS AT THIS OCCURRENCE. ONLY SMALL AREA SURVEYED IN 1994 (25 PLANTS E OF JCT RESERVATION RD AND BEYER ST). OVER 2 MILLION PLANTS REPORTED IN 1995. MONTEREY COUNTY PARKS IS ALSO PART OWNER.

Owner/Manager: UC-MONTEREY, UCNR

Horkelia cuneata ssp. sericea

Kellogg's horkelia

Element Code: PDROSOW043

Status _____ **NDDB Element Ranks** _____ **Other Lists** _____
 Federal: None **Global:** G4T1 **CNPS List:** 1B.1
 State: None **State:** S1.1

Habitat Associations _____
General: CLOSED-CONE CONIFEROUS FOREST, COASTAL SCRUB, CHAPARRAL.
Micro: OLD DUNES, COASTAL SANDHILLS, OPENINGS. 10-200M.

Occurrence No. 18 **Map Index:** 28845 **EO Index:** 30751 **Dates Last Seen** _____
Occ Rank: Good **Element:** 1998-11-14
Origin: Natural/Native occurrence **Site:** 1998-11-14
Presence: Presumed Extant
Trend: Unknown **Record Last Updated:** 2006-04-27

Quad Summary: Salinas (3612166/365B), Marina (3612167/366A)
County Summary: Monterey

Lat/Long: 36.66270° / -121.75304° **Township:** 14S
UTM: Zone-10 N4058180 E611439 **Range:** 02E
Area: 279.3 acres **Mapping Precision:** SPECIFIC **Section:** 33 **Qtr:** XX
Elevation: 160 ft **Symbol Type:** POLYGON **Meridian:** M

Location: FORT ORD, 2 MILES EAST OF MARIN A ALONG SOUTH SIDE OF RESERVATION ROAD.

Ecological: SWALES BETWEEN MARITIME CHAPARRAL, QUERCUS AGRIFOLIA, &/OR COASTAL SCRUB COMMUNITIES. DOMINANT: NASSELLA. ASSOCIATES: POLYGONUM PARONYCHIA, CROTON CALIFORNICA, LESSINGIA GLANDULIFERA VAR. PECTINATA, & ACAENA PINNATIFIDA VAR. CALIFORNICA.

Threat: UTILITY & ROAD RIGHT-OF-WAY, ROAD MAINTENANCE. ORV USE. WELL DRILLING TO TEST FOR CONTAMINATION.

General: PLANT DENSITY ESTIMATED TO BE LOW (1-100S PER ACRE) TO MEDIUM (100S TO 1000S PER ACRE) IN 1992. SEVERAL THOUSAND PLANTS OBSERVED IN 1998. INCLUDES FORMER OCCURRENCE #24.

Owner/Manager: US-SANTA CRUZ

Occurrence No. 22 **Map Index:** 28838 **EO Index:** 30365 **Dates Last Seen** _____
Occ Rank: Unknown **Element:** 1992-XX-XX
Origin: Natural/Native occurrence **Site:** 1992-XX-XX
Presence: Presumed Extant
Trend: Unknown **Record Last Updated:** 1997-03-03

Quad Summary: Spreckels (3612156/365C), Salinas (3612166/365B)
County Summary: Monterey

Lat/Long: 36.62162° / -121.70695° **Township:** 15S
UTM: Zone-10 N4053677 E615621 **Range:** 02E
Area: 215.1 acres **Mapping Precision:** SPECIFIC **Section:** 13 **Qtr:** XX
Elevation: 300 ft **Symbol Type:** POLYGON **Meridian:** M

Location: FORT ORD, WEST OF PILARCTOS CANYON AND SOUTHWEST OF PILARCITOS RIDGE.

Location Detail: WEST OF ENGINEER CANYON ROAD AND NORTH OF JACKS ROAD.

Ecological: COASTAL SCRUB, MARITIME CHAPARRAL, AND CLOSED CONE CONIFEROUS FOREST.

General: PLANT DENSITY ESTIMATED TO BE LOW (1-100S PER ACRE).

Owner/Manager: BLM-FORT ORD

Occurrence No. 23 **Map Index:** 28837 **EO Index:** 30364 **Dates Last Seen** _____
Occ Rank: Unknown **Element:** 1992-XX-XX
Origin: Natural/Native occurrence **Site:** 1992-XX-XX
Presence: Presumed Extant
Trend: Unknown **Record Last Updated:** 1997-03-03

Quad Summary: Spreckels (3612156/365C), Salinas (3612166/365B)
County Summary: Monterey

Lat/Long: 36.62701° / -121.74467° **Township:** 15S
UTM: Zone-10 N4054230 E612240 **Range:** 02E
Area: 823.2 acres **Mapping Precision:** SPECIFIC **Section:** 16 **Qtr:** XX
Elevation: 400 ft **Symbol Type:** POLYGON **Meridian:** M

Location: FORT ORD, VICINITY OF SANDSTONE RIDGE. ALSO ALONG PERRY RIDGE.

Location Detail: PART OF POPULATION FOUND EAST OF BARLOY CANYON ROAD.

Ecological: COASTAL SCRUB, MARITIME CHAPARRAL, AND CLOSED CONE CONIFEROUS FOREST.

General: PLANT DENSITY ESTIMATED TO BE LOW (1-100S PER ACRE).

Owner/Manager: BLM-FORT ORD

Lasthenia conjugens

Contra Costa goldfields

Element Code: PDAST5L040

Status
 Federal: Endangered
 State: None

NDDDB Element Ranks
 Global: G1
 State: S1.1

Other Lists
 CNPS List: 1B.1

Habitat Associations

General: VALLEY AND FOOTHILL GRASSLAND, VERNAL POOLS, CISMONTANE WOODLAND. EXTIRPATED FROM MOST OF ITS RANGE; EXTREM. ENDANGERED.
Micro: VERNAL POOLS, SWALES, LOW DEPRESSIONS, IN OPEN GRASSY AREAS. 1-445M.

Occurrence No. 31 **Map Index:** 42498 **EO Index:** 42498 **Dates Last Seen**
Occ Rank: Good **Element:** 1998-06-13
Origin: Natural/Native occurrence **Site:** 1998-06-13
Presence: Presumed Extant
Trend: Unknown **Record Last Updated:** 2000-03-06

Quad Summary: Salinas (3612166/365B)
County Summary: Monterey

Lat/Long: 36.63985° / -121.74768° **Township:** 15S
UTM: Zone-10 N4055651 E611952 **Range:** 02E
Area: 1.7 acres **Mapping Precision:** SPECIFIC **Section:** 09 **Qtr:** XX
Elevation: 400 ft **Symbol Type:** POLYGON **Meridian:** M

Location: FORT ORD, ABOUT 0.25 MILE NORTH OF MACHINE GUN FLATS, SOUTHWEST OF SALINAS.
Location Detail: VERNAL POOL LOCATED ABOUT 0.33 MILE EAST OF HENNEKENS RANCH ROAD AND 0.25 MILE NORTH OF MACHINE GUN FLATS.
Ecological: VERNAL POOL (DEPRESSION) IN GRASSLAND WITH MIMA MOUND TOPOGRAPHY. DOMINANTS: PLAGIOBOTHRYUS CHORISIANUS VAR. HICKMANII, ELEOCHARIS SP, AND ERYNGIUM ARMATUM. ARNOLD SERIES SOILS ON CLAY HARDPAN.
Threat: EQUESTRIAN AND MOUNTAIN BIKE TRESPASS. PAST VEHICLE IMPACTS HAVE DEGRADED SITE VIA SOIL COMPACTION.
General: ABOUT 500 PLANTS OBSERVED BY DELGADO IN 1998. SITE IS WITHIN BLM HABITAT PRESERVE. 1998 COLLECTION BY YADON (SN JEPS) FROM "FORT ORD, EAST OF HENNEKIN'S RANCH ROAD" ATTRIBUTED TO SITE.
Owner/Manager: BLM

Occurrence No. 32 **Map Index:** 42499 **EO Index:** 42499 **Dates Last Seen**
Occ Rank: Unknown **Element:** 1998-XX-XX
Origin: Natural/Native occurrence **Site:** 1998-XX-XX
Presence: Presumed Extant
Trend: Unknown **Record Last Updated:** 2000-03-06

Quad Summary: Salinas (3612166/365B)
County Summary: Monterey

Lat/Long: 36.63227° / -121.74425° **Township:** 15S
UTM: Zone-10 N4054814 E612270 **Range:** 02E
Area: 3.4 acres **Mapping Precision:** SPECIFIC **Section:** 09 **Qtr:** XX
Elevation: 400 ft **Symbol Type:** POLYGON **Meridian:** M

Location: FORT ORD, WEST AND SOUTH OF MACHINE GUN FLATS, SOUTHWEST OF SALINAS.
Location Detail: TWO COLONIES: N-COLONY ALONG THE WEST SIDE OF MACHINE GUN FLATS, THE S-COLONY IS ALONG WEST SIDE OF DEPRESSION JUST SE OF MACHINE GUN FLATS.
Ecological: VERNAL POOL (DEPRESSION) IN GRASSLAND WITH MIMA MOUND TOPOGRAPHY. DOMINANTS: PLAGIOBOTHRYUS CHORISIANUS VAR. HICKMANII, ELEOCHARIS SP, AND ERYNGIUM ARMATUM. ARNOLD SERIES SOILS ON CLAY HARDPAN.
Threat: EQUESTRIAN AND MOUNTAIN BIKE TRESPASS. PAST VEHICLE IMPACTS HAVE DEGRADED SITE VIA SOIL COMPACTION.
General: TWO COLONIES OBSERVED BY J. HOLTE AND REPORTED BY B. DELGADO IN 1998.
Owner/Manager: BLM

Linderiella occidentalis

California Linderiella

Element Code: ICBRA06010

Status

Federal: None
 State: None

NDDB Element Ranks

Global: G3
 State: S2S3

Other Lists

CDFG Status:

Habitat Associations

General: SEASONAL POOLS IN UNFLOWED GRASSLANDS WITH OLD ALLUVIAL SOILS UNDERLAIN BY HARDPAN OR IN SANDSTONE DEPRESSIONS.
 Micro: WATER IN THE POOLS HAS VERY LOW ALKALINITY, CONDUCTIVITY, AND TDS.

Occurrence No. 69 Map Index: 26013 EO Index: 1783 Dates Last Seen
 Occ Rank: Unknown Element: 1995-01-27
 Origin: Natural/Native occurrence Site: 1995-01-27
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1995-11-09

Quad Summary: Salinas (3612166/365B)
 County Summary: Monterey

Lat/Long: 36.63522° / -121.74681° Township: 15S
 UTM: Zone-10 N4055138 E612036 Range: 02E
 Area: Mapping Precision: NON-SPECIFIC Section: 9 Qtr: XX
 Elevation: 450 ft Symbol Type: POLYGON Meridian: M

Location: EASTERN-MOST POOL IN MACHINE GUN FLATS, FORT ORD MILITARY RESERVATION.
 Ecological: CONSISTS OF A VERNAL POOL WITHIN VERNAL POOL COMPLEX.
 Threat: POSSIBLE THREAT OF DEVELOPMENT AFTER BASE CLOSURE.
 General: FEW LINDERIELLA OBSERVED DURING "QUICK LITTLE SURVEY"; SPECIES CONFIRMED BY CHRIS ROGERS-1/27/1995.
 Owner/Manager: BLM-FORT ORD

Occurrence No. 70 Map Index: 26012 EO Index: 1759 Dates Last Seen
 Occ Rank: Unknown Element: 1995-02-24
 Origin: Natural/Native occurrence Site: 1995-02-24
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1995-11-21

Quad Summary: Salinas (3612166/365B), Marina (3612167/366A)
 County Summary: Monterey

Lat/Long: 36.63829° / -121.75223° Township: 15S
 UTM: Zone-10 N4055473 E611548 Range: 02E
 Area: Mapping Precision: NON-SPECIFIC Section: 9 Qtr: XX
 Elevation: 430 ft Symbol Type: POLYGON Meridian: M

Location: WESTERN-MOST POOL IN MACHINE GUN FLAT; FORT ORD MILITARY RESERVATION.
 Location Detail: MIDDLE MACHINE GUN FLATS; WATER DEPTH: 29 INCHES; SURFACE AREA: ~20,000 SQ FT.
 Ecological: VERNAL POOL IN VERNAL POOL COMPLEX; SOIL/VEGETATION SUBSTRATE; VEGETATIVE TOTAL COVER: 50% OF WATER AREA (5% ALGAE, 5% FLOATING PLANTS, 85% EMERGENT PLANTS), UPLAND HABITAT CONSISTS OF OAK WOODLAND & COASTAL SCRUB; SITE SLIGHTLY TRAMPLED.
 Threat: POSSIBLE THREAT OF DEVELOPMENT AFTER BASE CLOSURE.
 General: LOW ABUNDANCE OF ADULTS AT EDGE OF POOL BECAUSE OF MANY PEOPLE NETTING, BUT HIGH ABUNDANCE IN MIDDLE; CA TIGER SALAMANDER LARVAE OBS; PACIFIC TREE FROG ADULTS & LARVAE OBS; MALLARDS AND KILLDEER PRESENT.
 Owner/Manager: BLM-FORT ORD

Occurrence No. 71 Map Index: 32559 EO Index: 1786 Dates Last Seen
 Occ Rank: Unknown Element: 1995-03-24
 Origin: Natural/Native occurrence Site: 1995-03-24
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2003-12-18

Quad Summary: Salinas (3612166/365B)
 County Summary: Monterey

Lat/Long: 36.64562° / -121.73937° Township: 15S
 UTM: Zone-10 N4056301 E612686 Range: 02E
 Area: 4.6 acres Mapping Precision: SPECIFIC Section: 03 Qtr: XX
 Elevation: 340 ft Symbol Type: POLYGON Meridian: M

Location: BETWEEN MACHINE GUN FLATS AND EAST GARRISON; FORT ORD MILITARY RESERVATION.
 Location Detail: POND #5; WATER DEPTH: VARIED BETWEEN 17-40 INCHES, SURFACE AREA: VARIED FROM ~20,000 TO ~300,000 SQ FEET; TURBIDITY: NONE TO SLIGHT; WATER HAS SLIGHT REDDISH TINGE TO IT; TIGER SALAMANDER LARVAE, MALLARDS, GREAT BLUE HERON, GREAT EGRET OBS.
 Ecological: VERNAL POOL WITH GRASS/VEGETATION/SOIL SUBSTRATE; MEDIUM-HIGH OVERALL VEGETATIVE COVERAGE WITH MOST BEING EMERGENT PLANTS & SOME FLOATING & SUBMERGENT PLANTS; UPLAND HABITAT CONSISTS OF ANNUAL GRASSLAND & OAK WOODLAND.

Linderiella occidentalis

California linderiella

Element Code: ICBRA06010

Status	NDDB Element Ranks	Other Lists
Federal: None State: None	Global: G3 State: S2S3	CDFG Status:

Habitat Associations

General: SEASONAL POOLS IN UNPLOWED GRASSLANDS WITH OLD ALLUVIAL SOILS UNDERLAIN BY HARDPAN OR IN SANDSTONE DEPRESSIONS.
Micro: WATER IN THE POOLS HAS VERY LOW ALKALINITY, CONDUCTIVITY, AND TDS.

Threat: POSSIBLE THREAT OF DEVELOPMENT AFTER BASE CLOSURE.

General: 1/26/1995: MODERATE ABUNDANCE. SHRIMP HAVE DISTINCT RED COLOR & SEEM TO BE ASSOC. W/SEED SHRIMP; 2/10/95-MODERATE ABUNDANCE-TOOK VOUCHER SPECIMEN; 2/24/95-LOW ABUNDANCE; 3/10/95-NO FAIRY SHRIMP OBS; 3/24/95-LOW ABUNDANCE; CTS LARVAE OBS.

Owner/Manager: BLM-FORT ORD

Reithrodontomys megalotis distichlis

Salinas harvest mouse

Element Code: AMAFF02032

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G5T1

CDFG Status:

State: None

State: S1

Habitat Associations

General: KNOWN ONLY FROM THE MONTEREY BAY REGION.

Micro: OCCURS IN FRESH AND BRACKISH WATER WETLANDS AND PROBABLY IN THE ADJACENT UPLANDS AROUND THE MOUTH OF THE SALINAS RIVER.

Occurrence No. 5 Map Index: 10568 EO Index: 23884 Dates Last Seen
 Occ Rank: Unknown Element: 1937-05-30
 Origin: Natural/Native occurrence Site: 1937-05-30
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2006-01-30

Quad Summary: Marina (3612167/366A), Salinas (3612166/365B)
 County Summary: Monterey

Lat/Long: 36.68466° / -121.75605° Township: 14S
 UTM: Zone-10 N4060612 E611139 Range: 02E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 28 Qtr: XX
 Elevation: 100 ft Symbol Type: POINT Meridian: M

Location: CAMP ORD, 3.5 MILES EAST OF MARINA (MAPPED AT EAST BOUNDARY OF FORT ORD, ABOUT 2.5 MILES EAST OF MARINA).

General: MVZ #108408 (FEMALE) COLLECTED 10 JAN 1937 AND #108409 (FEMALE) COLLECTED 30 MAY 1937.

Owner/Manager: UNKNOWN

Occurrence No. 7 Map Index: 10586 EO Index: 23883 Dates Last Seen
 Occ Rank: Unknown Element: 1936-06-02
 Origin: Natural/Native occurrence Site: 1936-06-02
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2006-01-30

Quad Summary: Salinas (3612166/365B), Marina (3612167/366A)
 County Summary: Monterey

Lat/Long: 36.67384° / -121.74690° Township: 14S
 UTM: Zone-10 N4059422 E611972 Range: 02E
 Radius: 1 mile Mapping Precision: NON-SPECIFIC Section: 33 Qtr: XX
 Elevation: 50 ft Symbol Type: POINT Meridian: M

Location: WEST SIDE OF THE SALINAS RIVER, 5 MILES WEST OF SALINAS.

General: MVZ #108420 (FEMALE) COLLECTED 2 JUN 1936.

Owner/Manager: UNKNOWN

Trifolium buckwestiorum

Santa Cruz clover

Element Code: PDFAB402W0

Status	NDDB Element Ranks	Other Lists
Federal: None	Global: G1	CNPS List: 1B.1
State: None	State: S1.1	

Habitat Associations

General: COASTAL PRAIRIE, BROADLEAFED UPLAND FOREST, CISMONTANE WOODLAND.
Micro: MOIST GRASSLAND. 60-545M.

Occurrence No. 10	Map Index: 40861	EO Index: 40861	Dates Last Seen
Occ Rank: Good			Element: 1998-05-07
Origin: Natural/Native occurrence			Site: 1998-05-07
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 1999-02-17

Quad Summary: Salinas (3612166/365B)
County Summary: Monterey

Lat/Long: 36.62574° / -121.68972°	Township: 15S
UTM: Zone-10 N4054155 E617155	Range: 03E
Radius: 80 meters	Section: 18
Elevation: 100 ft	Meridian: M
Mapping Precision: SPECIFIC	Qtr: XX
Symbol Type: POINT	

Location: ALONG RESERVATION ROAD ABOUT 0.5 AIR MILE WEST OF JUNCTION WITH HIGHWAY 68, FORMER FORT ORD MIL. RES., SW OF SALINAS.
Location Detail: FOUND IN WET AREA WEST OF ROAD ALONG ENGINEERS CANYON ROAD.
Ecological: GROWING IN WET DRAINAGE.
General: SITE VERY SMALL, PERHAPS OTHERS IN VICINITY.
Owner/Manager: BLM