

Lupinus nipomensis

Nipomo Mesa lupine

Element Code: PDFAB2B550

Status

Federal: Endangered
State: Endangered

NDDB Element Ranks

Global: G1
State: S1.1

Other Lists

CNPS List: 1B.1

Habitat Associations

General: COASTAL DUNES.

Micro: DRY SANDY FLATS, RESTRICTED TO BACK DUNES, ASSOC. WITH CENTRAL DUNE SCRUB HABITAT - A RARE COMMUNITY TYPE. 10-50M.

Occurrence No. 1

Map Index: 13015

EO Index: 19046

Dates Last Seen

Occ Rank: Good

Element: 1998-05-13

Origin: Natural/Native occurrence

Site: 1998-05-13

Presence: Presumed Extant

Trend: Unknown

Record Last Updated: 1998-12-24

Quad Summary: Oceano (3512015/221D)

County Summary: San Luis Obispo

Lat/Long: 35.03570° / -120.60246°

Township: 11N

UTM: Zone-10 N3879630 E718706

Range: 35W

Mapping Precision: SPECIFIC

Section: 18 **Qtr:** XX

Symbol Type: POLYGON

Meridian: S

Area: 8.6 acres

Elevation: 50 ft

Location: JUST SOUTHEAST OF JACK LAKE, SOUTH OF OCEANO, NIPOMO MESA.

Location Detail: MAPPED SOUTH OF LAKE ALONG BOTH SIDES OF 4WD ROAD, ABOUT 0.4-0.5 MILE WEST OF RR TRACKS.

Ecological: CENTRAL COAST DUNE SCRUB WITH DISTURBED, SPARSE VEGETATION DOMINATED BY ERHARTA CALYCINA AND ERICAMERIA ERICOIDES WITH HORKELIA CUNEATA, CORETHROGYNE FILIFOLIA, CASTILLEJA EXSERTA, LAYIA GLANDULOSA, LUPINUS BICOLOR, BROMUS DIANDRUS, ET AL.

Threat: ORV DISTURBANCE, HABITAT DISPLACEMENT BY INVASIVE EHRHARTIA CALYCINA.

General: OBSERVED IN 1967, NOT SEEN IN 1980-1981, 17 PLANTS IN 1984, 83 IN 1985, 23 IN 1986, 177 IN 1987, 276 IN 1988, 149 IN 1998. OTHER RARE PLANTS IN AREA INCLUDE: DELPHINIUM PARRYI BLOCHMANIAE, CASTILLEJA MOLLIS, ERIGERON FOLIOSUS BLOCHMANIAE.

Owner/Manager: DPR-OCEANO SVRA

Sources

CHE98F0008	CHESNUT, J. FIELD SURVEY FORM FOR LUPINUS NIPOMENSIS. 1998-05-13.
CHE98R0001	CHESNUT, J. RECONNAISSANCE SURVEY FOR RARE PLANTS ON THE OCEANO DUNES SVRA. 1998-09-29.
HOO65S0004	HOOVER, R.F. HOOVER #9367 OBI. 1965-05-16.
HOO67S0001	HOOVER, R.F. HOOVER #10601 CAS. 1967-06-04.
HOW88F0012	HOWALD, A. FIELD SURVEY FORM & MAP FOR LUPINUS NIPOMENSIS. 1988-04-02.
HOW88M0001	HOWALD, A. MAP OF LUPINUS NIPOMENSIS (ACCOMPANIED HOW88F0007-HOW88F0017 IN GMF 3512015). 1988-04-03.
MCL80U0011	MCLEOD, M. CNPS MAP. 1980-12-08.
MCL84U0001	MCLEOD, M. PHONE CONVERSATION REGARDING LUPINUS NIPOMENSIS (COMMENTS ON ALL 3 OCCURRENCES). 1984-05-21.
MCL86U0011	MCLEOD, M. & D. WALTERS. REPORT ON LUPINUS NIPOMENSIS. 1986-11-XX.
MIN80F0002	MINNICH, L. FIELD SURVEY FORM FOR LUPINUS NIPOMENSIS, NEGATIVE SIGHTING WITH OWNER INFO. 1980-04-12.
MIN81R0001	MINNICH, L. STATUS REPORT ON LUPINUS NIPOMENSIS. 1981-XX-XX.
MYE88U0003	MYERS, M. ELEMENT CONSERVATION PLAN FOR LUPINUS NIPOMENSIS. 1988-12-XX.
WAL87M0001	WALTERS, D. MAP OF DISTRIBUTION. 1987-04-04.

Lupinus nipomensis

Nipomo Mesa lupine

Element Code: PDFAB2B550

Status

NDDDB Element Ranks

Other Lists

Federal: Endangered

Global: G1

CNPS List: 1B.1

State: Endangered

State: S1.1

Habitat Associations

General: COASTAL DUNES.

Micro: DRY SANDY FLATS, RESTRICTED TO BACK DUNES, ASSOC. WITH CENTRAL DUNE SCRUB HABITAT - A RARE COMMUNITY TYPE. 10-50M.

Sources

WAL88R0001

WALTERS, D.R. & B. WALTERS. TAXONOMY, DEMOGRAPHY, AND ECOLOGY OF LUPINUS NIPOMENSIS. 1988-01-16.

Lupinus nipomensis

Nipomo Mesa lupine

Element Code: PDFAB2B550

Status

Federal: Endangered

State: Endangered

NDDB Element Ranks

Global: G1

State: S1.1

Other Lists

CNPS List: 1B.1

Habitat Associations

General: COASTAL DUNES.

Micro: DRY SANDY FLATS, RESTRICTED TO BACK DUNES, ASSOC. WITH CENTRAL DUNE SCRUB HABITAT - A RARE COMMUNITY TYPE. 10-50M.

Occurrence No. 2

Map Index: 13078

EO Index: 13430

Dates Last Seen

Occ Rank: Fair

Element: 2004-03-25

Origin: Natural/Native occurrence

Site: 2004-03-25

Presence: Presumed Extant

Trend: Unknown

Record Last Updated: 2005-07-14

Quad Summary: Oceano (3512015/221D)

County Summary: San Luis Obispo

Lat/Long: 35.04442° / -120.58839°

UTM: Zone-10 N3880628 E719967

Mapping Precision: SPECIFIC

Symbol Type: POLYGON

Area: 74.3 acres

Township: 11N

Range: 35W

Section: 08 Qtr: SW

Meridian: S

Elevation: 100 ft

Location: PGE CALLENDER SWITCHING STATION, NORTH OF SANTA MARIA OIL REFINERY BETWEEN HIGHWAY 1 & RR TRACKS, SOUTH OF OCEANO.

Location Detail: SEVERAL COLONIES MAPPED IN AREA BOUNDED TO THE SOUTH BY THE UNOCAL REFINERY, TO THE NE BY SWITCHING STATION, AND TO THE WEST BY THE RR TRACKS.

Ecological: ON STABILIZED SAND DUNES WITH BACKDUNE SCRUB. ASSOCIATED WITH ERICAMERIA ERICOIDES, LUPINUS CHAMISSONIS, L. BICOLOR, CASTILLEJA EXSERTA, LOTUS SCOPARIUS, ERIOGONUM PARVIFOLIUM, ET AL. ERHARTA CALYCINA A SERIOUS PROBLEM IN SOME AREAS.

Threat: TRAMPLING & SOIL EROSION ASSOCIATED WITH GRAZING, ORVS, DEVELOPMENT, WEEDS, ROADS, & HERBICIDE OVERSPRAYING.

General: 273 PLANTS OBSERVED IN 1984, 803 IN 1985, 77 IN 1986, 317 IN 1987, 1035 IN 1988. 140 IN 2004. OTHER RARE PLANTS INCLUDE ERIGERON FOLIOSUS BLOCHMANIAE, DELPHINIUM PARRYI BLOCHMANIAE, AND CASTILLEJA MOLLIS.

Owner/Manager: PVT-UNOCAL, PVT-PGE

Sources

ALT04F0001	ALTHOUSE, L. FIELD SURVEY FORM FOR LUPINUS NIPOMENSIS. 2004-03-25.
BIT87F0003	BITTMAN, R. ET AL. FIELD SURVEY FORM FOR LUPINUS NIPOMENSIS. 1987-03-06.
CHE98R0001	CHESNUT, J. RECONNAISSANCE SURVEY FOR RARE PLANTS ON THE OCEANO DUNES SVRA. 1998-09-29.
CNP80M0016	CALIFORNIA NATIVE PLANT SOCIETY. MAP OF OCEANO QUAD FOR LUPINUS NIPOMENSIS. 1980-12-08.
HOW87U0001	HOWALD, A. LETTER TO RICK YORK. 1987-03-02.
HOW88F0007	HOWALD, A. FIELD SURVEY FORM & MAP FOR LUPINUS NIPOMENSIS. 1988-04-01.
HOW88F0008	HOWALD, A. FIELD SURVEY FORM & MAP FOR LUPINUS NIPOMENSIS. 1988-04-01.
HOW88F0009	HOWALD, A. FIELD SURVEY FORM & MAP FOR LUPINUS NIPOMENSIS. 1988-04-01.
HOW88F0010	HOWALD, A. FIELD SURVEY FORM & MAP FOR LUPINUS NIPOMENSIS. 1988-04-01.
HOW88F0013	HOWALD, A. FIELD SURVEY FORM & MAP FOR LUPINUS NIPOMENSIS. 1988-04-02.
HOW88F0015	HOWALD, A. FIELD SURVEY FORM & MAP FOR LUPINUS NIPOMENSIS. 1988-04-03.
HOW88F0016	HOWALD, A. FIELD SURVEY FORM & MAP FOR LUPINUS NIPOMENSIS. 1988-04-03.
HOW88M0001	HOWALD, A. MAP OF LUPINUS NIPOMENSIS (ACCOMPANIED HOW88F0007-HOW88F0017 IN GMF 3512015). 1988-04-03.

Lupinus nipomensis

Nipomo Mesa lupine

Element Code: PDFAB2B550

Status

Federal: Endangered

State: Endangered

NDDB Element Ranks

Global: G1

State: S1.1

Other Lists

CNPS List: 1B.1

Habitat Associations

General: COASTAL DUNES.

Micro: DRY SANDY FLATS, RESTRICTED TO BACK DUNES, ASSOC. WITH CENTRAL DUNE SCRUB HABITAT - A RARE COMMUNITY TYPE. 10-50M.

Sources

JON82F0001	JONES, K.G. FIELD SURVEY FORM FOR LUPINUS NIPOMENSIS, PG&E CALLENDER SWITCHING STATION. 1982-04-17.
MCL80U0011	MCLEOD, M. CNPS MAP. 1980-12-08.
MCL84U0001	MCLEOD, M. PHONE CONVERSATION REGARDING LUPINUS NIPOMENSIS (COMMENTS ON ALL 3 OCCURRENCES). 1984-05-21.
MCL86U0011	MCLEOD, M. & D. WALTERS. REPORT ON LUPINUS NIPOMENSIS. 1986-11-XX.
MIN81R0001	MINNICH, L. STATUS REPORT ON LUPINUS NIPOMENSIS. 1981-XX-XX.
MYE88U0003	MYERS, M. ELEMENT CONSERVATION PLAN FOR LUPINUS NIPOMENSIS. 1988-12-XX.
RIG87S0001	RIGGINS, R. RIGGINS #1558 JEPS #87204. 1987-05-04.
ROY84F0001	ROYE, C.L. & S.A. COCHRANE. FIELD SURVEY FORM FOR LUPINUS NIPOMENSIS. 1984-03-10.
WAL88R0001	WALTERS, D.R. & B. WALTERS. TAXONOMY, DEMOGRAPHY, AND ECOLOGY OF LUPINUS NIPOMENSIS. 1988-01-16.

Lupinus nipomensis

Nipomo Mesa lupine

Element Code: PDFAB2B550

Status

Federal: Endangered

State: Endangered

NDDB Element Ranks

Global: G1

State: S1.1

Other Lists

CNPS List: 1B.1

Habitat Associations

General: COASTAL DUNES.

Micro: DRY SANDY FLATS, RESTRICTED TO BACK DUNES, ASSOC. WITH CENTRAL DUNE SCRUB HABITAT - A RARE COMMUNITY TYPE. 10-50M.

Occurrence No. 3

Map Index: 40676

EO Index: 19041

Dates Last Seen

Occ Rank: None

Element: 1941-04-21

Origin: Natural/Native occurrence

Site: 1988-04-01

Presence: Extirpated

Trend: Unknown

Record Last Updated: 2005-07-14

Quad Summary: Oceano (3512015/221D)

County Summary: San Luis Obispo

Lat/Long: 35.05737° / -120.59646°

Township: 11N

UTM: Zone-10 N3882047 E719195

Range: 35W

Mapping Precision: NON-SPECIFIC

Section: 06 Qtr: XX

Symbol Type: POINT

Meridian: S

Radius: 2/5 mile

Elevation: 40 ft

Location: NEAR HIGHWAY 1, VICINITY OF BLACK LAKE.

Location Detail: EXACT LOCATION NOT KNOWN; SITE MAPPED NORTH OF CALLENDER, BETWEEN ARROYO GRANDE AND OCEANO, IN VICINITY OF BLACK LAKE CANYON.

Ecological: DENSE CENTRAL COAST DUNE SCRUB OBSERVED IN THIS VICINITY IN 1988.

Threat: HABITAT TOO DENSE IN 1988; DEVELOPMENT HAS ELIMINATED SOME HABITAT IN THIS AREA.

General: TYPE LOCALITY. SEEN AT LILY POND IN 1937; NOT FOUND IN 1980, 1981, 1988. MCLEOD SEARCHED AREA SOUTH OF BLACK LAKE GOLF COURSE IN 1984, BUT FOUND NO HABITAT. HOWALD SEARCHED LILY POND AREA IN 1988, NO PLANTS OBSERVED.

Owner/Manager: UNKNOWN

Sources

CNP80M0016	CALIFORNIA NATIVE PLANT SOCIETY. MAP OF OCEANO QUAD FOR LUPINUS NIPOMENSIS. 1980-12-08.
EAS37S0003	EASTWOOD, A. & J.T. HOWELL. EASTWOOD #3875, CAS #262501. 1937-04-23.
EAS40S0003	EASTWOOD, A. EASTWOOD #18929 CAS. 1940-04-14.
EAS41S0004	EASTWOOD, A. EASTWOOD #18969 CAS. 1941-04-21.
HOW88F0011	HOWALD, A. FIELD SURVEY FORM & MAP FOR LUPINUS NIPOMENSIS. 1988-04-01.
HOW88M0001	HOWALD, A. MAP OF LUPINUS NIPOMENSIS (ACCOMPANIED HOW88F0007-HOW88F0017 IN GMF 3512015). 1988-04-03.
MCL80U0011	MCLEOD, M. CNPS MAP. 1980-12-08.
MCL86U0011	MCLEOD, M. & D. WALTERS. REPORT ON LUPINUS NIPOMENSIS. 1986-11-XX.
MIN81R0001	MINNICH, L. STATUS REPORT ON LUPINUS NIPOMENSIS. 1981-XX-XX.
MYE88U0003	MYERS, M. ELEMENT CONSERVATION PLAN FOR LUPINUS NIPOMENSIS. 1988-12-XX.

Lupinus nipomensis

Nipomo Mesa lupine

Element Code: PDFAB2B550

Status

Federal: Endangered

State: Endangered

NDDB Element Ranks

Global: G1

State: S1.1

Other Lists

CNPS List: 1B.1

Habitat Associations

General: COASTAL DUNES.

Micro: DRY SANDY FLATS, RESTRICTED TO BACK DUNES, ASSOC. WITH CENTRAL DUNE SCRUB HABITAT - A RARE COMMUNITY TYPE. 10-50M.

Occurrence No. 4

Map Index: 36830

EO Index: 19042

Dates Last Seen

Occ Rank: Good

Origin: Natural/Native occurrence

Presence: Presumed Extant

Trend: Unknown

Element: 1988-04-02

Site: 1988-04-02

Record Last Updated: 1998-12-24

Quad Summary: Oceano (3512015/221D)

County Summary: San Luis Obispo

Lat/Long: 35.03861° / -120.58276°

UTM: Zone-10 N3879996 E720495

Mapping Precision: SPECIFIC

Symbol Type: POLYGON

Area: 18.7 acres

Township: 11N

Range: 35W

Section: 17 Qtr: XX

Meridian: S

Elevation: 160 ft

Location: SOUTHEAST OF SANTA MARIA OIL REFINERY, ABOUT 1.2 MILES SSE OF JUNCTION OF HIGHWAY 1 AND CALLENDER ROAD, SOUTH OF OCEANO.

Location Detail: APPROX 0.75 AIR MILE SOUTHEAST OF MAIN ENTRANCE TO UNOCAL REFINERY.

Ecological: CENTRAL COAST DUNE SCRUB. ASSOCIATED WITH ERICAMERIA ERICOIDES, SALVIA MELLIFERA, ERIOGONUM PARVIFOLIUM, CASTILLEJA EXSERTA, HORKELIA CUNEATA, CROTON CALIFORNICUS, ABRONIA UMBELLATA, CRYPTANTHA CLEVELANDII, ESCHSCHOLZIA CALIFORNICA ET AL.

Threat: TRAMPLING, GRAZING, DEVELOPMENT, AND POLLUTION (EMISSIONS) FROM REFINERIES.

General: FEWER THAN 50 PLANTS OBSERVED IN 1986, 44 IN 1987, 636 IN 1988. OTHER RARE PLANTS INCLUDE ERIGERON FOLIOSUS BLOCHMANIAE, DELPHINIUM PARRYI BLOCHMANIAE, PRUNUS FASCICULATA PUNCTATA, ERYSIMUM INSULARE SUFFRUTESCENS, AND MONARDELLA CRISPA.

Owner/Manager: PVT-UNOCAL

Sources

BOW86F0010 BOWLAND, J. FIELD SURVEY FORM FOR LUPINUS NIPOMENSIS. 1986-XX-XX.

HOW88F0014 HOWALD, A. FIELD SURVEY FORM & MAP FOR LUPINUS NIPOMENSIS. 1988-04-02.

HOW88M0001 HOWALD, A. MAP OF LUPINUS NIPOMENSIS (ACCOMPANIED HOW88F0007-HOW88F0017 IN GMF 3512015). 1988-04-03.

MCL86U0011 MCLEOD, M. & D. WALTERS. REPORT ON LUPINUS NIPOMENSIS. 1986-11-XX.

MYE88U0003 MYERS, M. ELEMENT CONSERVATION PLAN FOR LUPINUS NIPOMENSIS. 1988-12-XX.

WAL87M0001 WALTERS, D. MAP OF DISTRIBUTION. 1987-04-04.

WAL88R0001 WALTERS, D.R. & B. WALTERS. TAXONOMY, DEMOGRAPHY, AND ECOLOGY OF LUPINUS NIPOMENSIS. 1988-01-16.

Lupinus nipomensis

Nipomo Mesa lupine

Element Code: PDFAB2B550

Status

Federal: Endangered

State: Endangered

NDDB Element Ranks

Global: G1

State: S1.1

Other Lists

CNPS List: 1B.1

Habitat Associations

General: COASTAL DUNES.

Micro: DRY SANDY FLATS, RESTRICTED TO BACK DUNES, ASSOC. WITH CENTRAL DUNE SCRUB HABITAT - A RARE COMMUNITY TYPE. 10-50M.

Occurrence No. 7

Map Index: 40425

EO Index: 35432

Dates Last Seen

Occ Rank: Fair

Element: 1988-04-03

Origin: Natural/Native occurrence

Site: 1988-04-03

Presence: Presumed Extant

Trend: Unknown

Record Last Updated: 1998-12-24

Quad Summary: Oceano (3512015/221D)

County Summary: San Luis Obispo

Lat/Long: 35.03586° / -120.57127°

Township: 11N

UTM: Zone-10 N3879716 E721551

Range: 35W

Mapping Precision: SPECIFIC

Section: 16 **Qtr:** XX

Symbol Type: POLYGON

Meridian: S

Area: 6.3 acres

Elevation: 180 ft

Location: EAST OF SANTA MARIA OIL REFINERY, ABOUT 0.8 MILE SSW OF JCT OF HIGHWAY 1 AND WILLOW RD, SOUTH OF OCEANO ON NIPOMO MESA.

Location Detail:

Ecological: PROBABLY WAS CENTRAL COAST DUNE SCRUB, BUT GRAZING HAS VIRTUALLY ELIMINATED ALL SHRUBS. VEGETATION COMPOSED OF BROMUS RUBENS, VULPIA BROMOIDES, CHORIZANTHE ANGUSTIFOLIUM, CRYPTANTHA CLEVELANDII, AMSINCKIA SPECTABILIS, ERHARTA CALYCINA, ETC.

Threat: SHEEP GRAZING HAS ELIMINATED VIRTUALLY ALL SHRUBS. POTENTIAL DEVELOPMENT ALSO THREATENS.

General: 1300+ PLANTS OBSERVED IN 1988.

Owner/Manager: PVT

Sources

HOW88F0017 HOWALD, A. FIELD SURVEY FORM & MAP FOR LUPINUS NIPOMENSIS. 1988-04-03.

HOW88M0001 HOWALD, A. MAP OF LUPINUS NIPOMENSIS (ACCOMPANIED HOW88F0007-HOW88F0017 IN GMF 3512015). 1988-04-03.

MYE88U0003 MYERS, M. ELEMENT CONSERVATION PLAN FOR LUPINUS NIPOMENSIS. 1988-12-XX.

Lupinus nipomensis

Nipomo Mesa lupine

Element Code: PDFAB2B550

Status

Federal: Endangered

State: Endangered

NDDB Element Ranks

Global: G1

State: S1.1

Other Lists

CNPS List: 1B.1

Habitat Associations

General: COASTAL DUNES.

Micro: DRY SANDY FLATS, RESTRICTED TO BACK DUNES, ASSOC. WITH CENTRAL DUNE SCRUB HABITAT - A RARE COMMUNITY TYPE. 10-50M.

Occurrence No. 8

Map Index: 40820

EO Index: 40820

Dates Last Seen

Occ Rank: Poor

Origin: Natural/Native occurrence

Presence: Presumed Extant

Trend: Unknown

Element: 1998-05-19

Site: 1998-05-19

Record Last Updated: 1999-02-09

Quad Summary: Oceano (3512015/221D)

County Summary: San Luis Obispo

Lat/Long: 35.04237° / -120.59700°

UTM: Zone-10 N3880381 E719186

Mapping Precision: SPECIFIC

Symbol Type: POLYGON

Area: 5.8 acres

Township: 11N

Range: 35W

Section: 07 **Qtr:** XX

Meridian: S

Elevation: 80 ft

Location: CALLENDER DUNES NORTHEAST OF JACK LAKE, SOUTH OF OCEANO.

Location Detail: TWO COLONIES MAPPED AT THIS OCCURRENCE; ABOUT 0.2 MILE NNE OF JACK LAKE AND 0.4 MILE NE OF JACK LAKE.

Ecological: STABILIZED DUNE SCRUB WITH CARDIONEMA, CONICOSIA, AND CROTON CALIFORNICA.

Threat: HABITAT DISPLACEMENT BY INVASIVE EHRHARTIA CALYCINA.

General: 80 PLANTS OBSERVED IN TWO COLONIES IN 1998. THE RARE MUCRONEA CALIFORNICA ALSO OCCURS HERE AND CIRSIUM LONCHOLEPIS OCCURS NEARBY.

Owner/Manager: DPR-OCEANO SVRA

Sources

CHE98F0009 CHESNUT, J. FIELD SURVEY FORM FOR LUPINUS NIPOMENSIS. 1998-05-17.

CHE98F0010 CHESNUT, J. FIELD SURVEY FORM FOR LUPINUS NIPOMENSIS. 1998-05-19.

CHE98R0001 CHESNUT, J. RECONNAISSANCE SURVEY FOR RARE PLANTS ON THE OCEANO DUNES SVRA. 1998-09-29.

Lupinus nipomensis

Nipomo Mesa lupine

Element Code: PDFAB2B550

Status

Federal: Endangered

State: Endangered

NDDB Element Ranks

Global: G1

State: S1.1

Other Lists

CNPS List: 1B.1

Habitat Associations

General: COASTAL DUNES.

Micro: DRY SANDY FLATS, RESTRICTED TO BACK DUNES, ASSOC. WITH CENTRAL DUNE SCRUB HABITAT - A RARE COMMUNITY TYPE. 10-50M.

Occurrence No. 9

Map Index: 40821

EO Index: 40821

Dates Last Seen

Occ Rank: Poor

Element: 1998-05-20

Origin: Natural/Native occurrence

Site: 1998-05-20

Presence: Presumed Extant

Trend: Unknown

Record Last Updated: 1999-02-09

Quad Summary: Oceano (3512015/221D)

County Summary: San Luis Obispo

Lat/Long: 35.04672° / -120.59970°

Township: 11N

UTM: Zone-10 N3880858 E718928

Range: 35W

Mapping Precision: SPECIFIC

Section: 07 Qtr: XX

Symbol Type: POINT

Meridian: S

Radius: 80 meters

Elevation: 80 ft

Location: CALLENDER DUNES, ABOUT 0.6 MILE NORTH OF JACK LAKE, SOUTH OF OCEANO.

Location Detail: SINGLE COLONY MAPPED ABOUT 800 M SSW OF BENCHMARK AT CALLENDER.

Ecological: STABILIZED DUNE SCRUB WITH EHRHARTA CALYCINA DOMINANT. ASSOCIATED WITH CASTILLEJA EXSERTA, DUDLEYA LANCEOLATA, ERICAMERIA ERICOIDES, HORKELIA CUNEATA, LOTUS, ESCHSCHOLZIA, LINARIA, LESSINGIA, CARDIONEMA, CONICOSIA, AND CROTON CALIFORNICA.

Threat: HABITAT DISPLACEMENT BY INVASIVE EHRHARTIA CALYCINA.

General: 12 PLANTS OBSERVED IN 1998. THE RARE PRUNUS FASCISULATA VAR. PUNCTATA AND HORKELIA CUNEATA VAR. SERICEA OCCUR NEARBY.

Owner/Manager: DPR-OCEANO SVRA

Sources

CHE98F0011 CHESNUT, J. FIELD SURVEY FORM FOR LUPINUS NIPOMENSIS & HORKELIA CUNEATA SSP. SERICEA. 1998-05-20.

CHE98R0001 CHESNUT, J. RECONNAISSANCE SURVEY FOR RARE PLANTS ON THE OCEANO DUNES SVRA. 1998-09-29.