

**Appendix 5.2E**  
**CNDDDB RareFind Checklist**

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California Department of Fish and Game  
 Natural Diversity Database  
 Selected Elements by Scientific Name - Portrait

| Scientific Name/Common Name   | Element Code | Federal Status | State Status | GRank | SRank | CDFG or<br>CNPS |
|---|--------------|----------------|--------------|-------|-------|-----------------|
| 1 Aphanisma blitoides<br>aphanisma                                      | PDCHE02010   |                |              | G3G4  | S3    | 1B.2            |
| 2 Atriplex pacifica<br>South Coast saltscare                            | PDCHE041C0   |                |              | G3G4  | S2.2  | 1B.2            |
| 3 Atriplex parishii<br>Parish's brittlescale                            | PDCHE041D0   |                |              | G1G2  | S1.1  | 1B.1            |
| 4 Cicindela hirticollis gravida<br>sandy beach tiger beetle             | IICOL02101   |                |              | G5T2  | S1    |                 |
| 5 Dithyrea maritima<br>beach spectaclepod                               | PDBRA10020   |                | Threatened   | G2    | S2.1  | 1B.1            |
| 6 Glaucopsyche lygdamus palosverdesensis<br>Palos Verdes blue butterfly | IILEPG402A   | Endangered     |              | G5T1  | S1    |                 |
| 7 Perognathus longimembris pacificus<br>Pacific pocket mouse            | AMAFD01042   | Endangered     |              | G5T1  | S1    | SC              |
| 8 Phacelia stellaris<br>Brand's star phacelia                           | PDHYD0C510   | Candidate      |              | G2?   | S1    | 1B.1            |
| 9 Rhaphiomidas terminatus terminatus<br>El Segundo flower-loving fly    | IIDIP05022   |                |              | G1T1  | S1    |                 |

Aphanisma blitoides

aphanisma

Element Code: PDCHE02010

\_\_\_\_\_ Status \_\_\_\_\_ NDDB Element Ranks \_\_\_\_\_ Other Lists \_\_\_\_\_

Federal: None

Global: G3G4

CNPS List: 1B.2

State: None

State: S3

\_\_\_\_\_ Habitat Associations \_\_\_\_\_

General: COASTAL BLUFF SCRUB, COASTAL DUNES, COASTAL SCRUB.

Micro: ON BLUFFS AND SLOPES NEAR THE OCEAN IN SANDY OR CLAY SOILS. IN STEEP DECLINE ON THE ISLANDS AND THE MAINLAND. 1-305M.

Occurrence No. 49

Map Index: 01700

EO Index: 76663

\_\_\_\_\_ Dates Last Seen \_\_\_\_\_

Occ Rank: Unknown

Element: XXXX-XX-XX

Origin: Natural/Native occurrence

Site: XXXX-XX-XX

Presence: Presumed Extant

Trend: Unknown

Record Last Updated: 2009-07-03

Quad Summary: Torrance (3311873/090D), Redondo Beach (3311874/090C)

County Summary: Los Angeles

Lat/Long: 33.82921° / -118.39056°

Township: 04S

UTM: Zone-11 N3744088 E371323

Range: 14W

Mapping Precision: NON-SPECIFIC

Section: 18 Qtr: XX

Symbol Type: POINT

Meridian: S

Radius: 1 mile

Elevation: 50 ft

Location: REDONDO.

Location Detail: EXACT LOCATION UNKNOWN. MAPPED BY CNDDDB AS BEST GUESS IN THE VICINITY OF REDONDO BEACH, LOS ANGELES.

Ecological:

Threat:

General: ONLY SOURCE OF INFORMATION FOR THIS SITE IS AN UNDATED RUSSELL COLLECTION. NEEDS FIELDWORK.

Owner/Manager: UNKNOWN

\_\_\_\_\_ Sources \_\_\_\_\_

RUSNDS0001 RUSSELL. RUSSELL SN RSA #411823. XXXX-XX-XX.

**Atriplex pacifica**

South Coast saltscale

**Element Code:** PDCHE041C0

----- **Status** ----- **NDDB Element Ranks** ----- **Other Lists** -----

**Federal:** None

**Global:** G3G4

**CNPS List:** 1B.2

**State:** None

**State:** S2.2

----- **Habitat Associations** -----

**General:** COASTAL SCRUB, COASTAL BLUFF SCRUB, PLAYAS, CHENOPOD SCRUB.

**Micro:** ALKALI SOILS. 1-500M.

**Occurrence No.** 8

**Map Index:** 01700

**EO Index:** 759

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

**Occ Rank:** Unknown

**Element:** 1903-10-15

**Origin:** Natural/Native occurrence

**Site:** 1903-10-15

**Presence:** Presumed Extant

**Trend:** Unknown

**Record Last Updated:** 1996-02-12

**Quad Summary:** Torrance (3311873/090D), Redondo Beach (3311874/090C)

**County Summary:** Los Angeles

**Lat/Long:** 33.82921° / -118.39056°

**Township:** 04S

**UTM:** Zone-11 N3744088 E371323

**Range:** 14W

**Mapping Precision:** NON-SPECIFIC

**Section:** 18 **Qtr:** XX

**Symbol Type:** POINT

**Meridian:** S

**Radius:** 1 mile

**Elevation:** 50 ft

**Location:** "REDONDO."

**Location Detail:** MAPPED AS BEST GUESS BY CNDDDB AT REDONDO BEACH.

**Ecological:**

**Threat:**

**General:** ORIGINAL LABEL: ATRIPLEX SP.

**Owner/Manager:** UNKNOWN

----- **Sources** -----

BRA03S0003      BRANDEGEE, K. BRANDEGEE SN UC #110280. 1903-10-15.

|   |                           |                                 |
|---|---------------------------|---------------------------------|
| <b>Atriplex parishii</b>  |                           |                                 |
| Parish's brittlescale   |                           | <b>Element Code:</b> PDCHE041D0 |
| <b>Status</b>   | <b>NDDB Element Ranks</b> | <b>Other Lists</b>              |
| <b>Federal:</b> None  | <b>Global:</b> G1G2       | <b>CNPS List:</b> 1B.1          |
| <b>State:</b> None  | <b>State:</b> S1.1        |                                 |
| <b>Habitat Associations</b>   |                           |                                 |
| <b>General:</b> ALKALI MEADOWS, VERNAL POOLS, CHENOPOD SCRUB, PLAYAS. |                           |                                 |
| <b>Micro:</b> USUALLY ON DRYING ALKALI FLATS WITH FINE SOILS. 4-140M. |                           |                                 |

**Occurrence No.** 9      **Map Index:** 01700      **EO Index:** 1401      **Dates Last Seen**

**Occ Rank:** Unknown      **Element:** XXXX-XX-XX

**Origin:** Natural/Native occurrence      **Site:** XXXX-XX-XX

**Presence:** Presumed Extant

**Trend:** Unknown      **Record Last Updated:** 2009-08-28

**Quad Summary:** Torrance (3311873/090D), Redondo Beach (3311874/090C)  
**County Summary:** Los Angeles

|  |                                   |
|--|-----------------------------------|
| <b>Lat/Long:</b> 33.82921° / -118.39056° | <b>Township:</b> 04S              |
| <b>UTM:</b> Zone-11 N3744088 E371323     | <b>Range:</b> 14W                 |
| <b>Mapping Precision:</b> NON-SPECIFIC   | <b>Section:</b> 18 <b>Qtr:</b> XX |
| <b>Symbol Type:</b> POINT                | <b>Meridian:</b> S                |
| <b>Radius:</b> 1 mile                    | <b>Elevation:</b> 50 ft           |

**Location:** REDONDO (BEACH?).

**Location Detail:** EXACT LOCATION UNKNOWN. MAPPED BY CNDDDB AS BEST GUESS AT REDONDO BEACH.

**Ecological:**

**Threat:**

**General:** MAIN SOURCE OF LOCATION INFORMATION FOR THIS SITE IS AN UNDATED BRAUNTON COLLECTION. NEEDS FIELDWORK.

**Owner/Manager:** UNKNOWN

**Sources**

|            |  |
|------------|--|
| BRANDS0008 | BRAUNTON. BRAUNTON SN HERBARIUM UNKNOWN (CITED IN TAY93U0002). XXXX-XX-XX.                 |
| REI01B0001 | REISER, C. RARE PLANTS OF SAN DIEGO COUNTY. 2001-07-XX.                                    |
| TAY93U0002 | TAYLOR, D. ENDEMIC CA ANNUAL ATRIPLEX RECORDS. (COLLECTIONS FOR SEVERAL TAXA). 1993-07-27. |

**Cicindela hirticollis gravida**

sandy beach tiger beetle

**Element Code:** IICOL02101

\_\_\_\_\_ **Status** \_\_\_\_\_ **NDDB Element Ranks** \_\_\_\_\_ **Other Lists** \_\_\_\_\_

**Federal:** None

**Global:** G5T2

**CDFG Status:**

**State:** None

**State:** S1

\_\_\_\_\_ **Habitat Associations** \_\_\_\_\_

**General:** INHABITS AREAS ADJACENT TO NON-BRACKISH WATER ALONG THE COAST OF CALIFORNIA FROM SAN FRANCISCO BAY TO NORTHERN MEXICO.

**Micro:** CLEAN, DRY, LIGHT-COLORED SAND IN THE UPPER ZONE. SUBTERRANEAN LARVAE PREFER MOIST SAND NOT AFFECTED BY WAVE ACTION.

**Occurrence No.** 11

**Map Index:** 36918

**EO Index:** 758

\_\_\_\_\_ **Dates Last Seen** \_\_\_\_\_

**Occ Rank:** None

**Element:** XXXX-XX-XX

**Origin:** Natural/Native occurrence

**Site:** 1979-XX-XX

**Presence:** Extirpated

**Trend:** Unknown

**Record Last Updated:** 2005-02-18

**Quad Summary:** Redondo Beach (3311874/090C)

**County Summary:** Los Angeles

**Lat/Long:** 33.82920° / -118.39055°

**Township:** 04S

**UTM:** Zone-11 N3744087 E371324

**Range:** 14W

**Mapping Precision:** NON-SPECIFIC

**Section:** 18 **Qtr:** XX

**Symbol Type:** POLYGON

**Meridian:** S

**Area:**

**Elevation:** 12 ft

**Location:** REDONDO BEACH.

**Location Detail:**

**Ecological:** INHABITED CLEAN, DRY, LIGHT-COLORED SAND IN THE UPPER ZONE.

**Threat:** SENSITIVE TO CONTACT WITH HUMANS.

**General:** HISTORICAL LOCATION.

**Owner/Manager:** LAX COUNTY

\_\_\_\_\_ **Sources** \_\_\_\_\_

KNI04R0002 KNISLEY, C.B. BIOLOGY AND CONSERVATION OF THE SACRAMENTO VALLEY TIGER BEETLE, CICINDELA HIRTICOLLIS ABRUPTA. REPORT TO USFWS SACRAMENTO FIELD OFFICE. 2004-11-10.

NAG80R0001 NAGANO, CHRISTOPHER D. (LA COUNTY MUSEUM). "POPULATION STATUS OF THE BEETLES OF THE GENUS CICINDELA (COLEOPTERA: CICINDELIDAE) INHABITING THE MARINE SHORELINE OF SOUTHERN CALIFORNIA". 1980-XX-XX.

|   |                          |                          |
|---|--------------------------|--------------------------|
| Dithyrea maritima   |                          |                          |
| beach spectaclepod  |                          | Element Code: PDBRA10020 |
| _____ Status _____  | NDDB Element Ranks _____ | Other Lists _____        |
| Federal: None   | Global: G2               | CNPS List: 1B.1          |
| State: Threatened   | State: S2.1              |                          |
| _____ Habitat Associations _____  |                          |                          |
| General: COASTAL DUNES, COASTAL SCRUB. FORMERLY MORE WIDESPREAD IN COASTAL HABITATS IN SO. CALIF. |                          |                          |
| Micro: SEA SHORES, ON SAND DUNES, AND SANDY PLACES NEAR THE SHORE. 3-50M.                         |                          |                          |

|                                   |                  |                 |                                 |
|-----------------------------------|------------------|-----------------|---------------------------------|
| Occurrence No. 2                  | Map Index: 01655 | EO Index: 20545 | — Dates Last Seen —             |
| Occ Rank: None                    |                  |                 | Element: 1902-05-25             |
| Origin: Natural/Native occurrence |                  |                 | Site: 1998-07-01                |
| Presence: Extirpated              |                  |                 |                                 |
| Trend: Unknown                    |                  |                 | Record Last Updated: 2002-05-06 |

Quad Summary: Redondo Beach (3311874/090C), Venice (3311884/090B)  
 County Summary: Los Angeles

|                                   |                     |
|-----------------------------------|---------------------|
| Lat/Long: 33.86695° / -118.40396° | Township: 03S       |
| UTM: Zone-11 N3748290 E370140     | Range: 15W          |
| Mapping Precision: NON-SPECIFIC   | Section: 36 Qtr: XX |
| Symbol Type: POINT                | Meridian: S         |
| Radius: 1 mile                    | Elevation: 20 ft    |

Location: HERMOSA BEACH, 2.0 MILES NORTH OF REDONDO.  
 Location Detail:  
 Ecological: IN SAND DUNES.  
 Threat:  
 General: EXTIRPATED AT THIS SITE ACCORDING TO P. AIGNER, SURVEYED FROM PLAYA DEL REY TO PALOS VERDES PENINSULA. ONLY POTENTIAL HABITAT REMAINING IS EL SEGUNDO BLUE BUTTERFLY PRESERVE AT LAX, NO ACCESS, NO PLANTS OBS THRU FENCE (1998).  
 Owner/Manager: PVT

- \_\_\_\_\_ Sources \_\_\_\_\_
- ABR99S0001 ABRAMS, L. ABRAMS #241 DS. 1899-04-XX.
  - AIG98F0002 AIGNER, P. FIELD SURVEY FORM FOR DITHYREA MARITIMA. 1998-07-01.
  - AIG98U0001 AIGNER, P. E-MAIL TO D. HICKSON REGARDING DITHYREA MARITIMA. 1998-08-01.
  - BRA02S0002 BRAUNTON, E. BRAUNTON #285 UC. 1902-05-25.

**Glaucopsyche lygdamus palosverdesensis**

Palos Verdes blue butterfly

**Element Code:** IILEPG402A

|  |   |                     |
|--|---|---------------------|
| <b>Status</b>                                    | <b>NDDB Element Ranks</b>               | <b>Other Lists</b>  |
| <b>Federal:</b> Endangered<br><b>State:</b> None | <b>Global:</b> G5T1<br><b>State:</b> S1 | <b>CDFG Status:</b> |

**Habitat Associations**

**General:** RESTRICTED TO THE COOL, FOG-SHROUDED, SEAWARD SIDE OF PALOS VERDES HILLS, LOS ANGELES COUNTY.

**Micro:** HOST PLANT IS ASTRAGALUS TRICHOPODUS VAR. LONCHUS (LOCOWEED).

\* SENSITIVE \*

|  |                         |                       |  |
|--|-------------------------|-----------------------|--|
| <b>Occurrence No.</b> 18                 | <b>Map Index:</b> 25610 | <b>EO Index:</b> 5484 | <b>Dates Last Seen</b>                 |
| <b>Occ Rank:</b> Excellent               |                         |                       | <b>Element:</b> 2001-04-27             |
| <b>Origin:</b> Natural/Native occurrence |                         |                       | <b>Site:</b> 2001-04-27                |
| <b>Presence:</b> Presumed Extant         |                         |                       |  |
| <b>Trend:</b> Fluctuating                |                         |                       | <b>Record Last Updated:</b> 2007-09-28 |

**Quad Summary:** Torrance (3311873/090D)

**County Summary:** Los Angeles

\* SENSITIVE \*

|                           |                             |
|---------------------------|-----------------------------|
| <b>Lat/Long:</b>          | <b>Township:</b>            |
| <b>UTM:</b>               | <b>Range:</b>               |
| <b>Mapping Precision:</b> | <b>Section:</b> <b>Qtr:</b> |
| <b>Symbol Type:</b>       | <b>Meridian:</b>            |
| <b>Radius:</b>            | <b>Elevation:</b>           |

**Location:** \*SENSITIVE\* Location information suppressed.

**Location Detail:** Please contact the California Natural Diversity Database, California Department of Fish and Game, for more information: (916) 324-3812.

**Ecological:** HABITAT CONSISTS OF REMNANT COASTAL SAGE SCRUB; BUTTERFLIES FEED ON DEERWEED AND MILKVETCH. CALIFORNIA GNATCATCHER ALSO PRESENT.5484

**Threat:** THREATS INCLUDE HABITAT DESTRUCTION AND OVERCOLLECTION BY BUTTERFLY COLLECTORS.

**General:**

**Owner/Manager:**

**Sources**

- BLA05U0004 BLACK, S. & M. VAUGHAN. SPECIES PROFILE: GLAUCOPSYCHE LYGDAMUS PALOSVERDESENSIS. IN SHEPHERD, M.D., D.M. VAUGHAN, & S.H. BLACK (EDS). RED LIST OF POLLINATOR INSECTS OF NORTH AMERICA. THE XERCES SOCIETY. 2005-06-22.
- MAT02R0001 MATTONI, R. STATUS AND TRENDS: HABITAT RESTORATION AND THE ENDANGERED PALOS VERDES BLUE BUTTERFLY AT THE DEFENSE FUEL SUPPORT POINT, SAN PEDRO, CALIFORNIA. 1994-2001. THE URBAN WILDLANDS GROUP. 2002-04-01.
- MAT92A0001 MATTONI, R. REDISCOVERY OF THE ENDANGERED PALOS VERDES BLUE BUTTERFLY, GLAUCOPSYCHE LYGDAMUS PALOSVERDESENSIS. PERKINS & EMMEL (LYACENIDAE). JOUR. RES. LEPIDOP. 1992 [1995]. 31(3-4):180-194. 1992-XX-XX.
- NAG94F0001 NAGANO, C. FIELD SURVEY FORM FOR GLAUCOPSYCHE LYGDAMUS PALOSVERDESENSIS. 1994-03-20.

**Glaucopsyche lygdamus palosverdesensis**

Palos Verdes blue butterfly

**Element Code:** IILEPG402A

|                            |                                       |                                |
|----------------------------|---------------------------------------|--------------------------------|
| _____ <b>Status</b> _____  | _____ <b>NDDB Element Ranks</b> _____ | _____ <b>Other Lists</b> _____ |
| <b>Federal:</b> Endangered | <b>Global:</b> G5T1                   | <b>CDFG Status:</b>            |
| <b>State:</b> None         | <b>State:</b> S1                      |                                |

\_\_\_\_\_ **Habitat Associations** \_\_\_\_\_

**General:** RESTRICTED TO THE COOL, FOG-SHROUDED, SEAWARD SIDE OF PALOS VERDES HILLS, LOS ANGELES COUNTY.

**Micro:** HOST PLANT IS ASTRAGALUS TRICHOPODUS VAR. LONCHUS (LOCOWEED).

\* SENSITIVE \*

|  |                         |                        |  |
|--|-------------------------|------------------------|--|
| <b>Occurrence No.</b> 19                 | <b>Map Index:</b> 65035 | <b>EO Index:</b> 65114 | _____ <b>Dates Last Seen</b> _____     |
| <b>Occ Rank:</b> Unknown                 |                         |                        | <b>Element:</b> 2001-03-XX             |
| <b>Origin:</b> Natural/Native occurrence |                         |                        | <b>Site:</b> 2001-03-XX                |
| <b>Presence:</b> Presumed Extant         |                         |                        |  |
| <b>Trend:</b> Unknown                    |                         |                        | <b>Record Last Updated:</b> 2012-01-26 |

**Quad Summary:** Redondo Beach (3311874/090C)  
**County Summary:** Los Angeles

\* SENSITIVE \*

|                           |                             |
|---------------------------|-----------------------------|
| <b>Lat/Long:</b>          | <b>Township:</b>            |
| <b>UTM:</b>               | <b>Range:</b>               |
| <b>Mapping Precision:</b> | <b>Section:</b> <b>Qtr:</b> |
| <b>Symbol Type:</b>       | <b>Meridian:</b>            |
| <b>Radius:</b>            | <b>Elevation:</b>           |

**Location:** \*SENSITIVE\* Location information suppressed.

**Location Detail:** Please contact the California Natural Diversity Database, California Department of Fish and Game, for more information: (916) 324-3812.

**Ecological:** A PERCHED DUNE FORMATION IN UPPER MALAGA CANYON, THAT IS DISJUNCT FROM THE BLOW SAND DUNE FORMATION AGAINST THE COASTAL BLUFFS EXTENDING ALONG TORRANCE BEACH TO THE N OF THE MALAGA CANYON DISCHARGE. SITE IS DEGRADED DUE TO EXOTIC PLANTS.

**Threat:** THREATENED BY EXPANSION OF EXOTIC VEGETATION.

**General:**

**Owner/Manager:**

\_\_\_\_\_ **Sources** \_\_\_\_\_

- GEO06A0001      GEORGE, J. & R. MATTONI (UC, RIVERSIDE). RHAPHIOMIDAS TERMINATUS TERMINATUS (DIPTERA: MYDIDAE): NOTES ON THE REDISCOVERY AND CONSERVATION BIOLOGY OF A PRESUMED EXTINCT SPECIES. 2006-XX-XX.
- MAT02R0001      MATTONI, R. STATUS AND TRENDS: HABITAT RESTORATION AND THE ENDANGERED PALOS VERDES BLUE BUTTERFLY AT THE DEFENSE FUEL SUPPORT POINT, SAN PEDRO, CALIFORNIA. 1994-2001. THE URBAN WILDLANDS GROUP. 2002-04-01.

**Perognathus longimembris pacificus**

Pacific pocket mouse

**Element Code:** AMAFD01042

\_\_\_\_\_ **Status** \_\_\_\_\_ **NDDB Element Ranks** \_\_\_\_\_ **Other Lists** \_\_\_\_\_

**Federal:** Endangered

**Global:** G5T1

**CDFG Status:** SC

**State:** None

**State:** S1

\_\_\_\_\_ **Habitat Associations** \_\_\_\_\_

**General:** INHABITS THE NARROW COASTAL PLAINS FROM THE MEXICAN BORDER NORTH TO EL SEGUNDO, LOS ANGELES CO.

**Micro:** SEEMS TO PREFER SOILS OF FINE ALLUVIAL SANDS NEAR THE OCEAN, BUT MUCH REMAINS TO BE LEARNED.

**Occurrence No.** 1

**Map Index:** 39854

**EO Index:** 34856

\_\_\_\_\_ **Dates Last Seen** \_\_\_\_\_

**Occ Rank:** None

**Element:** 1931-09-05

**Origin:** Natural/Native occurrence

**Site:** 1931-09-05

**Presence:** Extirpated

**Trend:** Unknown

**Record Last Updated:** 2003-04-10

**Quad Summary:** Torrance (3311873/090D), Redondo Beach (3311874/090C)

**County Summary:** Los Angeles

**Lat/Long:** 33.82667° / -118.38139°

**Township:** 04S

**UTM:** Zone-11 N3743796 E372168

**Range:** 14W

**Mapping Precision:** NON-SPECIFIC

**Section:** 17 **Qtr:** XX

**Symbol Type:** POINT

**Meridian:** S

**Radius:** 3/5 mile

**Elevation:** 100 ft

**Location:** CLIFTON, EAST OF REDONDO STATE BEACH.

**Location Detail:**

**Ecological:**

**Threat:**

**General:** HISTORIC SITE. 3 SBMNH SPECIMENS AND 1 MVZ SPECIMEN (MALE, #47325), ALL COLLECTED IN SEP 1931.

**Owner/Manager:** UNKNOWN

\_\_\_\_\_ **Sources** \_\_\_\_\_

- ERI93R0001 ERICKSON, R.A. PACIFIC POCKET MOUSE; DRAFT MANUSCRIPT PREPARED FOR INCLUSION IN "ENDANGERED RODENTS OF THE WORLD," TO BE PUBLISHED BY IUCN. 1993-XX-XX.
- FWS97R0004 U.S. FISH & WILDLIFE SERVICE. DRAFT RECOVERY PLAN FOR THE PACIFIC POCKET MOUSE (PEROGNATHUS LONGIMEMBRIS PACIFICUS). 1997-XX-XX.
- MVZ03S0004 MUSEUM OF VERTEBRATE ZOOLOGY (UC, BERKELEY). PRINTOUT OF MVZ SPECIMEN DATABASE FOR PEROGNATHUS LONGIMEMBRIS PACIFICUS. 2003-XX-XX.

|   |                           |                          |
|---|---------------------------|--------------------------|
| Phacelia stellaris  |                           |                          |
| Brand's star phacelia   |                           | Element Code: PDHYD0C510 |
| <b>Status</b>   | <b>NDDB Element Ranks</b> | <b>Other Lists</b>       |
| Federal: Candidate<br>State: None                                     | Global: G2?<br>State: S1  | CNPS List: 1B.1          |
| <b>Habitat Associations</b>   |                           |                          |
| General: COASTAL SCRUB, COASTAL DUNES.<br>Micro: OPEN AREAS. 5-1515M. |                           |                          |

Occurrence No. 4                      Map Index: 01700                      EO Index: 757                      — Dates Last Seen —  
 Occ Rank: Unknown                      Element: 1909-06-04  
 Origin: Natural/Native occurrence                      Site: 1909-06-04  
 Presence: Presumed Extant  
 Trend: Unknown                      Record Last Updated: 1995-11-20

Quad Summary: Torrance (3311873/090D), Redondo Beach (3311874/090C)  
 County Summary: Los Angeles

|                                   |                          |
|-----------------------------------|--------------------------|
| Lat/Long: 33.82921° / -118.39056° | Township: 04S            |
| UTM: Zone-11 N3744088 E371323     | Range: 14W               |
| Mapping Precision: NON-SPECIFIC   | Section: 18      Qtr: XX |
| Symbol Type: POINT                | Meridian: S              |
| Radius: 1 mile                    | Elevation: 50 ft         |

Location: REDONDO, LOS ANGELES COAST.  
 Location Detail: MAPPED IN VICINITY OF REDONDO BEACH.  
 Ecological:  
 Threat:  
 General: SITE KNOWN FROM TWO COLLECTIONS: GEIS IN 1909 AND PARISH #1347 (DU) IN 1897. GEIS COLLECTION ORIGINAL LABEL P. DOUGLASSI VAR ? ANNOTATED TO P. STELLARIS BY HOWELL IN 1942. PARISH COLLECTION ORIGINAL LABEL P. DOUGLASSII; NOT FURTHER ANNT.  
 Owner/Manager: UNKNOWN

**Sources**

|            |   |
|------------|---|
| GEI09S0001 | GEIS. GEIS SN JEPS #2335. 1909-06-04.       |
| PAR97S0004 | PARISH. PARISH #1347 DS 134428. 1897-03-20. |

|   |   |                     |                                 |
|---|---|---------------------|---------------------------------|
| <b>Rhaphiomidas terminatus terminatus</b><br>El Segundo flower-loving fly   |   |                     | <b>Element Code:</b> IIDIP05022 |
| <b>Status</b>   | <b>NDDB Element Ranks</b>               | <b>Other Lists</b>  |                                 |
| <b>Federal:</b> None<br><b>State:</b> None  | <b>Global:</b> G1T1<br><b>State:</b> S1 | <b>CDFG Status:</b> |                                 |
| <b>Habitat Associations</b>   |   |                     |                                 |
| <b>General:</b> PRESUMED EXTINCT BUT RECENTLY DISCOVERED ON MALAGA DUNES, LOS ANGELES COUNTY.<br><b>Micro:</b> PERCHED DUNES. |   |                     |                                 |

\* SENSITIVE \*

|  |                         |                        |   |
|--|-------------------------|------------------------|---|
| <b>Occurrence No.</b> 1<br><b>Occ Rank:</b> Unknown<br><b>Origin:</b> Natural/Native occurrence<br><b>Presence:</b> Presumed Extant<br><b>Trend:</b> Unknown | <b>Map Index:</b> 65035 | <b>EO Index:</b> 65118 | <b>Dates Last Seen</b><br><b>Element:</b> 2001-07-XX<br><b>Site:</b> 2001-07-XX |
|  |                         |                        | <b>Record Last Updated:</b> 2012-01-26  |

**Quad Summary:** Redondo Beach (3311874/090C)

**County Summary:** Los Angeles

\* SENSITIVE \*

|   |  |
|---|--|
| <b>Lat/Long:</b><br><b>UTM:</b><br><b>Mapping Precision:</b><br><b>Symbol Type:</b><br><b>Radius:</b> | <b>Township:</b><br><b>Range:</b><br><b>Section:</b> Qtr:<br><b>Meridian:</b><br><b>Elevation:</b> |
|---|--|

**Location:** \*SENSITIVE\* Location information suppressed.

**Location Detail:** Please contact the California Natural Diversity Database, California Department of Fish and Game, for more information: (916) 324-3812.

**Ecological:** A PERCHED DUNE FORMATION IN UPPER MALAGA CANYON, THAT IS DISJUNCT FROM THE BLOW SAND DUNE FORMATION AGAINST THE COASTAL BLUFFS EXTENDING ALONG TORRANCE BEACH TO THE NORTH OF THE MALAGA CANYON DISCHARGE.

**Threat:**

**General:**

**Owner/Manager:**

**Sources**

GEO06A0001 GEORGE, J. & R. MATTONI (UC, RIVERSIDE). RHAPHIOMIDAS TERMINATUS TERMINATUS (DIPTERA: MYDIDAE): NOTES ON THE REDISCOVERY AND CONSERVATION BIOLOGY OF A PRESUMED EXTINCT SPECIES. 2006-XX-XX.