onterey spineflower			ode: PDPGN040M2	
State		- NDDB Element Ranks	Other Lists	
Federal: Threater	ned	Global: G2T2	CNPS List: 1B	
State: None		State: S2.2	R-E-D Code: 2-2-3	
Habitat As				
	AL DUNES, CHAPARRAL, CISMONTANE \	WOODLAND, COASTAL SCRUB. ILAND WITHIN CHAPARRAL OR OTHER HABITATS. 0	150M	
MIGRO: SANDT	SOLS IN COASTAL DONES ON MORE IN	LAND WITHIN CHAPAKKAE OK OTHEK HABITATS. 0	-130101.	
Occurrence No.	. 2 Map Index: 41985	EO Index: 29609	Dates Las	st 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
Main Source:	ARMY CORPS OF ENGINEERS 1992 (LI	Т)		
Quad Summary	SPRECKELS (3612156/365C), SEASIDE	(3612157/366D), SALINAS (3612166/365B), MARINA (36	612167/366A)	
County Summary	: MONTEREY			
Lat/Long:	36.63128º / -121.76629º		Township: 15S	
UTM:	Zone-10 N4054678 E610301		Range: 02E	
Area:	16,678.2 ac	Mapping PrecisionNON-SPECIFIC	Section: 08	Qtr: XX
Elevation:	: 400 ft	Symbol Type:POLYGON	Meridian: M	
Ecological Threat:	24 OCCURRENCES WERE LUMPED INTO INCLUDE: ALONG BLANCO RD, 0.1 MI E : GILIA TENUIFLORA ARENARIA ALSO FO ORVS AND POTENTIAL ROAD WIDENIN MAIN INFORMATION SOURCE IS VAGU	IG THREATEN. E MAP; DETAILED SURVEYS AND ECOLOGICAL INFO	C LOCALITIES WHERE PLANTS G, & 0.3 MI E OF JCT RESERVA DRMATION NEEDED. INCLUDE	S HAVE BEEN SE ATION RD & BEYN
Ecological Threat: General:	24 OCCURRENCES WERE LUMPED INTO INCLUDE: ALONG BLANCO RD, 0.1 MI E : GILIA TENUIFLORA ARENARIA ALSO FO ORVS AND POTENTIAL ROAD WIDENIN MAIN INFORMATION SOURCE IS VAGU	D THIS HUGE, MORE GENERAL ONE. MORE SPECIFIC E OF RESERVATION RD, SAND DUNES NEAR GIGLING DUND IN THIS VICINITY. IG THREATEN.	C LOCALITIES WHERE PLANTS G, & 0.3 MI E OF JCT RESERVA DRMATION NEEDED. INCLUDE	S HAVE BEEN SE ATION RD & BEYE
Ecological Threat: General: Owner/Manager	4 OCCURRENCES WERE LUMPED INTO INCLUDE: ALONG BLANCO RD, 0.1 MI E GILIA TENUIFLORA ARENARIA ALSO FO ORVS AND POTENTIAL ROAD WIDENIN MAIN INFORMATION SOURCE IS VAGU OCCURRENCE #S 11, 22, 23, 33. ONLY SURVEYED IN 1992. BLM-FORT ORD	D THIS HUGE, MORE GENERAL ONE. MORE SPECIFIC FOF RESERVATION RD, SAND DUNES NEAR GIGLING DUND IN THIS VICINITY. IG THREATEN. E MAP; DETAILED SURVEYS AND ECOLOGICAL INFO THE AREA AT RESERVATION RD & BEYER ST SURVI	C LOCALITIES WHERE PLANT: G, & 0.3 MI E OF JCT RESERVA DRMATION NEEDED. INCLUDE EYED IN 1994; REMAINDER OI	S HAVE BEEN SE ATION RD & BEYF S FORMER F OCCURRENCE
Ecological Threat: General: Owner/Manager Occurrence No.	4 OCCURRENCES WERE LUMPED INTO INCLUDE: ALONG BLANCO RD, 0.1 MI E GILIA TENUIFLORA ARENARIA ALSO FO ORVS AND POTENTIAL ROAD WIDENIN MAIN INFORMATION SOURCE IS VAGU OCCURRENCE #'S 11, 22, 23, 33. ONLY SURVEYED IN 1992. BLM-FORT ORD 4 Map Index: 22099	D THIS HUGE, MORE GENERAL ONE. MORE SPECIFIC COF RESERVATION RD, SAND DUNES NEAR GIGLING DUND IN THIS VICINITY. IG THREATEN. E MAP; DETAILED SURVEYS AND ECOLOGICAL INFO	C LOCALITIES WHERE PLANTS 3, & 0.3 MI E OF JCT RESERVA ORMATION NEEDED. INCLUDE EYED IN 1994; REMAINDER OF	S HAVE BEEN SE ATION RD & BEYN S FORMER F OCCURRENCE
Ecological Threat: General: Owner/Manager Occurrence No. Occ Rank:	4 OCCURRENCES WERE LUMPED INTO INCLUDE: ALONG BLANCO RD, 0.1 MI E GILIA TENUIFLORA ARENARIA ALSO FO ORVS AND POTENTIAL ROAD WIDENIN MAIN INFORMATION SOURCE IS VAGU OCCURRENCE #\$ 11, 22, 23, 33. ONLY SURVEYED IN 1992. BLM-FORT ORD 4 Map Index: 22099 Unknown	D THIS HUGE, MORE GENERAL ONE. MORE SPECIFIC FOF RESERVATION RD, SAND DUNES NEAR GIGLING DUND IN THIS VICINITY. IG THREATEN. E MAP; DETAILED SURVEYS AND ECOLOGICAL INFO THE AREA AT RESERVATION RD & BEYER ST SURVI	C LOCALITIES WHERE PLANTS G, & 0.3 MI E OF JCT RESERVA ORMATION NEEDED. INCLUDE EYED IN 1994; REMAINDER OF —— Dates La: Element:	S HAVE BEEN SE ATION RD & BEYN S FORMER F OCCURRENCE st Seen 1963-06-08
Ecological Threat: General: Owner/Manager Occurrence No. Occ Rank: Origin:	4 OCCURRENCES WERE LUMPED INTO INCLUDE: ALONG BLANCO RD, 0.1 MI E GILIA TENUIFLORA ARENARIA ALSO FO ORVS AND POTENTIAL ROAD WIDENIN MAIN INFORMATION SOURCE IS VAGU OCCURRENCE #S 11, 22, 23, 33. ONLY SURVEYED IN 1992. BLM-FORT ORD 4 Map Index: 22099 Unknown Natural/Native occurrence	D THIS HUGE, MORE GENERAL ONE. MORE SPECIFIC FOF RESERVATION RD, SAND DUNES NEAR GIGLING DUND IN THIS VICINITY. IG THREATEN. E MAP; DETAILED SURVEYS AND ECOLOGICAL INFO THE AREA AT RESERVATION RD & BEYER ST SURVI	C LOCALITIES WHERE PLANTS G, & 0.3 MI E OF JCT RESERVA ORMATION NEEDED. INCLUDE EYED IN 1994; REMAINDER OF —— Dates La: Element:	S HAVE BEEN SE ATION RD & BEYN S FORMER F OCCURRENCE
Ecological Threat: General: Owner/Manager Occurrence No. Occ Rank: Origin: Presence:	4 OCCURRENCES WERE LUMPED INTO INCLUDE: ALONG BLANCO RD, 0.1 MI E GILIA TENUIFLORA ARENARIA ALSO FO ORVS AND POTENTIAL ROAD WIDENIN MAIN INFORMATION SOURCE IS VAGU OCCURRENCE #S 11, 22, 23, 33. ONLY SURVEYED IN 1992. BLM-FORT ORD 4 Map Index: 22099 Unknown Natural/Native occurrence Presumed Extant	D THIS HUGE, MORE GENERAL ONE. MORE SPECIFIC FOF RESERVATION RD, SAND DUNES NEAR GIGLING DUND IN THIS VICINITY. IG THREATEN. E MAP; DETAILED SURVEYS AND ECOLOGICAL INFO THE AREA AT RESERVATION RD & BEYER ST SURVI	C LOCALITIES WHERE PLANTS G, & 0.3 MI E OF JCT RESERVA ORMATION NEEDED. INCLUDE EYED IN 1994; REMAINDER OF —— Dates La: Element:	S HAVE BEEN SE ATION RD & BEYN S FORMER F OCCURRENCE st Seen 1963-06-08 1963-06-08
Ecological Threat: General: Owner/Manager Occurrence No. Occ Rank: Orcigin: Presence: Trend:	4 OCCURRENCES WERE LUMPED INTO INCLUDE: ALONG BLANCO RD, 0.1 MI E GILIA TENUIFLORA ARENARIA ALSO FO ORVS AND POTENTIAL ROAD WIDENIN MAIN INFORMATION SOURCE IS VAGU OCCURRENCE #S 11, 22, 23, 33. ONLY SURVEYED IN 1992. BLM-FORT ORD 4 Map Index: 22099 Unknown Natural/Native occurrence	D THIS HUGE, MORE GENERAL ONE. MORE SPECIFIC FOF RESERVATION RD, SAND DUNES NEAR GIGLING DUND IN THIS VICINITY. IG THREATEN. E MAP; DETAILED SURVEYS AND ECOLOGICAL INFO THE AREA AT RESERVATION RD & BEYER ST SURVI	C LOCALITIES WHERE PLANTS G, & 0.3 MI E OF JCT RESERVA DRMATION NEEDED. INCLUDE EYED IN 1994; REMAINDER OF Dates Las Element: Site:	S HAVE BEEN SE ATION RD & BEYN S FORMER F OCCURRENCE st Seen 1963-06-08 1963-06-08
Ecological Threat: General: Owner/Manager Occurrence No. Occ Rank: Origin: Presence: Trend: Main Source:	A OCCURRENCES WERE LUMPED INTO INCLUDE: ALONG BLANCO RD, 0.1 MI E GILIA TENUIFLORA ARENARIA ALSO FO ORVS AND POTENTIAL ROAD WIDENIN MAIN INFORMATION SOURCE IS VAGU OCCURRENCE #S 11, 22, 23, 33. ONLY SURVEYED IN 1992. BLM-FORT ORD 4 Map Index: 22099 Unknown Natural/Native occurrence Presumed Extant Unknown HOOVER, R. #5223 UC (HERB)	D THIS HUGE, MORE GENERAL ONE. MORE SPECIFIC FOF RESERVATION RD, SAND DUNES NEAR GIGLING DUND IN THIS VICINITY. IG THREATEN. E MAP; DETAILED SURVEYS AND ECOLOGICAL INFO THE AREA AT RESERVATION RD & BEYER ST SURVI	C LOCALITIES WHERE PLANTS G, & 0.3 MI E OF JCT RESERVA DRMATION NEEDED. INCLUDE EYED IN 1994; REMAINDER OF Dates Las Element: Site:	S HAVE BEEN SE ATION RD & BEYN S FORMER F OCCURRENCE st Seen 1963-06-08 1963-06-08
Ecological Threat: General: Owner/Manager Occurrence No. Occ Rank: Origin: Presence: Trend: Main Source: Quad Summary:	4 OCCURRENCES WERE LUMPED INTO INCLUDE: ALONG BLANCO RD, 0.1 MI E GILIA TENUIFLORA ARENARIA ALSO FO ORVS AND POTENTIAL ROAD WIDENIN MAIN INFORMATION SOURCE IS VAGU OCCURRENCE #S 11, 22, 23, 33. ONLY SURVEYED IN 1992. BLM-FORT ORD 4 Map Index: 22099 Unknown Natural/Native occurrence Presumed Extant Unknown HOOVER, R. #5223 UC (HERB) MONTEREY (3612158/366C)	D THIS HUGE, MORE GENERAL ONE. MORE SPECIFIC FOF RESERVATION RD, SAND DUNES NEAR GIGLING DUND IN THIS VICINITY. IG THREATEN. E MAP; DETAILED SURVEYS AND ECOLOGICAL INFO THE AREA AT RESERVATION RD & BEYER ST SURVI	C LOCALITIES WHERE PLANTS G, & 0.3 MI E OF JCT RESERVA DRMATION NEEDED. INCLUDE EYED IN 1994; REMAINDER OF Dates Las Element: Site:	S HAVE BEEN SE ATION RD & BEYN S FORMER F OCCURRENCE st Seen 1963-06-08 1963-06-08
Ecological Threat: General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Main Source: Quad Summary: County Summary	4 OCCURRENCES WERE LUMPED INTO INCLUDE: ALONG BLANCO RD, 0.1 MI E GILIA TENUIFLORA ARENARIA ALSO FO ORVS AND POTENTIAL ROAD WIDENIN MAIN INFORMATION SOURCE IS VAGU OCCURRENCE #S 11, 22, 23, 33. ONLY SURVEYED IN 1992. BLM-FORT ORD 4 Map Index: 22099 Unknown Natural/Native occurrence Presumed Extant Unknown HOOVER, R. #5223 UC (HERB) MONTEREY (3612158/366C) MONTEREY	D THIS HUGE, MORE GENERAL ONE. MORE SPECIFIC FOF RESERVATION RD, SAND DUNES NEAR GIGLING DUND IN THIS VICINITY. IG THREATEN. E MAP; DETAILED SURVEYS AND ECOLOGICAL INFO THE AREA AT RESERVATION RD & BEYER ST SURVI	C LOCALITIES WHERE PLANTS G, & 0.3 MI E OF JCT RESERVA DRMATION NEEDED. INCLUDE EYED IN 1994; REMAINDER OF Dates Las Element: Site: Record Last Updated:	S HAVE BEEN SE ATION RD & BEYN S FORMER F OCCURRENCE st Seen 1963-06-08 1963-06-08
Ecological Threat: General: Owner/Manager Occurrence No. Occ Rank: Origin: Presence: Trend: Main Source: Quad Summary: County Summary Lat/Long:	A OCCURRENCES WERE LUMPED INTO INCLUDE: ALONG BLANCO RD, 0.1 MI E GILIA TENUIFLORA ARENARIA ALSO FO ORVS AND POTENTIAL ROAD WIDENIN MAIN INFORMATION SOURCE IS VAGU OCCURRENCE #\$ 11, 22, 23, 33. ONLY SURVEYED IN 1992. BLM-FORT ORD 4 Map Index: 22099 Unknown Natural/Native occurrence Presumed Extant Unknown HOOVER, R. #5223 UC (HERB) MONTEREY (3612158/366C) MONTEREY 36.62722 ^o / -121.93933 ^o	D THIS HUGE, MORE GENERAL ONE. MORE SPECIFIC FOF RESERVATION RD, SAND DUNES NEAR GIGLING DUND IN THIS VICINITY. IG THREATEN. E MAP; DETAILED SURVEYS AND ECOLOGICAL INFO THE AREA AT RESERVATION RD & BEYER ST SURVI	C LOCALITIES WHERE PLANTS G, & 0.3 MI E OF JCT RESERVA ORMATION NEEDED. INCLUDE EYED IN 1994; REMAINDER OF —— Dates Las Element: Site: Record Last Updated: —— Township: 15S	S HAVE BEEN SE ATION RD & BEYN S FORMER F OCCURRENCE st Seen 1963-06-08 1963-06-08
Ecological Threat: General: Owner/Manager Occurrence No. Occ Rank: Origin: Presence: Trend: Main Source: Quad Summary County Summary Lat/Long: UTM:	A OCCURRENCES WERE LUMPED INTO INCLUDE: ALONG BLANCO RD, 0.1 MI E GILIA TENUIFLORA ARENARIA ALSO FO ORVS AND POTENTIAL ROAD WIDENIN MAIN INFORMATION SOURCE IS VAGU OCCURRENCE #S 11, 22, 23, 33. ONLY SURVEYED IN 1992. BLM-FORT ORD 4 Map Index: 22099 Unknown Natural/Native occurrence Presumed Extant Unknown Natural/Native occurrence Presumed Extant Unknown Natural/Native occurrence Presumed Extant Unknown HOOVER, R. #5223 UC (HERB) MONTEREY (3612158/366C) MONTEREY 36.62722 ^o / -121.93933 ^o Zone-10 N4054043 E594834	D THIS HUGE, MORE GENERAL ONE. MORE SPECIFIC COF RESERVATION RD, SAND DUNES NEAR GIGLING DUND IN THIS VICINITY. IG THREATEN. E MAP; DETAILED SURVEYS AND ECOLOGICAL INFO THE AREA AT RESERVATION RD & BEYER ST SURVI EO Index: 8270	C LOCALITIES WHERE PLANTS G, & 0.3 MI E OF JCT RESERVA DORMATION NEEDED. INCLUDE EYED IN 1994; REMAINDER OF — Dates La: Element: Site: Record Last Updated: — Township: 15S Range: 01W	S HAVE BEEN SE ATION RD & BEYN S FORMER F OCCURRENCE 1963-06-08 1963-06-08 1993-01-14
Ecological Threat: General: Owner/Manager Occurrence No. Occ Rank: Origin: Presence: Trend: Main Source: Quad Summary County Summary Lat/Long: UTM: Area:	A OCCURRENCES WERE LUMPED INTO INCLUDE: ALONG BLANCO RD, 0.1 MI E GILIA TENUIFLORA ARENARIA ALSO FO ORVS AND POTENTIAL ROAD WIDENIN MAIN INFORMATION SOURCE IS VAGU OCCURRENCE #'S 11, 22, 23, 33. ONLY SURVEYED IN 1992. BLM-FORT ORD A Map Index: 22099 Unknown Natural/Native occurrence Presumed Extant Unknown HOOVER, R. #5223 UC (HERB) MONTEREY 36.62722° / -121.93933° Zone-10 N4054043 E594834 153.7 ac	D THIS HUGE, MORE GENERAL ONE. MORE SPECIFIC OF RESERVATION RD, SAND DUNES NEAR GIGLING OUND IN THIS VICINITY. IG THREATEN. E MAP; DETAILED SURVEYS AND ECOLOGICAL INFO THE AREA AT RESERVATION RD & BEYER ST SURVI EO Index: 8270	C LOCALITIES WHERE PLANTS G, & 0.3 MI E OF JCT RESERVA DRMATION NEEDED. INCLUDE EYED IN 1994; REMAINDER OF — Dates Las Element: Site: Record Last Updated: — Township: 15S Range: 01W Section: XX	S HAVE BEEN SE ATION RD & BEYN S FORMER F OCCURRENCE st Seen 1963-06-08 1963-06-08
Ecological Threat: General: Owner/Manager Occurrence No. Occ Rank: Origin: Presence: Trend: Main Source: Quad Summary County Summary Lat/Long: UTM:	A OCCURRENCES WERE LUMPED INTO INCLUDE: ALONG BLANCO RD, 0.1 MI E GILIA TENUIFLORA ARENARIA ALSO FO ORVS AND POTENTIAL ROAD WIDENIN MAIN INFORMATION SOURCE IS VAGU OCCURRENCE #'S 11, 22, 23, 33. ONLY SURVEYED IN 1992. BLM-FORT ORD A Map Index: 22099 Unknown Natural/Native occurrence Presumed Extant Unknown HOOVER, R. #5223 UC (HERB) MONTEREY 36.62722° / -121.93933° Zone-10 N4054043 E594834 153.7 ac	D THIS HUGE, MORE GENERAL ONE. MORE SPECIFIC COF RESERVATION RD, SAND DUNES NEAR GIGLING DUND IN THIS VICINITY. IG THREATEN. E MAP; DETAILED SURVEYS AND ECOLOGICAL INFO THE AREA AT RESERVATION RD & BEYER ST SURVI EO Index: 8270	C LOCALITIES WHERE PLANTS G, & 0.3 MI E OF JCT RESERVA DORMATION NEEDED. INCLUDE EYED IN 1994; REMAINDER OF — Dates La: Element: Site: Record Last Updated: — Township: 15S Range: 01W	S HAVE BEEN SE ATION RD & BEYN S FORMER F OCCURRENCE 1963-06-08 1963-06-08 1993-01-14
Ecological Threat: General: Owner/Manager Occurrence No. Occ Rank: Origin: Presence: Trend: Main Source: Quad Summary County Summary Lat/Long: UTM: Area: Elevation:	A OCCURRENCES WERE LUMPED INTO INCLUDE: ALONG BLANCO RD, 0.1 MI E GILIA TENUIFLORA ARENARIA ALSO FO ORVS AND POTENTIAL ROAD WIDENIN MAIN INFORMATION SOURCE IS VAGU OCCURRENCE #'S 11, 22, 23, 33. ONLY SURVEYED IN 1992. BLM-FORT ORD A Map Index: 22099 Unknown Natural/Native occurrence Presumed Extant Unknown HOOVER, R. #5223 UC (HERB) MONTEREY 36.62722° / -121.93933° Zone-10 N4054043 E594834 153.7 ac	D THIS HUGE, MORE GENERAL ONE. MORE SPECIFIC COF RESERVATION RD, SAND DUNES NEAR GIGLING DUND IN THIS VICINITY. IG THREATEN. E MAP; DETAILED SURVEYS AND ECOLOGICAL INFO THE AREA AT RESERVATION RD & BEYER ST SURVI EO Index: 8270 Mapping PrecisionNON-SPECIFIC Symbol Type:POLYGON	C LOCALITIES WHERE PLANTS G, & 0.3 MI E OF JCT RESERVA DRMATION NEEDED. INCLUDE EYED IN 1994; REMAINDER OF — Dates Las Element: Site: Record Last Updated: — Township: 15S Range: 01W Section: XX	S HAVE BEEN SE ATION RD & BEYE S FORMER F OCCURRENCE 1963-06-08 1963-06-08 1993-01-14
Ecological Threat: General: Owner/Manager Occurrence No. Occ Rank: Origin: Presence: Trend: Main Source: Quad Summary: County Summary Lat/Long: UTM: Area: Elevation:	A OCCURRENCES WERE LUMPED INTO INCLUDE: ALONG BLANCO RD, 0.1 MI E GILIA TENUIFLORA ARENARIA ALSO FO ORVS AND POTENTIAL ROAD WIDENIN MAIN INFORMATION SOURCE IS VAGU OCCURRENCE #\$ 11, 22, 23, 33. ONLY SURVEYED IN 1992. BLM-FORT ORD 4 Map Index: 22099 Unknown Natural/Native occurrence Presumed Extant Unknown HOOVER, R. #5223 UC (HERB) MONTEREY (3612158/366C) MONTEREY 36.62722° / -121.93933° Zone-10 N4054043 E594834 153.7 ac 20 ft	D THIS HUGE, MORE GENERAL ONE. MORE SPECIFIC COF RESERVATION RD, SAND DUNES NEAR GIGLING DUND IN THIS VICINITY. IG THREATEN. E MAP; DETAILED SURVEYS AND ECOLOGICAL INFO THE AREA AT RESERVATION RD & BEYER ST SURVI EO Index: 8270 Mapping PrecisionNON-SPECIFIC Symbol Type:POLYGON	C LOCALITIES WHERE PLANTS G, & 0.3 MI E OF JCT RESERVA DRMATION NEEDED. INCLUDE EYED IN 1994; REMAINDER OF — Dates Las Element: Site: Record Last Updated: — Township: 15S Range: 01W Section: XX	S HAVE BEEN SE ATION RD & BEYE S FORMER F OCCURRENCE 1963-06-08 1963-06-08 1993-01-14
Ecological Threat: General: Owner/Manager Occurrence No. Occ Rank: Origin: Presence: Trend: Main Source: Quad Summary: County Summary County Summary Lat/Long: UTM: Area: Elevation Location Detail	A OCCURRENCES WERE LUMPED INTO INCLUDE: ALONG BLANCO RD, 0.1 MI E GILIA TENUIFLORA ARENARIA ALSO FO ORVS AND POTENTIAL ROAD WIDENIN MAIN INFORMATION SOURCE IS VAGU OCCURRENCE #\$ 11, 22, 23, 33. ONLY SURVEYED IN 1992. BLM-FORT ORD 4	D THIS HUGE, MORE GENERAL ONE. MORE SPECIFIC COF RESERVATION RD, SAND DUNES NEAR GIGLING DUND IN THIS VICINITY. IG THREATEN. E MAP; DETAILED SURVEYS AND ECOLOGICAL INFO THE AREA AT RESERVATION RD & BEYER ST SURVI EO Index: 8270 Mapping PrecisionNON-SPECIFIC Symbol Type:POLYGON OSE IN 1963.	C LOCALITIES WHERE PLANTS G, & 0.3 MI E OF JCT RESERVA DRMATION NEEDED. INCLUDE EYED IN 1994; REMAINDER OF — Dates Las Element: Site: Record Last Updated: — Township: 15S Range: 01W Section: XX	S HAVE BEEN SE ATION RD & BEYN S FORMER F OCCURRENCE 1963-06-08 1963-06-08 1993-01-14

nterey spineflower Statu	IS	NDDB Element Ranks	Element Code: PDPGN040M2 Other Lists	
Federal: Threater State: None		Global: G2T2 State: S2.2	CNPS List: 1B R-E-D Code: 2-2-3	
	AL DUNES, CHAPARRAL, CISMONTANE SOILS IN COASTAL DUNES OR MORE I	: WOODLAND, COASTAL SCRUB. INLAND WITHIN CHAPARRAL OR OTHER H	ABITATS. 0-150M.	
Occurrence No.	5 Map Index: 09802	EO Index: 28988	Dates Last	Seen —
Occ Rank:	•		Element: 1	
-	Natural/Native occurrence Presumed Extant		Site: 1	940-06-22
	Unknown		Record Last Updated: 1	989-08-11
Main Source:	TRACY, J. #16580 UC (HERB)			
Quad Summary:	MONTEREY (3612158/366C)			
County Summary	MONTEREY			
Lat/Long:			Township:	
UTM: Radius:		Mapping Precision:	Range: Section:	Qtr:
Elevation:		Symbol Type:	Meridian:	
Location	NEAR CYPRESS PT, MONTEREY PEN	INSULA.		
Ecological	IN SANDY SOIL NEAR OCEAN.			
General:	SPECIMEN ANNOTATED BY REVEAL,	1987.		
Owner/Manager:	UNKNOWN			
Occurrence No.	6 Map Index: 11476	EO Index: 20953	Dates Last	Seen —
Occ Rank:	Unknown		Element: 1	
-	Natural/Native occurrence Presumed Extant		Site: 1	920-04-06
	Unknown		Record Last Updated: 1	989-08-11
Main Source:	JEPSON, W. #8431 UC (HERB)			
	SOLEDAD (3612143/342A)			
County Summary				
-	36.40217º / -121.32798º Zone-10 N4029854 E649932		Township: 17S Range: 06W	
Radius:		Mapping PrecisionNON-SPE	-	Qtr: XX
Elevation:	170 ft	Symbol Type:POINT	Meridian: M	
Location	SANDY BED OF ARROYO SECO NEAR	MISSION SOLEDAD.		
General:	SPECIMEN ANNOTATED BY REVEAL,	1987.		
Owner/Manager:	UNKNOWN			
Occurrence No.		EO Index: 8274	Dates Last	
Occ Rank: Origin:	Unknown Natural/Native occurrence		Element: 1 Site: 1	989-04-XX 989-04-XX
-	Presumed Extant			
			Record Last Updated: 1	993-01-14
	YADON, V. 1989 (MAP)			
Quad Summary: County Summary:	PRUNEDALE (3612176/386C) MONTEREY			
	36.79967º / -121.67802º		Township: 13S	
UTM:	Zone-10 N4073464 E617935		Range: 03E	
Area: Elevation:	29.9 ac 300 ft	Mapping PrecisionSPECIFIC Symbol Type:POLYGO		Qtr: XX
	MANZANITA PARK NEAR PRUNEDALE			
			YBRIDS IN OPEN AREAS BETWEEN THICKE	TS OF
-	ARCTOSTAPHYLOS PAJAROENSIS, A			

Monterey spineflower Stat		NDDB Element Ranks	ode: PDPGN040M2 Other Lists
Federal: Threate State: None		Global: G2T2 State: S2.2	CNPS List: 1B R-E-D Code: 2-2-3
Habitat A	ssociations —		
General: COAST	AL DUNES, CHAPARRAL, CISMONTANE V	VOODLAND, COASTAL SCRUB.	
Micro: SANDY	SOILS IN COASTAL DUNES OR MORE IN	LAND WITHIN CHAPARRAL OR OTHER HABITATS. 0	-150M.
Occurrence No	. 8 Map Index: 10147	EO Index: 13849	Dates Last Seen
Occ Rank:			Element: 1992-04-14 Site: 1992-04-14
•	: Natural/Native occurrence : Presumed Extant		Site. 1992-04-14
	Unknown		Record Last Updated: 1996-02-15
Main Source	DORRELL-CANEPA, J. 1992 (OBS)		
Quad Summary	: SEASIDE (3612157/366D), MONTEREY (3	3612158/366C)	
County Summary	: MONTEREY		
Lat/Long	36.60146°/-121.87243°		Township: 15S
	Zone-10 N4051254 E600849		Range: 01E
Area: Elevation	27.5 ac 20 ft	Mapping PrecisionSPECIFIC Symbol Type:POLYGON	Section: XX Qtr: XX Meridian: M
		DUNES, BOTH SIDES OF ROAD TO WASTE TREATME	
Ecological	: ASSOCIATED WITH GILIA TENUIFLORA	SSP. ARENARIA, ERYSIMUM AMMOPHILUM, BROMU	IS DIANDRUS, AND MESEMBYANTHEMUM SP.
Threat	TRAMPLING, WEED CONTROL VIA HER	BICIDES AND INVASION BY ICEPLANT AND RIPGUT.	
General		AL, 1987. CHORIZANTHE ON SITE IN 1992 WAS PRO	DLIFIC BUT ID WAS UNCERTAIN AS TO WHETHER
	WAS C. PUNGENS PUNGENS OR C. ROI	BUSTA KOBUSTA.	
Owner/Manager	: DOD-NAVY POST GRADUATE SCHOOL		
Occurrence No	. 10 Map Index: 10027	EO Index: 20949	Dates Last Seen
Occ Rank:	Unknown		Element: 1908-06-17
-	Natural/Native occurrence		Site: 1908-06-17
	Presumed Extant Unknown		Record Last Updated: 1989-08-11
	BRANDEGEE, K. SN UC #112853 (HERB))	
Quad Summary	: MONTEREY (3612158/366C)		
County Summary	: MONTEREY		
Lat/Long	36.62245°/-121.91162°		Township: 99X
	Zone-10 N4053542 E597318		Range: 01W
	1 mile	Mapping PrecisionNON-SPECIFIC	Section: XX Qtr: XX
Radius:	20.4		Maxidian. M
Elevation		Symbol Type:POINT	Meridian: M
Elevation	: 20 ft : CLIFFS OF PACIFIC GROVE.		Meridian: M
Elevation		Symbol Type:POINT	Meridian: M
Elevation	: CLIFFS OF PACIFIC GROVE. : ALL SPECIMENS ANNOTATED BY REVE	Symbol Type:POINT	Meridian: M
Elevation Location General Owner/Manager	: CLIFFS OF PACIFIC GROVE. : ALL SPECIMENS ANNOTATED BY REVE : UNKNOWN	Symbol Type:POINT	
Elevation Location General:	: CLIFFS OF PACIFIC GROVE. : ALL SPECIMENS ANNOTATED BY REVE : UNKNOWN . 12 Map Index: 10407	Symbol Type:POINT	Meridian: M — Dates Last Seen — Element: 1936-05-01
Elevation Location General Owner/Manager Occurrence No Occ Rank: Origin:	CLIFFS OF PACIFIC GROVE. ALL SPECIMENS ANNOTATED BY REVE UNKNOWN 12 Map Index: 10407 Unknown Natural/Native occurrence	Symbol Type:POINT	Dates Last Seen
Elevation Location General Owner/Manager Occurrence No Occ Rank: Origin: Presence:	CLIFFS OF PACIFIC GROVE. ALL SPECIMENS ANNOTATED BY REVE UNKNOWN 12 Map Index: 10407 Unknown Natural/Native occurrence Presumed Extant	Symbol Type:POINT	Dates Last Seen Element: 1936-05-01 Site: 1936-05-01
Elevation Location General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend:	CLIFFS OF PACIFIC GROVE. ALL SPECIMENS ANNOTATED BY REVE UNKNOWN 12 Map Index: 10407 Unknown Natural/Native occurrence Presumed Extant Unknown	Symbol Type:POINT	Dates Last Seen Element: 1936-05-01
Elevation Location General Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Main Source	CLIFFS OF PACIFIC GROVE. ALL SPECIMENS ANNOTATED BY REVE UNKNOWN 12 Map Index: 10407 Unknown Natural/Native occurrence Presumed Extant Unknown YATES, H. #5571 UC (HERB)	Symbol Type:POINT	Dates Last Seen Element: 1936-05-01 Site: 1936-05-01
Elevation Location General Owner/Manager Occurrence No Occ Rank: Origin Presence: Trend: Main Source Quad Summary	CLIFFS OF PACIFIC GROVE. ALL SPECIMENS ANNOTATED BY REVE UNKNOWN 12 Map Index: 10407 Unknown Natural/Native occurrence Presumed Extant Unknown	Symbol Type:POINT	Dates Last Seen Element: 1936-05-01 Site: 1936-05-01
Elevation Location General Owner/Manager Occurrence No Occ Rank Origin Presence Trend: Main Source Quad Summary County Summary	: CLIFFS OF PACIFIC GROVE. : ALL SPECIMENS ANNOTATED BY REVE : UNKNOWN 12 Map Index: 10407 : Unknown : Natural/Native occurrence : Presumed Extant Unknown : YATES, H. #5571 UC (HERB) : MOSS LANDING (3612177/387D) : MONTEREY, SANTA CRUZ	Symbol Type:POINT	Dates Last Seen Element: 1936-05-01 Site: 1936-05-01 Record Last Updated: 1989-08-11
Elevation Location General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Main Source Quad Summary County Summary Lat/Long	CLIFFS OF PACIFIC GROVE. ALL SPECIMENS ANNOTATED BY REVE UNKNOWN 12 Map Index: 10407 Unknown Natural/Native occurrence Presumed Extant Unknown YATES, H. #5571 UC (HERB) MOSS LANDING (3612177/387D)	Symbol Type:POINT	Dates Last Seen Element: 1936-05-01 Site: 1936-05-01
Elevation Location General Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Main Source Quad Summary County Summary Lat/Long UTM: Radius:	CLIFFS OF PACIFIC GROVE. ALL SPECIMENS ANNOTATED BY REVE UNKNOWN 12 Map Index: 10407 Unknown Natural/Native occurrence Presumed Extant Unknown YATES, H. #5571 UC (HERB) MOSS LANDING (3612177/387D) MONTEREY, SANTA CRUZ 36.85296° / -121.81046° Zone-10 N4079221 E606045 1 mile	Symbol Type:POINT AL, 1987. EO Index: 20948 Mapping PrecisionNON-SPECIFIC	— Dates Last Seen — Element: 1936-05-01 Site: 1936-05-01 Record Last Updated: 1989-08-11 Township: 12S Range: 01E Section: XX Qtr: XX
Elevation Location General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Main Source Quad Summary County Summary Lat/Long UTM:	CLIFFS OF PACIFIC GROVE. ALL SPECIMENS ANNOTATED BY REVE UNKNOWN 12 Map Index: 10407 Unknown Natural/Native occurrence Presumed Extant Unknown YATES, H. #5571 UC (HERB) MOSS LANDING (3612177/387D) MONTEREY, SANTA CRUZ 36.85296° / -121.81046° Zone-10 N4079221 E606045 1 mile	Symbol Type:POINT AL, 1987. EO Index: 20948	
Elevation Location General Owner/Manager Occurrence No Occ Rank Origin Presence Trend: Main Source Quad Summary County Summary Lat/Long UTM: Radius: Elevation	CLIFFS OF PACIFIC GROVE. ALL SPECIMENS ANNOTATED BY REVE UNKNOWN 12 Map Index: 10407 Unknown Natural/Native occurrence Presumed Extant Unknown YATES, H. #5571 UC (HERB) MOSS LANDING (3612177/387D) MONTEREY, SANTA CRUZ 36.85296° / -121.81046° Zone-10 N4079221 E606045 1 mile	Symbol Type:POINT AL, 1987. EO Index: 20948 Mapping PrecisionNON-SPECIFIC	— Dates Last Seen — Element: 1936-05-01 Site: 1936-05-01 Record Last Updated: 1989-08-11 Township: 12S Range: 01E Section: XX Qtr: XX

Nonterey spineflower State	us ————	NDDB Element Ranks	Other Lists
Federal: Threater State: None	ned	Global: G2T2 State: S2.2	CNPS List: 1B R-E-D Code: 2-2-3
	sociations —		
	AL DUNES, CHAPARRAL, CISMONTANE	WOODLAND, COASTAL SCRUB.	
Micro: SANDY	SOILS IN COASTAL DUNES OR MORE II	NLAND WITHIN CHAPARRAL OR OTHER HABITATS.	0-150M.
Occurrence No.	. 13 Map Index: 10228	EO Index: 20951	Dates Last Seen
Occ Rank:	•		Element: 1950-07-12
	Natural/Native occurrence		Site: 1950-07-12
	Presumed Extant Unknown		Record Last Updated: 1997-03-07
	RAVEN, P. #2549 UC (HERB)		•
Quad Summary:	SEASIDE (3612157/366D), MARINA (361	12167/366A)	
County Summary	MONTEREY		
Lat/Long:	36.61661º/-121.85301º		Township: 99X
	Zone-10 N4052955 E602566		Range: 01E
Radius: Elevation:		Mapping PrecisionNON-SPECIFIC Symbol Type:POINT	Section: XX Qtr: XX Meridian: M
		Symbol Type.POINT	
Location	SAND HILLS NORTH OF SEASIDE.		
General:	SPECIMEN ANNOTATED BY REVEAL, 7	1987.	
Owner/Manager	UNKNOWN		
Occurrence No.	14 Map Index: 10682	EO Index: 20946	Dates Last Seen
Occ Rank:	•		Element: 1936-05-19
Origin:	Natural/Native occurrence		Site: 1936-05-19
	Presumed Extant		Report Last Undeted: 1090.09.11
	Unknown BELSHAW, C. #2141 UC (HERB)		Record Last Updated: 1989-08-11
	PRUNEDALE (3612176/386C), WATSON	JVII LE EAST (3612186/386B)	
County Summary			
	36.88840º / -121.71713º		Township: 12S
	Zone-10 N4083260 E614313		Range: 02E
Radius:	1 mile	Mapping PrecisionNON-SPECIFIC	Section: 14 Qtr: XX
Elevation:	200 ft	Symbol Type:POINT	Meridian: M
Location	1.5 MI E OF WATSONVILLE JUNCTION.		
General:		1987. LABEL SAYS SANTA CRUZ COUNTY, BUT WATS	SONVILLE JUNCTION AND THE TOWNSHIP RANG
	SECTION ARE IN MONTEREY COUNTY	·	
Owner/Manager	UNKNOWN		
Occurrence No.	. 16 Map Index: 10421	EO Index: 22005	Dates Last Seen
Occ Rank:	•		Element: 1987-XX-XX
Origin:	Natural/Native occurrence		Site: 1987-XX-XX
	Presumed Extant		Benerd Lest Undeted 1002.02.42
			Record Last Updated: 1993-02-19
	ZOGER & PAVLIK 1987 (LIT)		
	MARINA (3612167/366A)		
County Summary	MONTEREY		
	36.72476° / -121.80119°		Township: 14S
	Zone-10 N4065009 E607050		Range: 01E
Area: Elevation:	10.9 ac 20 ft	Mapping PrecisionSPECIFIC Symbol Type:POLYGON	Section: XX Qtr: XX Meridian: M
Lievation.			Mondan. In
1	NORTH OF MARINA, 1.2 KM (0.8 MI) NO		

Monterey spineflower Statu	· · · · · · · · · · · · · · · · · · ·	NDDB Element Ranks	Element Code: PDPGN040M2 Other Lists		
Federal: Threater State: None		Global: G2T2 State: S2.2	CNPS List R-E-D Cod		
	SOCIATIONS		R HABITATS. 0-150M.		
-	Unknown Natural/Native occurrence	EO Index: 22003			t Seen 1987-XX-XX 1987-XX-XX
Trend:	Presumed Extant Unknown ZOGER & PAVLIK 1987 (LIT)		Record Last	Updated:	1993-02-19
Quad Summary: County Summary:	MARINA (3612167/366A) MONTEREY				
UTM:	36.71585° / -121.80101° Zone-10 N4064021 E607079 80 meters 60 ft	Mapping PrecisionSPE Symbol Type:POIN		01E XX	Qtr: XX
	NORTH OF MARINA, 0.8 KM (0.5 MI) WE				
General: Owner/Manager:	MAP DETAIL IS MAIN SOURCE OF INFO PVT	RMATION.			
Occurrence No.	18 Map Index: 10401	EO Index: 22004	—	Dates Las	t Seen ———
-	Unknown Natural/Native occurrence Presumed Extant		E		1987-XX-XX 1987-XX-XX
Trend:	Unknown ZOGER & PAVLIK 1987 (LIT)		Record Last	Updated:	1993-02-19
Quad Summary: County Summary:	MARINA (3612167/366A) MONTEREY				
UTM:	36.70301° / -121.80600° Zone-10 N4062591 E606651 13.8 ac 40 ft	Mapping PrecisionSPE Symbol Type:POL		01E XX	Qtr: XX
	NORTH OF MARINA, 2 KM (1.2 MI) SOUT				
General: Owner/Manager:	MAP DETAIL IS MAIN SOURCE OF INFO PVT	RMATION. THREE SUBPOPULATION	S FOR THIS OCCURRENCE.		
	Unknown Natural/Native occurrence	EO Index: 8301			t Seen 1986-06-18 1986-06-18
Trend:	Presumed Extant Unknown SHOWERS, M. 1986 (OBS)		Record Last	Updated:	1997-01-06
Quad Summary: County Summary:	WATSONVILLE WEST (3612187/387A) SANTA CRUZ				
UTM:	36.91711º / -121.85233º Zone-10 N4086292 E602227 80 meters 40 ft	Mapping PrecisionSPE Symbol Type:POIN		01E XX	Qtr: XX
	MANRESA STATE BEACH, APPROX 0.75				
	ALSO ASSUMED TWO OLD JEPSON CO ON TOP OF COASTAL BLUFF NEAR EDU ASSOCIATED WITH PLANTAGO CORON	GE OF ERODING RAVINE. ON ELDER	SANDY LOAM SOIL IN A WEED FIELD	D NEAR E	JCALYPTUS GROV
Threat:	RECREATIONAL USE OF THE AREA IS A	SOURCE OF DISTURBANCE.			

onterey spineflower Status —		- NDDB Element Ranks	Other Lists
Federal: Threatened State: None		Global: G2T2 State: S2.2	CNPS List: 1B R-E-D Code: 2-2-3
Habitat Associat			
	NES, CHAPARRAL, CISMONTANE		
MICTO: SANDY SOILS	IN COASTAL DUNES OR MORE IN	ILAND WITHIN CHAPARRAL OR OTHER HABITATS.	0-150M.
Occurrence No. 20	Map Index: 22088	EO Index: 8275	Dates Last Seen
Occ Rank: Unkno			Element: 1929-06-09
-	al/Native occurrence		Site : 1929-06-09
Presence: Presu Trend: Unkno			Record Last Updated: 1992-12-28
	ING & DEARING POM #161512 (HE	ERB)	
	IEDALE (3612176/386C), MOSS LA		
County Summary: MONT			
	738º / -121.75664º		Township, 128
	10 N4069788 E610968		Township: 13S Range: 02E
Radius: 1 mile		Mapping PrecisionNON-SPECIFIC	Section: XX Qtr: XX
Elevation: 15 ft		Symbol Type:POINT	Meridian: M
Location: CAST	ROVILLE.		
General HEDR		OF INFORMATION; NEEDS FIELDWORK.	
		ST IN SAWATION, NEEDSTIELDWORK.	
Owner/Manager: UNKN			
Occurrence No. 21	Map Index: 22087	EO Index: 13306	Dates Last Seen
Occ Rank: Unkno	•		Element: 1952-05-18
Origin: Natura	al/Native occurrence		Site: 1952-05-18
Presence: Presu			Record Loct Undeted: 1002-01-14
Trend: Unkno			Record Last Updated: 1993-01-14
	IYNOUS SJSU (HERB)		
	S LANDING (3612177/387D)		
County Summary: MONT	IEREY		
	529º / -121.79109º		Township: 13S
Area: 57.9 a	10 N4075063 E607825	Mapping PrecisionNON-SPECIFIC	Range: 01E Section: 01 Qtr: NE
Elevation: 10 ft		Symbol Type:POLYGON	Meridian: M
Location: NEAR		WEST OF WATSONVILE (MAPPED JUST NORTH OF	
			MOOD EANDING IN DOINEO).
-			
		OF INFORMATION; NEEDS FIELDWORK.	
Owner/Manager: UNKN	IOWN		
Occurrence No. 24	Map Index: 22075	EO Index: 8269	Dates Last Seen
Occ Rank: Unkno			Element: 1988-05-30
	al/Native occurrence		Site: 1988-05-30
Presence: Presu			Beneral and the base of the
Trend: Unkno Main Source: REVE	own AL, J. #6951 RSA (HERB)		Record Last Updated: 1996-10-28
	,		
Quad Summary: SEAS	. ,		
County Summary: MONT	IEREY		
-	078º / -121.83710º		Township: 15S
	10 N4050107 E604024	Menning Provide AND OF OF	Range: 01E
Radius: 1/5 m Elevation: 150 ft		Mapping PrecisionNON-SPECIFIC Symbol Type:POINT	Section: XX Qtr: XX Meridian: M
		MI NORTH OF JUNCTION OF HWY 218 AND HWY 6	
	NUMBERS AND Y SOLES IN ASSOCI	ATION WITH QUERCUS SP., PINUS SP., AND ARTEN	NIJIA JP.

Monterey spineflower		NDDD Flowent Dealer	Element Code: PDPGN040M2		
Federal: Threaten State: None		NDDB Element Ranks Global: G2T2 State: S2.2	Other Lists CNPS L R-E-D Co		
	SOCIATIONS		R HABITATS. 0-150M.		
Occurrence No. Occ Rank: Origin:	•	EO Index: 14081			t Seen 1987-XX-XX 1987-XX-XX
Trend:	Presumed Extant Unknown ZOGER & PAVLIK 1987 (LIT)		Record Last	Updated:	1993-02-10
Quad Summary: County Summary:	MARINA (3612167/366A) MONTEREY				
UTM:	36.72908° / -121.80071° Zone-10 N4065489 E607087 80 meters 40 ft	Mapping PrecisionSPE Symbol Type:POIN		01E XX	Qtr: XX
	NORTH OF MARINA, 1.7 KM (1 MI) NNW MAP DETAIL IS MAIN SOURCE OF INFO				
Owner/Manager:	PVT				
•	Unknown Natural/Native occurrence	EO Index: 13518	_		t Seen 1842-XX-XX 1842-XX-XX
Trend:	Presumed Extant Unknown REVEAL, J. 1989 (LIT)		Record Last	Updated:	1993-03-16
	SAN SIMEON (3512162/271B) SAN LUIS OBISPO				
UTM:	35.64655° / -121.19259° Zone-10 N3946251 E663630 1,260.5 ac 40 ft	Mapping PrecisionNON Symbol Type:POL		07E XX	Qtr: XX
Location:	SAN SIMEON.				
General: Owner/Manager:	REVEAL CITES COLLECTION BY GAMBE	EL SN (GH, K, PH) IN 1842 AS ONLY S	OURCE OF INFORMATION FOR THI	S SITE; NE	EDS FIELDWORK.
-	•	EO Index: 29332	_		t Seen 1995-06-23 1995-06-23
Trend:	Unknown ELIASSEN, L. 1995 (OBS)		Record Last	Updated:	1997-01-06
Quad Summary: County Summary:	WATSONVILLE WEST (3612187/387A) SANTA CRUZ				
UTM:	36.93070° / -121.82923° Zone-10 N4087824 E604266 25.0 ac 320 ft	Mapping PrecisionNON Symbol Type:POL		99X XX	Qtr: XX
Location:	WSW OF WATSONVILLE MUNICIPAL AIR	RPORT, SOUTH OF HIGHWAY 1 AND	WEST OF RANCHO ROAD; NORTHE	AST OF EL	LICOTT.
	ACCESS IS VIA RANCHO ROAD AND FIE		ILY ALONG ANIMAL TRAIL. .OS HOOKERI HOOKERI. ADJACENT	VEGETAT	ION VARIES: CEN
	MARITIME CHAPARRAL, COAST LIVE OF		ETLAND PATCHES.		

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Monterey spineflower		Eleme	ent Code: PDPGN040M2
Statu	ıs ————	NDDB Element Ranks	Other Lists
Federal: Threater	ned	Global: G2T2	CNPS List: 1B
State: None		State: S2.2	R-E-D Code: 2-2-3
——— Habitat As	sociations —		
General: COASTA	AL DUNES, CHAPARRAL, CISMONTANE W	/OODLAND, COASTAL SCRUB.	
Micro: SANDY	SOILS IN COASTAL DUNES OR MORE INL	AND WITHIN CHAPARRAL OR OTHER HABITAT	S. 0-150M.
Occurrence No.	28 Map Index: 35327	EO Index: 29331	Dates Last Seen
Occ Rank:			Element: 1994-06-02
Origin:	Natural/Native occurrence		Site: 1994-06-02
Presence:	Presumed Extant		
	Unknown		Record Last Updated: 1997-03-04
Main Source:	WESCO 1994 (OBS)		
Quad Summary:	SOLEDAD (3612143/342A)		
County Summary:	MONTEREY		
Lat/Long:	36.40195º / -121.27958º		Township: 179
	Zone-10 N4029907 E654273		Township: 17S Range: 06E
	100.2 ac	Mapping PrecisionSPECIFIC	Section: XX Qtr: XX
Elevation:		Symbol Type:POLYGON	Meridian: M
	ABOUT 2.5 MILES SOUTHEAST OF SOLE		
Location Detail	1.65-2.9 MILES EAST OF THE JUNCTION	OF HIGHWAY 101 AND PARAISO ROAD, ALONG	G THE SOUTH SIDE OF SALINAS RIVER LEVEE.
Ecological:	ASSOCIATED WITH LASTARRIAEA CORI	ACEA AND CASTILLEJA EXSERTA EXSERTA.	
Threat:	OFF-ROAD VEHICLES FOR HONEY PRO	DUCTION AND FARMING EQUIPMENT THREAT	EN.
	OVER 5000 PLANTS ESTIMATED IN 1994		
Owner/Manager:	PVI		
0N.			Dates Last Seen
Occurrence No.		EO Index: 2612	Element: 1995-06-10
Occ Rank:	Natural/Native occurrence		Site: 1995-06-10
•	Presumed Extant		
	Unknown		Record Last Updated: 1997-01-06
Main Source:	MORGAN, R. 1995 (OBS)		
Quad Summary:	WATSONVILLE WEST (3612187/387A)		
County Summary:			
-	36.87900º / -121.82671º Zone-10 N4082092 E604561		Township: 12S
	80 meters	Mapping PrecisionSPECIFIC	Range: 01E Section: XX Qtr: XX
Elevation:		Symbol Type:POINT	Meridian: M
Location:	SUNSET BEACH STATE PARK, 1.6 MILE	SW OF JUNCTION SUNSET BEACH ROAD AND	SAN ANDREAS ROAD.
Location Detail	:ON WEST SIDE OF ROAD (= SOUTHERN	EXTENSION OF SHELL ROAD?).	
Ecological:	LANDWARD SLOPE ON LOW FOREDUNE	E WITH DUDLEYA CAESPITOSA, CAREX PANSA	, CASTILLEJA LATIFOLIA, AND LATHYRUS LITTORAL
Threat:	SEVERE THREAT FROM EUROPEAN DU	NE GRASS (AMMOPHILA ARENARIA) ENCROAC	CHING FROM BOTH SIDES.
	1000+ PLANTS IN 1995.		
Owner/Manager:	DPR-SUNSET SB		
Occurrence No.	30 Map Index: 28393	EO Index: 2611	Dates Last Seen
Occurrence No. Occ Rank:	•	LO INGEX. 2011	Element: 1992-05-16
	Natural/Native occurrence		Site: 1992-05-16
•	Presumed Extant		
Trend:	Unknown		Record Last Updated: 1996-10-25
Main Source:	MORGAN, R. 1992 (OBS)		
Quad Summary:	WATSONVILLE WEST (3612187/387A)		
County Summary:			
-	36.94363°/-121.84008°		Township: 11S
UTM:	Zone-10 N4089247 E603283	Manning ProvisionSDECIEIC	Range: 01E
A		Mapping PrecisionSPECIFIC Symbol Type:POLYGON	Section: XX Qtr: XX Meridian: M
Area: Elevation:			
Elevation:			E DRIVE AND LARKIN VALLEY ROAD.
Elevation:	NORTHEAST SIDE OF HIGHWAY 1, 0.8 M	ILE SOUTHEAST OF JUNCTION OF MAR MONT	
Elevation: Location:		RUB MIX. IN SAND ON FLAT SWALE BOTTOM.	
Elevation: Location: Ecological:		RUB MIX. IN SAND ON FLAT SWALE BOTTOM.	
Elevation: Location: Ecological: Threat:	IN MARITIME CHAPARRAL/COASTAL SCI	RUB MIX. IN SAND ON FLAT SWALE BOTTOM. SIDENTIAL DEVELOPMENT.	

Monterey spineflower State		NDDB Element Ranks	Code: PDPGN040M2 —— Other Lists ————
Federal: Threate State: None		Global: G2T2 State: S2.2	CNPS List: 1B R-E-D Code: 2-2-3
	AL DUNES, CHAPARRAL, CISMONTANE N SOILS IN COASTAL DUNES OR MORE IN	WOODLAND, COASTAL SCRUB. ILAND WITHIN CHAPARRAL OR OTHER HABITATS.	0-150M.
Occurrence No	. 31 Map Index: 28392	EO Index: 29530	Dates Last Seen
Occ Rank:			Element: 1994-XX-XX
•	Natural/Native occurrence Presumed Extant		Site: 1994-XX-XX
	Unknown		Record Last Updated: 1998-01-07
Main Source:	MORGAN, R. 1992 (OBS)		
	WATSONVILLE WEST (3612187/387A)		
County Summary	: SANTA CRUZ		
	36.94777 ⁰ / -121.84251 ⁰		Township: 11S
	Zone-10 N4089704 E603061 80 meters	Mapping PrecisionSPECIFIC	Range: 01E Section: XX Qtr: XX
Elevation		Symbol Type:POINT	Meridian: M
Location	AT END OF BEL MAR DRIVE, 0.5 MILE S	OUTHEAST OF JUNCTION OF MAR MONTE DRIVE	AND LARKIN VALLEY ROAD.
Ecological	: MARITIME CHAPARRAL/COASTAL SCRI	UB MIX. IN SAND ON SOUTH-FACING SLOPE.	
Threat	POSSIBLE THREAT FROM FUTURE RES	SIDENTIAL DEVELOPMENT.	
General	TOTAL OF AT LEAST 1000 PLANTS HER	E AND AT OCCURRENCE 30 IN 1992. 10,000 PLAN	TS ESTIMATED IN 1994.
Owner/Manager	: PVT		
Occurrence No	. 32 Map Index: 28391	EO Index: 29529	Dates Last Seen
Occ Rank:	•		Element: 1995-05-27
	Natural/Native occurrence		Site: 1995-05-27
	Presumed Extant		
	Unknown MORGAN, R. 1995 (OBS)		Record Last Updated: 1997-01-06
	: WATSONVILLE WEST (3612187/387A)		
County Summary			
Lat/Long:	36.98398º / -121.85562º		Township: 11S
	Zone-10 N4093707 E601845		Range: 01E
Area: Elevation	14.5 ac	Mapping PrecisionSPECIFIC Symbol Type:POLYGON	Section: XX Qtr: XX Meridian: M
		FROM JUST SOUTH OF MCDONALD ROAD, EXTER	
Ecological	CHAMISSONIS, ERIOGONUM NUDUM, E	EY, MOSTLY AT MARGIN OF CHAPARRAL/SCRUB V ETC. FROM 250-400 FT ELEVATION.	EGETATION, WITH SALVIA MELLIFERA, LUPINUS
General	AT LEAST 100,000 PLANTS IN 1995.		
Owner/Manager	: PVT		
Occurrence No	. 34 Map Index: 28409	EO Index: 29626	Dates Last Seen
Occ Rank:			Element: 1994-XX-XX
-	Natural/Native occurrence		Site: 1994-XX-XX
	Presumed Extant Unknown		Record Last Updated: 1998-01-07
	U.S. FISH & WILDLIFE SERVICE 1995 (P	ERS)	• • • • • • • • • •
Quad Summary	WATSONVILLE WEST (3612187/387A), L	OMA PRIETA (3712117/407D)	
County Summary	: SANTA CRUZ		
-	37.00036º / -121.86135º		Township: 99X
	Zone-10 N4095518 E601313	Manning PresidentION OPEOUSIO	Range: 99X
Area: Elevation:	138.0 ac : 450 ft	Mapping PrecisionNON-SPECIFIC Symbol Type:POLYGON	Section: XX Qtr: XX Meridian: M
Location	: DAY VALLEY, COX ROAD.		
General	ONLY INFORMATION FOR THIS SITE IS	VAGUE MAP; MAP DETAIL NEEDED. MAPPED AS N	NONSFECITIC FOLTGON ALONG COX ROAD. 100

Monterey spineflower Status	N	Element Co	de: PDPGN040M2		
Federal: Threatened	N		CNPS Li	st 1B	
State: None		State: S2.2	R-E-D Cod		
Habitat Associations					
General: COASTAL DUNES, C	CHAPARRAL, CISMONTANE WOO	DLAND, COASTAL SCRUB.			
Micro: SANDY SOILS IN CO	DASTAL DUNES OR MORE INLAN	D WITHIN CHAPARRAL OR OTHER HABITATS. 0-	150M.		
Occurrence No. 35	Map Index: 37729	EO Index: 32735		Dates Las	st Seen ———
Occ Rank: Unknown			E	Element:	1994-XX-XX
Origin: Natural/Nati	ive occurrence			Site:	1994-XX-XX
Presence: Presumed E	Extant				
Trend: Unknown			Record Last	Updated:	1997-12-16
Main Source: U.S. FISH &	& WILDLIFE SERVICE 1997 (LIT)				
Quad Summary: MARINA (36	612167/366A)				
County Summary: MONTEREN	Y				
Lat/Long: 36.68999º /	-121.81002°		Township:	14S	
UTM: Zone-10 N4	1061142 E606310		Range:	01E	
erim Edito feriti		Mapping PrecisionNON-SPECIFIC	Section:		Qtr: XX
Area: 180.6 ac		Symbol Type:POLYGON	Meridian:	М	
Area: 180.6 ac	ATE BEACH.				
Area: 180.6 ac Elevation: 10 ft Location: MARINA ST Location Detail:MAPPED N		DARY OF BEACH TO AVOID OVERLAP WITH OCC	URRENCE #2 (FOR	r ord). Ui	NKNOWN WHEF
Area: 180.6 ac Elevation: 10 ft Location: MARINA ST Location Detail: MAPPED N EXACTLY F	OT QUITE TO SOUTHERN BOUN PLANTS WERE SEEN IN 1994.	DARY OF BEACH TO AVOID OVERLAP WITH OCC	,	,	

sand gilia			ment Code: PDPLM041P2	
Federal: Endang State: Threate	ered	 NDDB Element Ranks Global: G3G4T2 State: S2.2 	CNPS List: 1B R-E-D Code: 3-2-3	
Habitat As	ssociations —			
		RAL (MARITIME), CISMONTANE WOODLAND.		
Micro: BARE,	WIND-SHELTERED AREAS OFTEN NEAR	R DUNE SUMMIT OR IN THE HIND DUNES; 2 RE	CORDS FROM PLEISTOCENE INLANI	D DUNES. 0-245M.
Occurrence No	. 1 Map Index: 27921	EO Index: 28986	Dates La	st Seen
Occ Rank:			Element:	1993-XX-XX
	Natural/Native occurrence		Site:	1993-XX-XX
Presence	Presumed Extant			
Trend:	Unknown		Record Last Updated:	1996-05-23
Main Source	DORRELL-CANEPA, J. 1996 (MAP)			
Quad Summary	: MONTEREY (3612158/366C)			
County Summary	MONTEREY			
Lat/Long	: 36.60700º / -121.94866º		Township: 99X	
UTM:	Zone-10 N4051791 E594024		Range: 99X	
	18.4 ac	Mapping PrecisionSPECIFIC	Section: XX	Qtr: XX
Elevation	: 20 ft	Symbol Type:POLYGON	Meridian: M	
Ecological Threat:	ALONG HORSETRAIL. SHELTERED FROM WINDS AT BASE O DEVELOPMENT THREATENS. HORSE 500-700 PLANTS IN 1993 ALONG HORS	TRAIL MAY BE MORE IMMEDIATE THREAT. SETRAIL IN WESTERN POLYGON. PARTLY OW		
Ecological Threat:	ALONG HORSETRAIL. SHELTERED FROM WINDS AT BASE O DEVELOPMENT THREATENS. HORSE 500-700 PLANTS IN 1993 ALONG HORS MONTEREY PENINSULA COUNTRY CL	OF DUNES. : TRAIL MAY BE MORE IMMEDIATE THREAT. SETRAIL IN WESTERN POLYGON. PARTLY OW		
Ecological Threat: General: Owner/Manager	ALONG HORSETRAIL. SHELTERED FROM WINDS AT BASE O DEVELOPMENT THREATENS. HORSE 500-700 PLANTS IN 1993 ALONG HORS MONTEREY PENINSULA COUNTRY CL PVT	DF DUNES. : TRAIL MAY BE MORE IMMEDIATE THREAT. SETRAIL IN WESTERN POLYGON. PARTLY OW .UB.	NED BY PEBBLE BEACH COMPANY A	ND PARTLY BY
Ecological Threat: General: Owner/Manager Occurrence No	ALONG HORSETRAIL. SHELTERED FROM WINDS AT BASE O DEVELOPMENT THREATENS. HORSE 500-700 PLANTS IN 1993 ALONG HORS MONTEREY PENINSULA COUNTRY CL PVT 2 Map Index: 10147	OF DUNES. : TRAIL MAY BE MORE IMMEDIATE THREAT. SETRAIL IN WESTERN POLYGON. PARTLY OW	NED BY PEBBLE BEACH COMPANY A	ND PARTLY BY
Ecological Threat: General: Owner/Manager Occurrence No Occ Rank:	ALONG HORSETRAIL. SHELTERED FROM WINDS AT BASE O DEVELOPMENT THREATENS. HORSE 500-700 PLANTS IN 1993 ALONG HORS MONTEREY PENINSULA COUNTRY CL PVT 2 Map Index: 10147	DF DUNES. : TRAIL MAY BE MORE IMMEDIATE THREAT. SETRAIL IN WESTERN POLYGON. PARTLY OW .UB.	NED BY PEBBLE BEACH COMPANY A —— Dates La Element:	ND PARTLY BY
Ecological Threat: General: Owner/Manager Occurrence No Occ Rank: Origin:	ALONG HORSETRAIL. SHELTERED FROM WINDS AT BASE O DEVELOPMENT THREATENS. HORSE 500-700 PLANTS IN 1993 ALONG HORS MONTEREY PENINSULA COUNTRY CL PVT 2 Map Index: 10147 Good	DF DUNES. : TRAIL MAY BE MORE IMMEDIATE THREAT. SETRAIL IN WESTERN POLYGON. PARTLY OW .UB.	NED BY PEBBLE BEACH COMPANY A —— Dates La Element: Site:	ND PARTLY BY st Seen 1996-XX-XX 1996-XX-XX
Ecological Threat: General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend:	ALONG HORSETRAIL. SHELTERED FROM WINDS AT BASE O DEVELOPMENT THREATENS. HORSE 500-700 PLANTS IN 1993 ALONG HORS MONTEREY PENINSULA COUNTRY CL PVT 2 Map Index: 10147 Good Natural/Native occurrence Presumed Extant Unknown	DF DUNES. : TRAIL MAY BE MORE IMMEDIATE THREAT. SETRAIL IN WESTERN POLYGON. PARTLY OW .UB.	NED BY PEBBLE BEACH COMPANY A —— Dates La Element:	ND PARTLY BY st Seen 1996-XX-XX 1996-XX-XX
Ecological Threat: General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend:	ALONG HORSETRAIL. SHELTERED FROM WINDS AT BASE O DEVELOPMENT THREATENS. HORSE 500-700 PLANTS IN 1993 ALONG HORS MONTEREY PENINSULA COUNTRY CL PVT 2 Map Index: 10147 Good Natural/Native occurrence Presumed Extant	DF DUNES. : TRAIL MAY BE MORE IMMEDIATE THREAT. SETRAIL IN WESTERN POLYGON. PARTLY OW .UB.	NED BY PEBBLE BEACH COMPANY A —— Dates La Element: Site:	ND PARTLY BY st Seen 1996-XX-XX 1996-XX-XX
Ecological Threat General Owner/Manager Occurrence No Occ Rank Origin Presence Trend Main Source	ALONG HORSETRAIL. SHELTERED FROM WINDS AT BASE O DEVELOPMENT THREATENS. HORSE 500-700 PLANTS IN 1993 ALONG HORS MONTEREY PENINSULA COUNTRY CL PVT 2 Map Index: 10147 Good Natural/Native occurrence Presumed Extant Unknown	DF DUNES. E TRAIL MAY BE MORE IMMEDIATE THREAT. SETRAIL IN WESTERN POLYGON. PARTLY OW UB. EO Index: 16377	NED BY PEBBLE BEACH COMPANY A —— Dates La Element: Site:	ND PARTLY BY st Seen 1996-XX-XX 1996-XX-XX
Ecological Threat General Owner/Manager Occurrence No Occ Rank Origin Presence Trend Main Source	ALONG HORSETRAIL. SHELTERED FROM WINDS AT BASE O DEVELOPMENT THREATENS. HORSE 500-700 PLANTS IN 1993 ALONG HORS MONTEREY PENINSULA COUNTRY CL PVT 2 Map Index: 10147 Good Natural/Native occurrence Presumed Extant Unknown DAY, A. 1980 (PERS) SEASIDE (3612157/366D), MONTEREY	DF DUNES. E TRAIL MAY BE MORE IMMEDIATE THREAT. SETRAIL IN WESTERN POLYGON. PARTLY OW UB. EO Index: 16377	NED BY PEBBLE BEACH COMPANY A —— Dates La Element: Site:	ND PARTLY BY st Seen 1996-XX-XX 1996-XX-XX
Ecological Threat: General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Main Source Quad Summary County Summary	ALONG HORSETRAIL. SHELTERED FROM WINDS AT BASE O DEVELOPMENT THREATENS. HORSE 500-700 PLANTS IN 1993 ALONG HORS MONTEREY PENINSULA COUNTRY CL PVT 2 Map Index: 10147 Good Natural/Native occurrence Presumed Extant Unknown DAY, A. 1980 (PERS) SEASIDE (3612157/366D), MONTEREY	DF DUNES. E TRAIL MAY BE MORE IMMEDIATE THREAT. SETRAIL IN WESTERN POLYGON. PARTLY OW UB. EO Index: 16377	NED BY PEBBLE BEACH COMPANY A —— Dates La Element: Site:	ND PARTLY BY st Seen 1996-XX-XX 1996-XX-XX
Ecological Threat General Owner/Manager Occurrence No Occ Rank Origin Presence Trend Main Source Quad Summary County Summary Lat/Long UTM:	ALONG HORSETRAIL. SHELTERED FROM WINDS AT BASE O DEVELOPMENT THREATENS. HORSE 500-700 PLANTS IN 1993 ALONG HORS MONTEREY PENINSULA COUNTRY CL PVT 2 Map Index: 10147 Good Natural/Native occurrence Presumed Extant Unknown DAY, A. 1980 (PERS) SEASIDE (3612157/366D), MONTEREY MONTEREY 36.60146° / -121.87243° Zone-10 N4051254 E600849	DF DUNES. E TRAIL MAY BE MORE IMMEDIATE THREAT. SETRAIL IN WESTERN POLYGON. PARTLY OWI UB. EO Index: 16377 (3612158/366C)	NED BY PEBBLE BEACH COMPANY A — Dates La Element: Site: Record Last Updated: Township: 15S Range: 01E	ND PARTLY BY st Seen
Ecological Threat: General Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Main Source Quad Summary County Summary Lat/Long UTM: Area:	ALONG HORSETRAIL. SHELTERED FROM WINDS AT BASE O DEVELOPMENT THREATENS. HORSE 500-700 PLANTS IN 1993 ALONG HORS MONTEREY PENINSULA COUNTRY CL PVT 2 Map Index: 10147 Good Natural/Native occurrence Presumed Extant Unknown DAY, A. 1980 (PERS) SEASIDE (3612157/366D), MONTEREY MONTEREY 36.60146°/-121.87243° Zone-10 N4051254 E600849 27.5 ac	DF DUNES. ETRAIL MAY BE MORE IMMEDIATE THREAT. SETRAIL IN WESTERN POLYGON. PARTLY OWI UB. EO Index: 16377 (3612158/366C) Mapping PrecisionSPECIFIC	NED BY PEBBLE BEACH COMPANY A — Dates La Element: Site: Record Last Updated: Township: 15S Range: 01E Section: XX	ND PARTLY BY st Seen 1996-XX-XX 1996-XX-XX
Ecological Threat: General Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Main Source Quad Summary County Summary Lat/Long UTM:	ALONG HORSETRAIL. SHELTERED FROM WINDS AT BASE O DEVELOPMENT THREATENS. HORSE 500-700 PLANTS IN 1993 ALONG HORS MONTEREY PENINSULA COUNTRY CL PVT 2 Map Index: 10147 Good Natural/Native occurrence Presumed Extant Unknown DAY, A. 1980 (PERS) SEASIDE (3612157/366D), MONTEREY MONTEREY 36.60146°/-121.87243° Zone-10 N4051254 E600849 27.5 ac	DF DUNES. E TRAIL MAY BE MORE IMMEDIATE THREAT. SETRAIL IN WESTERN POLYGON. PARTLY OWI UB. EO Index: 16377 (3612158/366C)	NED BY PEBBLE BEACH COMPANY A — Dates La Element: Site: Record Last Updated: Township: 15S Range: 01E	ND PARTLY BY st Seen
Ecological Threat General Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Main Source Quad Summary County Summary County Summary Lat/Long UTM: Area: Elevation	ALONG HORSETRAIL. SHELTERED FROM WINDS AT BASE O DEVELOPMENT THREATENS. HORSE 500-700 PLANTS IN 1993 ALONG HORS MONTEREY PENINSULA COUNTRY CL PVT 2 Map Index: 10147 Good Natural/Native occurrence Presumed Extant Unknown DAY, A. 1980 (PERS) SEASIDE (3612157/366D), MONTEREY MONTEREY 36.60146° / -121.87243° Zone-10 N4051254 E600849 27.5 ac 20 ft	DF DUNES. ETRAIL MAY BE MORE IMMEDIATE THREAT. SETRAIL IN WESTERN POLYGON. PARTLY OWI UB. EO Index: 16377 (3612158/366C) Mapping PrecisionSPECIFIC	NED BY PEBBLE BEACH COMPANY A — Dates La Element: Site: Record Last Updated: Township: 15S Range: 01E Section: XX Meridian: M	ND PARTLY BY st Seen 1996-XX-XX 1996-XX-XX 1997-09-06 Qtr: XX
Ecological Threat: General Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Main Source Quad Summary County Summary Lat/Long UTM: Area: Elevation Location	ALONG HORSETRAIL. SHELTERED FROM WINDS AT BASE O DEVELOPMENT THREATENS. HORSE 500-700 PLANTS IN 1993 ALONG HORS MONTEREY PENINSULA COUNTRY CL PVT 2 Map Index: 10147 Good Natural/Native occurrence Presumed Extant Unknown DAY, A. 1980 (PERS) SEASIDE (3612157/366D), MONTEREY MONTEREY 36.60146° / -121.87243° Zone-10 N4051254 E600849 27.5 ac 2 0 ft : U.S. NAVY POST GRADUATE SCHOOL ASSOCIATED WITH POLYGONUM PAR	DF DUNES. TRAIL MAY BE MORE IMMEDIATE THREAT. SETRAIL IN WESTERN POLYGON. PARTLY OW UB. EO Index: 16377 (3612158/366C) Mapping PrecisionSPECIFIC Symbol Type:POLYGON	NED BY PEBBLE BEACH COMPANY A — Dates La Element: Site: Record Last Updated: Township: 15S Range: 01E Section: XX Meridian: M ES OF RD TO WASTE TREATMENT PL US, LUPINUS CHAMISSONIS, CORET	ND PARTLY BY st Seen 1996-XX-XX 1996-XX-XX 1997-09-06 Qtr: KX ANT. HROGYNE
Ecological Threat General Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Main Source Quad Summary County Summary County Summary Lat/Long UTM: Area: Elevation Location Ecological	ALONG HORSETRAIL. SHELTERED FROM WINDS AT BASE O DEVELOPMENT THREATENS. HORSE 500-700 PLANTS IN 1993 ALONG HORS MONTEREY PENINSULA COUNTRY CL PVT 2 Map Index: 10147 Good Natural/Native occurrence Presumed Extant Unknown DAY, A. 1980 (PERS) SEASIDE (3612157/366D), MONTEREY MONTEREY 36.60146° / -121.87243° Zone-10 N4051254 E600849 27.5 ac 20 ft U.S. NAVY POST GRADUATE SCHOOL ASSOCIATED WITH POLYGONUM PAR LEUCOPHYLLA, ABRONIA MARITIMA, 1	DF DUNES. TRAIL MAY BE MORE IMMEDIATE THREAT. SETRAIL IN WESTERN POLYGON. PARTLY OW UB. EO Index: 16377 (3612158/366C) Mapping PrecisionSPECIFIC Symbol Type:POLYGON DUNES, AND DEL MONTE DUNES. BOTH SIDE RONYCHIA, POA DOUGLASII, BROMUS DIANDR	NED BY PEBBLE BEACH COMPANY A — Dates La Element: Site: Record Last Updated: Township: 15S Range: 01E Section: XX Meridian: M ES OF RD TO WASTE TREATMENT PL US, LUPINUS CHAMISSONIS, CORET IGENS SSP. PUNGENS, AND MESEMI	ND PARTLY BY st Seen 1996-XX-XX 1996-XX-XX 1997-09-06 Qtr: XX ANT. HROGYNE BYANTHEMUM.

Owner/Manager: DOD-NAVY, PVT

				ement Code: PDPLM041P2		
State			- NDDB Element Ranks	Other Lists		
Federal: Endange State: Threater			Global: G3G4T2 State: S2.2	CNPS L R-F-D Co	list: 1B de: 3-2-3	
Habitat As						
		L SCRUB, CHAPARR	AL (MARITIME), CISMONTANE WOODLAND.			
			DUNE SUMMIT OR IN THE HIND DUNES; 2 RE	ECORDS FROM PLEISTOCE	NE INLANI	DUNES. 0-245M.
Occurrence No.	. 3	Map Index: 10246	EO Index: 16303		Dates La	st Seen
Occ Rank:	Fair				Element:	1995-XX-XX
-	Natural/Native occur	rrence			Site:	1995-XX-XX
	Presumed Extant			Pocord Last	Indatod	1997-09-06
		OORRELL 1990 (OBS))	Record Las	opuateu.	1997-09-00
		. ,)			
County Summary	: SEASIDE (3612157) : MONTEREY	(300D)				
Lat/Long:	36.61701º / -121.84	791º		Township:	16S	
UTM:	Zone-10 N4053005	E603022		Range:	01E	
	15.9 ac		Mapping PrecisionSPECIFIC	Section:		Qtr: XX
Elevation:	70 ft		Symbol Type:POLYGON	Meridian:	М	
Ecological	: ON EAST FACING S MARGINATA, CRYF		PPING CENTER. ANT IN CLEARINGS OF SEA FIG. WITH CARP(M, CAMISSONIA CHEIRANTHIFOLIA, & BROMI			
Threat:	: ON EAST FACING S MARGINATA, CRYF AREA. SEA FIG ENCROAC APPROX 10,000 PL 1992, 27,000 ESTIM	SAND HILLS. ABUND, PTANTHA LATIFOLIUI CHMENT, DEVELOPM ANTS IN WHAT APPE	ANT IN CLEARINGS OF SEA FIG. WITH CARPO	IUS DIANDRUS. OTHER RAR E, AND VEHICLE TRESPASS 987, 96 SEEN IN PART OF OG	ARE THR	RE KNOWN FROM ⁻ EATS. CE N OF TIOGA RD
Threat: General:	: ON EAST FACING S MARGINATA, CRYF AREA. SEA FIG ENCROAC APPROX 10,000 PL 1992, 27,000 ESTIM : PVT	SAND HILLS. ABUND, PTANTHA LATIFOLIUI CHMENT, DEVELOPM ANTS IN WHAT APPE	ANT IN CLEARINGS OF SEA FIG. WITH CARPO M, CAMISSONIA CHEIRANTHIFOLIA, & BROM IENT, TRASH DUMPING, RECREATIONAL USE EARS TO BE VACANT LOT IN 1986, 5000 IN 19	IUS DIANDRUS. OTHER RAR E, AND VEHICLE TRESPASS 987, 96 SEEN IN PART OF OG IN EXPERIMENTS ATTEMPT	ARE TAXA AI ARE THR CCURRENI ED IN 1993 Dates La:	RE KNOWN FROM EATS. CE N OF TIOGA RD 3. st Seen
Threat: General: Owner/Manager Occurrence No. Occ Rank:	: ON EAST FACING : MARGINATA, CRYF AREA. SEA FIG ENCROAC APPROX 10,000 PL 1992, 27,000 ESTIN : PVT . 4 I Unknown	SAND HILLS. ABUND. PTANTHA LATIFOLIUI CHMENT, DEVELOPM ANTS IN WHAT APPE IATED IN 1993, 100,0 Map Index: 10390	ANT IN CLEARINGS OF SEA FIG. WITH CARPO M, CAMISSONIA CHEIRANTHIFOLIA, & BROM IENT, TRASH DUMPING, RECREATIONAL USE EARS TO BE VACANT LOT IN 1986, 5000 IN 19 00 IN 1995. SEEDING AND TRANSPLANTATIO	IUS DIANDRUS. OTHER RAR E, AND VEHICLE TRESPASS 987, 96 SEEN IN PART OF OG IN EXPERIMENTS ATTEMPT	ARE TAXA AI ARE THR CCURREN ED IN 199: Dates La: Element:	RE KNOWN FROM [*] EATS. CE N OF TIOGA RD 3. st Seen 1993-05-XX
Threat: General: Owner/Manager Occurrence No. Occ Rank: Origin:	ON EAST FACING 3 MARGINATA, CRYF AREA. SEA FIG ENCROAC APPROX 10,000 PL 1992, 27,000 ESTIM PVT 4 I Unknown Natural/Native occur	SAND HILLS. ABUND. PTANTHA LATIFOLIUI CHMENT, DEVELOPM ANTS IN WHAT APPE IATED IN 1993, 100,0 Map Index: 10390	ANT IN CLEARINGS OF SEA FIG. WITH CARPO M, CAMISSONIA CHEIRANTHIFOLIA, & BROM IENT, TRASH DUMPING, RECREATIONAL USE EARS TO BE VACANT LOT IN 1986, 5000 IN 19 00 IN 1995. SEEDING AND TRANSPLANTATIO	IUS DIANDRUS. OTHER RAR E, AND VEHICLE TRESPASS 987, 96 SEEN IN PART OF OG IN EXPERIMENTS ATTEMPT	ARE TAXA AI ARE THR CCURRENI ED IN 1993 Dates La:	RE KNOWN FROM EATS. CE N OF TIOGA RD 3. st Seen
Threat: General: Owner/Manager Occurrence No. Occ Rank: Origin: Presence:	: ON EAST FACING 3 MARGINATA, CRYF AREA. SEA FIG ENCROAC APPROX 10,000 PL 1992, 27,000 ESTIN : PVT 4 Unknown Natural/Native occur Presumed Extant	SAND HILLS. ABUND. PTANTHA LATIFOLIUI CHMENT, DEVELOPM ANTS IN WHAT APPE IATED IN 1993, 100,0 Map Index: 10390	ANT IN CLEARINGS OF SEA FIG. WITH CARPO M, CAMISSONIA CHEIRANTHIFOLIA, & BROM IENT, TRASH DUMPING, RECREATIONAL USE EARS TO BE VACANT LOT IN 1986, 5000 IN 19 00 IN 1995. SEEDING AND TRANSPLANTATIO	IUS DIANDRUS. OTHER RAR E, AND VEHICLE TRESPASS 387, 96 SEEN IN PART OF O ON EXPERIMENTS ATTEMPT 	ARE TAXA AI ARE THR CCURREN ED IN 1993 Dates Las Element: Site:	RE KNOWN FROM [*] EATS. CE N OF TIOGA RD 3. st Seen 1993-05-XX
Threat: General: Owner/Manager Occurrence No. Occ Rank: Origin: Presence: Trend:	ON EAST FACING 3 MARGINATA, CRYF AREA. SEA FIG ENCROAC APPROX 10,000 PL 1992, 27,000 ESTIM PVT 4 I Unknown Natural/Native occur	SAND HILLS. ABUND, PTANTHA LATIFOLIUI CHMENT, DEVELOPM ANTS IN WHAT APPE IATED IN 1993, 100,00 Map Index: 10390 rrence	ANT IN CLEARINGS OF SEA FIG. WITH CARPO M, CAMISSONIA CHEIRANTHIFOLIA, & BROM IENT, TRASH DUMPING, RECREATIONAL USE EARS TO BE VACANT LOT IN 1986, 5000 IN 19 00 IN 1995. SEEDING AND TRANSPLANTATIO	IUS DIANDRUS. OTHER RAR E, AND VEHICLE TRESPASS 387, 96 SEEN IN PART OF O ON EXPERIMENTS ATTEMPT 	ARE TAXA AI ARE THR CCURREN ED IN 1993 Dates Las Element: Site:	RE KNOWN FROM [•] EATS. CE N OF TIOGA RD 3. st Seen
Threat: General: Owner/Manager Occurrence No. Occ Rank: Origin: Presence: Trend: Main Source:	: ON EAST FACING : MARGINATA, CRYF AREA. SEA FIG ENCROAC APPROX 10,000 PL 1992, 27,000 ESTIM : PVT 4 Unknown Natural/Native occur Presumed Extant Unknown	SAND HILLS. ABUND, PTANTHA LATIFOLIUI CHMENT, DEVELOPM ANTS IN WHAT APPE IATED IN 1993, 100,0 Map Index: 10390 rrence (OBS)	ANT IN CLEARINGS OF SEA FIG. WITH CARPO M, CAMISSONIA CHEIRANTHIFOLIA, & BROM IENT, TRASH DUMPING, RECREATIONAL USE EARS TO BE VACANT LOT IN 1986, 5000 IN 19 00 IN 1995. SEEDING AND TRANSPLANTATIO	IUS DIANDRUS. OTHER RAR E, AND VEHICLE TRESPASS 387, 96 SEEN IN PART OF O ON EXPERIMENTS ATTEMPT 	ARE TAXA AI ARE THR CCURREN ED IN 1993 Dates Las Element: Site:	RE KNOWN FROM [•] EATS. CE N OF TIOGA RD 3. st Seen
Threat: General: Owner/Manager Occurrence No. Occ Rank: Origin: Presence: Trend: Main Source:	ON EAST FACING 3 MARGINATA, CRYF AREA. SEA FIG ENCROAC APPROX 10,000 PL 1992, 27,000 ESTIM PVT 4 Unknown Natural/Native occur Presumed Extant Unknown FERREIRA, J. 1985 MARINA (3612167/3	SAND HILLS. ABUND, PTANTHA LATIFOLIUI CHMENT, DEVELOPM ANTS IN WHAT APPE IATED IN 1993, 100,0 Map Index: 10390 rrence (OBS)	ANT IN CLEARINGS OF SEA FIG. WITH CARPO M, CAMISSONIA CHEIRANTHIFOLIA, & BROM IENT, TRASH DUMPING, RECREATIONAL USE EARS TO BE VACANT LOT IN 1986, 5000 IN 19 00 IN 1995. SEEDING AND TRANSPLANTATIO	IUS DIANDRUS. OTHER RAR E, AND VEHICLE TRESPASS 387, 96 SEEN IN PART OF O ON EXPERIMENTS ATTEMPT 	ARE TAXA AI ARE THR CCURREN ED IN 1993 Dates Las Element: Site:	RE KNOWN FROM [•] EATS. CE N OF TIOGA RD 3. st Seen
Threat: General: Owner/Manager Occurrence No. Occ Rank: Origin: Presence: Trend: Main Source: Quad Summary: County Summary	ON EAST FACING 3 MARGINATA, CRYF AREA. SEA FIG ENCROAC APPROX 10,000 PL 1992, 27,000 ESTIM PVT 4 Unknown Natural/Native occur Presumed Extant Unknown FERREIRA, J. 1985 MARINA (3612167/3	SAND HILLS. ABUND, PTANTHA LATIFOLIUI CHMENT, DEVELOPM ANTS IN WHAT APPE IATED IN 1993, 100,0 Map Index: 10390 rrence (OBS) 366A)	ANT IN CLEARINGS OF SEA FIG. WITH CARPO M, CAMISSONIA CHEIRANTHIFOLIA, & BROM IENT, TRASH DUMPING, RECREATIONAL USE EARS TO BE VACANT LOT IN 1986, 5000 IN 19 00 IN 1995. SEEDING AND TRANSPLANTATIO	IUS DIANDRUS. OTHER RAR E, AND VEHICLE TRESPASS 387, 96 SEEN IN PART OF O ON EXPERIMENTS ATTEMPT 	E TAXA AI ARE THR CCURREN ED IN 199 Dates Lat Element: Site: Updated:	RE KNOWN FROM [•] EATS. CE N OF TIOGA RD 3. st Seen
Threat: General: Owner/Manager Occurrence No. Occ Rank: Origin: Presence: Trend: Main Source: Quad Summary County Summary Lat/Long: UTM:	: ON EAST FACING 3 MARGINATA, CRYF AREA. SEA FIG ENCROAC APPROX 10,000 PL 1992, 27,000 ESTIM : PVT 4 Unknown Natural/Native occur Presumed Extant Unknown FERREIRA, J. 1985 : MARINA (3612167/3 : MONTEREY 36.68375° / -121.81 Zone-10 N4060449	SAND HILLS. ABUND, PTANTHA LATIFOLIUI CHMENT, DEVELOPM ANTS IN WHAT APPE MATED IN 1993, 100,0 Map Index: 10390 rrence (OBS) 366A) 102°	ANT IN CLEARINGS OF SEA FIG. WITH CARPA M, CAMISSONIA CHEIRANTHIFOLIA, & BROM MENT, TRASH DUMPING, RECREATIONAL USE EARS TO BE VACANT LOT IN 1986, 5000 IN 19 00 IN 1995. SEEDING AND TRANSPLANTATIO EO Index: 428	IUS DIANDRUS. OTHER RAR E, AND VEHICLE TRESPASS 387, 96 SEEN IN PART OF O IN EXPERIMENTS ATTEMPT Record Last Township: Range:	E TAXA AI ARE THR CCURREN ED IN 1993 Dates Las Element: Site: t Updated: 14S 01E	RE KNOWN FROM EATS. CE N OF TIOGA RD 3. 1993-05-XX 1993-05-XX 1996-03-07
Threat: General: Owner/Manager Occurrence No. Occ Rank: Origin: Presence: Trend: Main Source: Quad Summary County Summary Lat/Long: UTM: Area:	: ON EAST FACING 3 MARGINATA, CRYF AREA. SEA FIG ENCROAC APPROX 10,000 PL 1992, 27,000 ESTIM : PVT 4 Unknown Presumed Extant Unknown FERREIRA, J. 1985 MARINA (3612167/3 : MONTEREY 36.68375° / -121.81 Zone-10 N4060449 60.7 ac	SAND HILLS. ABUND, PTANTHA LATIFOLIUI CHMENT, DEVELOPM ANTS IN WHAT APPE MATED IN 1993, 100,0 Map Index: 10390 rrence (OBS) 366A) 102°	ANT IN CLEARINGS OF SEA FIG. WITH CARPA M, CAMISSONIA CHEIRANTHIFOLIA, & BROM IENT, TRASH DUMPING, RECREATIONAL USE EARS TO BE VACANT LOT IN 1986, 5000 IN 19 00 IN 1995. SEEDING AND TRANSPLANTATIO EO Index: 428	IUS DIANDRUS. OTHER RAR E, AND VEHICLE TRESPASS 387, 96 SEEN IN PART OF OC IN EXPERIMENTS ATTEMPT Record Last Township: Range: Section:	E TAXA AI ARE THR CCURREN ED IN 1993 Dates La: Element: Site: Updated: 14S 01E XX	RE KNOWN FROM [•] EATS. CE N OF TIOGA RD 3. st Seen
Threat: General: Owner/Manager Occurrence No. Occ Rank: Origin: Presence: Trend: Main Source: Quad Summary County Summary Lat/Long: UTM:	: ON EAST FACING 3 MARGINATA, CRYF AREA. SEA FIG ENCROAC APPROX 10,000 PL 1992, 27,000 ESTIM : PVT 4 Unknown Presumed Extant Unknown FERREIRA, J. 1985 MARINA (3612167/3 : MONTEREY 36.68375° / -121.81 Zone-10 N4060449 60.7 ac	SAND HILLS. ABUND, PTANTHA LATIFOLIUI CHMENT, DEVELOPM ANTS IN WHAT APPE MATED IN 1993, 100,0 Map Index: 10390 rrence (OBS) 366A) 102°	ANT IN CLEARINGS OF SEA FIG. WITH CARPA M, CAMISSONIA CHEIRANTHIFOLIA, & BROM MENT, TRASH DUMPING, RECREATIONAL USE EARS TO BE VACANT LOT IN 1986, 5000 IN 19 00 IN 1995. SEEDING AND TRANSPLANTATIO EO Index: 428	IUS DIANDRUS. OTHER RAR E, AND VEHICLE TRESPASS 387, 96 SEEN IN PART OF O IN EXPERIMENTS ATTEMPT Record Last Township: Range:	E TAXA AI ARE THR CCURREN ED IN 1993 Dates La: Element: Site: Updated: 14S 01E XX	RE KNOWN FROM EATS. CE N OF TIOGA RD 3. 1993-05-XX 1993-05-XX 1996-03-07
Threat: General: Owner/Manager: Occurrence No. Occ Rank: Origin: Presence: Trend: Main Source: Quad Summary: County Summary Lat/Long: UTM: Area: Elevation:	: ON EAST FACING 3 MARGINATA, CRYF AREA. SEA FIG ENCROAC APPROX 10,000 PL 1992, 27,000 ESTIM : PVT 4 IIIII : PVT 4 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	SAND HILLS. ABUND. PTANTHA LATIFOLIUI CHMENT, DEVELOPM ANTS IN WHAT APPE MATED IN 1993, 100,0 Map Index: 10390 rrence (OBS) 366A) 102° E606229	ANT IN CLEARINGS OF SEA FIG. WITH CARPA M, CAMISSONIA CHEIRANTHIFOLIA, & BROM IENT, TRASH DUMPING, RECREATIONAL USE EARS TO BE VACANT LOT IN 1986, 5000 IN 19 00 IN 1995. SEEDING AND TRANSPLANTATIO EO Index: 428	IUS DIANDRUS. OTHER RAR E, AND VEHICLE TRESPASS 287, 96 SEEN IN PART OF OG IN EXPERIMENTS ATTEMPT Record Last Township: Range: Section: Meridian:	E TAXA AI ARE THR CCURRENCED IN 1993 Dates Las Element: Site: Updated: 14S 01E XX M	RE KNOWN FROM EATS. CE N OF TIOGA RD 3. st Seen
Threat: General: Owner/Manager: Occurrence No. Occ Rank: Origin: Presence: Trend: Main Source: Quad Summary County Summary Lat/Long: UTM: Area: Elevation:	: ON EAST FACING 3 MARGINATA, CRYF AREA. SEA FIG ENCROAC APPROX 10,000 PL 1992, 27,000 ESTIN : PVT 4 10 Unknown Presumed Extant Unknown FERREIRA, J. 1985 : MARINA (3612167/3 : MONTEREY 36.68375° / -121.81 Zone-10 N4060449 60.7 ac : 50 ft : MARINA STATE BE	SAND HILLS. ABUND. PTANTHA LATIFOLIUI CHMENT, DEVELOPM ANTS IN WHAT APPE IATED IN 1993, 100,0 Map Index: 10390 rrence (OBS) 366A) 102° E606229	ANT IN CLEARINGS OF SEA FIG. WITH CARPA M, CAMISSONIA CHEIRANTHIFOLIA, & BROM MENT, TRASH DUMPING, RECREATIONAL USE EARS TO BE VACANT LOT IN 1986, 5000 IN 19 000 IN 1995. SEEDING AND TRANSPLANTATIO EO Index: 428 Mapping PrecisionSPECIFIC Symbol Type:POLYGON	IUS DIANDRUS. OTHER RAR E, AND VEHICLE TRESPASS 387, 96 SEEN IN PART OF OO IN EXPERIMENTS ATTEMPT Record Last Township: Range: Section: Meridian:	E TAXA AI ARE THR CCURREN ED IN 199: Dates La: Element: Site: t Updated: t Updated: 14S 01E XX M ND HWY 1.	RE KNOWN FROM EATS. CE N OF TIOGA RD 3. st Seen
Threat: General: Owner/Manager: Occurrence No. Occ Rank: Origin: Presence: Trend: Main Source: Quad Summary Quad Summary County Summary Lat/Long: UTM: Area: Elevation: Location Ecological	: ON EAST FACING 3 MARGINATA, CRYF AREA. SEA FIG ENCROAC APPROX 10,000 PL 1992, 27,000 ESTIN : PVT 4 0 Unknown Natural/Native occur Presumed Extant Unknown FERREIRA, J. 1985 : MARINA (3612167/3 : MONTEREY 36.68375° / -121.81 Zone-10 N4060449 60.7 ac : 50 ft : MARINA STATE BE : IN COASTAL DUNE	SAND HILLS. ABUND. PTANTHA LATIFOLIUI CHMENT, DEVELOPM ANTS IN WHAT APPE IATED IN 1993, 100,0 Map Index: 10390 rrence (OBS) 366A) 102° E606229 ACH, W OF TOWN O SCRUB ON REAR D	ANT IN CLEARINGS OF SEA FIG. WITH CARPA M, CAMISSONIA CHEIRANTHIFOLIA, & BROMM MENT, TRASH DUMPING, RECREATIONAL USE EARS TO BE VACANT LOT IN 1986, 5000 IN 19 00 IN 1995. SEEDING AND TRANSPLANTATIO EO Index: 428 Mapping PrecisionSPECIFIC Symbol Type:POLYGON F MARINA AND HWY 1, FROM 0.2-1.25 MI S O	IUS DIANDRUS. OTHER RAR E, AND VEHICLE TRESPASS 387, 96 SEEN IN PART OF OO IN EXPERIMENTS ATTEMPT Record Last Township: Range: Section: Meridian: DF JCT RESERVATION RD AF MINATED BY CARPOBROTU	E TAXA AI ARE THR CCURREN ED IN 199: Dates La: Element: Site: t Updated: t Updated: 14S 01E XX M ND HWY 1.	RE KNOWN FROM EATS. CE N OF TIOGA RD 3. st Seen

sand gilia				nt Code: PDPLM041P2	
Ecdoral: Endora			NDDB Element Ranks Global: G3G4T2	Other Lists	
Federal: Endang State: Threate			State: S2.2	CNPS List: 1B R-E-D Code: 3-2-3	
	SSOCIATIONS		L (MARITIME), CISMONTANE WOODLAND.		
			UNE SUMMIT OR IN THE HIND DUNES; 2 RECO	RDS FROM PLEISTOCENE INLAND D	JNES. 0-245M.
Occurrence No	. 5 Map In	dex: 10458	EO Index: 1298	Dates Last S	een ———
Occ Rank:				Element: 19	93-05-XX
Origin:	Natural/Native occurrence			Site: 19	93-05-XX
	Presumed Extant			Record Last Updated: 19	07 00 00
	Unknown DAY, A. 1980 (PERS)			Record Last Opdated. Is	97-09-00
	: MOSS LANDING (3612177	7/387D)			
County Summary	: MONTEREY				
	: 36.77206º/-121.79602º			Township: 13S	
	Zone-10 N4070262 E6074	46		Range: 02E	-
Area: Elevation:	72.6 ac		Mapping PrecisionSPECIFIC Symbol Type:POLYGON	Section: XX Meridian: M	Qtr: XX
Elevation	. 30 II		Symbol Type.POLTGON		
Location	: SALINAS RIVER STATE B	BEACH ON DUNE	S SURROUNDING PARKING AREA, AND MONT	EREY DUNES COLONY.	
Location Detai			NOTED THAT ALVA DAY BELIEVES THIS OCCU	JRRENCE REPRESENTS INTERGRAD	ES WITH SSP.
	TENUIFLORA. STUDIES N	VEEDED.			
Ecological	REAR DUNE DOMINATED) BY CARPOBRO	DTUS SPP., ERIOPHYLLUM.		
Threat:	: LOW USE AREA, BUT SO	ME EQUESTRIA	N DISTURBANCE. ALSO ORV'S, FOOT TRAFFIC	, ENCROACHMENT BY NONNATIVES,	& DEVELOPMEN
General	LESS THAN 10000 PLAN	TS IN 1985: 2000	0 IN 1986; 1665 IN 1987, BUT ONLY STATE PARK	LAND INCLUDED IN THIS LATTER SI	JRVEY, 13,500 IN
	1993. SEEDING EXPERIN				
Owner/Manager	: DPR-SALINAS RIVER SB,	, PVT			
Occurrence No		dex: 09885	EO Index: 28985	— Dates Last S	
Occ Rank:				Element: 19 Site: 19	
-	: Natural/Native occurrence : Extirpated			Site. 18	04-03-11
	Unknown			Record Last Updated: 19	96-05-23
Main Source:	STROMBERG, L. 1984 (OI	BS)			
Quad Summary	: MONTEREY (3612158/366	6C)			
County Summary					
Lat/Long	: 36.61328º / -121.94477º			Township: 99X	
-	Zone-10 N4052492 E5943	365		Range: 99X	
	80 meters		Mapping PrecisionSPECIFIC	-	Qtr: XX
Elevation			Symbol Type:POINT	Meridian: M	
	: 50 ft				
			PANISH BAY ROAD THIS SITE IS NOW THE SP	ANISH BAY GOLE COURSE	
Location	: NORTH MOSS BEACH; S		SPANISH BAY ROAD. THIS SITE IS NOW THE SP		
Location Ecological	: NORTH MOSS BEACH; S I: FORMERLY IN STABLE C	OPEN SAND ARE	A. ASSOCIATED WITH LUPINUS TIDESTROMII T	TIDESTROMII AND POLYGONUM PAR	ONYCHIA.
Location Ecological	: NORTH MOSS BEACH; S I: FORMERLY IN STABLE C	OPEN SAND ARE		TIDESTROMII AND POLYGONUM PAR	ONYCHIA.
Location Ecological	: NORTH MOSS BEACH; So I: FORMERLY IN STABLE C : ONE PLANT. DUNE REST	OPEN SAND ARE	A. ASSOCIATED WITH LUPINUS TIDESTROMII T	TIDESTROMII AND POLYGONUM PAR	DNYCHIA.
Location Ecological General: Owner/Manager	:: NORTH MOSS BEACH; So I: FORMERLY IN STABLE O :: ONE PLANT. DUNE REST :: PVT	DPEN SAND ARE	A. ASSOCIATED WITH LUPINUS TIDESTROMII T PREPARED. PLANTS EXTIRPATED BY GOLF CO	IDESTROMII AND POLYGONUM PAR OURSE DEVELOPMENT.	
Location Ecological General: Owner/Manager Occurrence No	I: NORTH MOSS BEACH; So I: FORMERLY IN STABLE O I: ONE PLANT. DUNE REST I: PVT	OPEN SAND ARE	A. ASSOCIATED WITH LUPINUS TIDESTROMII T	TIDESTROMII AND POLYGONUM PARI OURSE DEVELOPMENT. —— Dates Last S	een
Location Ecological General: Owner/Manager Occurrence No Occ Rank:	: NORTH MOSS BEACH; SI I: FORMERLY IN STABLE C : ONE PLANT. DUNE REST : PVT . 10 Map In : None	DPEN SAND ARE FORATION PLAN	A. ASSOCIATED WITH LUPINUS TIDESTROMII T PREPARED. PLANTS EXTIRPATED BY GOLF CO	TIDESTROMII AND POLYGONUM PAR OURSE DEVELOPMENT. —— Dates Last S Element: 15	een
Location Ecological General: Owner/Manager Occurrence No Occ Rank: Origin:	I: NORTH MOSS BEACH; So I: FORMERLY IN STABLE O I: ONE PLANT. DUNE REST I: PVT	DPEN SAND ARE FORATION PLAN	A. ASSOCIATED WITH LUPINUS TIDESTROMII T PREPARED. PLANTS EXTIRPATED BY GOLF CO	TIDESTROMII AND POLYGONUM PARI OURSE DEVELOPMENT. —— Dates Last S	een
Location Ecological General: Owner/Manager Occurrence No Occ Rank: Origin: Presence:	I: NORTH MOSS BEACH; SI I: FORMERLY IN STABLE O I: ONE PLANT. DUNE REST I: PVT I: 10 Map In I: None I: Natural/Native occurrence	DPEN SAND ARE FORATION PLAN	A. ASSOCIATED WITH LUPINUS TIDESTROMII T PREPARED. PLANTS EXTIRPATED BY GOLF CO	TIDESTROMII AND POLYGONUM PAR OURSE DEVELOPMENT. —— Dates Last S Element: 15	een 185-04-XX 185-04-XX
Location Ecological General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend:	NORTH MOSS BEACH; So FORMERLY IN STABLE O ONE PLANT. DUNE REST PVT 10 Map In None Natural/Native occurrence Extirpated	DPEN SAND ARE FORATION PLAN	A. ASSOCIATED WITH LUPINUS TIDESTROMII T PREPARED. PLANTS EXTIRPATED BY GOLF CO	TIDESTROMII AND POLYGONUM PAR OURSE DEVELOPMENT. — Dates Last S Element: 19 Site: 19	een 185-04-XX 185-04-XX
Location Ecological General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Main Source:	: NORTH MOSS BEACH; So : FORMERLY IN STABLE O : ONE PLANT. DUNE REST : PVT . 10 Map In : None : Natural/Native occurrence : Extirpated : Unknown	DPEN SAND ARE FORATION PLAN	A. ASSOCIATED WITH LUPINUS TIDESTROMII T PREPARED. PLANTS EXTIRPATED BY GOLF CO	TIDESTROMII AND POLYGONUM PAR OURSE DEVELOPMENT. — Dates Last S Element: 19 Site: 19	een 185-04-XX 185-04-XX
Location Ecological General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Main Source:	NORTH MOSS BEACH; Si FORMERLY IN STABLE C ONE PLANT. DUNE REST PVT 10 Map In None None Natural/Native occurrence Extirpated Unknown LIND, H. 1985 (OBS) SEASIDE (3612157/366D)	DPEN SAND ARE FORATION PLAN	A. ASSOCIATED WITH LUPINUS TIDESTROMII T PREPARED. PLANTS EXTIRPATED BY GOLF CO	TIDESTROMII AND POLYGONUM PAR OURSE DEVELOPMENT. — Dates Last S Element: 19 Site: 19	een 185-04-XX 185-04-XX
Location Ecological General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Main Source: Quad Summary County Summary	I: NORTH MOSS BEACH; SI I: FORMERLY IN STABLE C I: ONE PLANT. DUNE REST I: PVT I: 10 Map In I: None I: Natural/Native occurrence I: Extipated I: Unknown I: LIND, H. 1985 (OBS) I: SEASIDE (3612157/366D) I: MONTEREY	DPEN SAND ARE FORATION PLAN	A. ASSOCIATED WITH LUPINUS TIDESTROMII T PREPARED. PLANTS EXTIRPATED BY GOLF CO	TIDESTROMII AND POLYGONUM PAR OURSE DEVELOPMENT. — Dates Last S Element: 19 Site: 19 Record Last Updated: 19	een 185-04-XX 185-04-XX
Location Ecological General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Main Source: Quad Summary County Summary Lat/Long:	I: NORTH MOSS BEACH; Si I: FORMERLY IN STABLE O I: ONE PLANT. DUNE REST I: PVT I: None I: None I: Natural/Native occurrence I: Extirpated I: Unknown I: LIND, H. 1985 (OBS) I: SEASIDE (3612157/366D) I: MONTEREY I: 36.58745° / -121.83218°	DPEN SAND ARE FORATION PLAN Idex: 10301	A. ASSOCIATED WITH LUPINUS TIDESTROMII T PREPARED. PLANTS EXTIRPATED BY GOLF CO	TIDESTROMII AND POLYGONUM PAR OURSE DEVELOPMENT. — Dates Last S Element: 19 Site: 19 Record Last Updated: 19 	een 185-04-XX 185-04-XX
Location Ecological General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Main Source: Quad Summary County Summary Lat/Long: UTM:	NORTH MOSS BEACH; Si FORMERLY IN STABLE C ONE PLANT. DUNE REST PVT 10 Map In None Natural/Native occurrence Extirpated Unknown LIND, H. 1985 (OBS) SEASIDE (3612157/366D) MONTEREY 36.58745° / -121.83218° Zone-10 N4049743 E6044	DPEN SAND ARE FORATION PLAN Idex: 10301	A. ASSOCIATED WITH LUPINUS TIDESTROMII T PREPARED. PLANTS EXTIRPATED BY GOLF CO EO Index: 18424	TIDESTROMII AND POLYGONUM PAR OURSE DEVELOPMENT. — Dates Last S Element: 19 Site: 19 Record Last Updated: 19 Township: 99X Range: 99X	een 85-04-XX 85-04-XX 97-09-06
Location Ecological General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Main Source: Quad Summary County Summary Lat/Long: UTM:	NORTH MOSS BEACH; So FORMERLY IN STABLE O ONE PLANT. DUNE REST PVT 10 Map Inc None Natural/Native occurrence Extirpated Unknown LIND, H. 1985 (OBS) SEASIDE (3612157/366D) SEASIDE (3612157/366D) MONTEREY 36.58745° / -121.83218° Zone-10 N4049743 E6044 1/5 mile	DPEN SAND ARE FORATION PLAN Idex: 10301	A. ASSOCIATED WITH LUPINUS TIDESTROMII T PREPARED. PLANTS EXTIRPATED BY GOLF CO	TIDESTROMII AND POLYGONUM PAR OURSE DEVELOPMENT. — Dates Last S Element: 19 Site: 19 Record Last Updated: 19 Township: 99X Range: 99X	een 185-04-XX 185-04-XX
Location Ecological General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Main Source: Quad Summary County Summary Lat/Long: UTM: Radius: Elevation:	NORTH MOSS BEACH; Si FORMERLY IN STABLE O ONE PLANT. DUNE REST ONE PLANT. DUNE REST None None Natural/Native occurrence Extipated Unknown LIND, H. 1985 (OBS) SEASIDE (3612157/366D) MONTEREY 36.58745° / -121.83218° Zone-10 N4049743 E6044 1/5 mile 100 ft	DPEN SAND ARE FORATION PLAN	A. ASSOCIATED WITH LUPINUS TIDESTROMII T PREPARED. PLANTS EXTIRPATED BY GOLF CO EO Index: 18424 Mapping PrecisionNON-SPECIFIC Symbol Type:POINT	TIDESTROMII AND POLYGONUM PAR OURSE DEVELOPMENT. — Dates Last S Element: 19 Site: 19 Record Last Updated: 19 Township: 99X Range: 99X Section: XX	een 85-04-XX 85-04-XX 97-09-06
Location Ecological General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Main Source: Quad Summary County Summary Lat/Long: UTM: Radius: Elevation:	NORTH MOSS BEACH; Si FORMERLY IN STABLE C ONE PLANT. DUNE REST PVT 10 Map In None Natural/Native occurrence Extirpated Unknown LIND, H. 1985 (OBS) SEASIDE (3612157/366D) MONTEREY 36.88745° / -121.83218° Zone-10 N4049743 E6044 1/5 mile 100 ft END OF DEL REY GARDE	DPEN SAND ARE FORATION PLAN Idex: 10301	A. ASSOCIATED WITH LUPINUS TIDESTROMII T PREPARED. PLANTS EXTIRPATED BY GOLF CO EO Index: 18424 Mapping PrecisionNON-SPECIFIC Symbol Type:POINT OF HWY 218, DEL REY OAKS.	TIDESTROMII AND POLYGONUM PAR OURSE DEVELOPMENT. — Dates Last S Element: 19 Site: 19 Record Last Updated: 19 Township: 99X Range: 99X Section: XX	een 85-04-XX 85-04-XX 97-09-06
Location Ecological General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Main Source: Quad Summary County Summary Lat/Long: UTM: Radius: Elevation: Location Ecological	NORTH MOSS BEACH; Si FORMERLY IN STABLE C ONE PLANT. DUNE REST PVT 10 Map In None Natural/Native occurrence Extirpated Unknown LIND, H. 1985 (OBS) SEASIDE (3612157/366D) MONTEREY 36.58745° / -121.83218° Zone-10 N4049743 E6044 1/5 mile 100 ft END OF DEL REY GARDE SCRAPED SANDY AREA.	DPEN SAND ARE FORATION PLAN Idex: 10301	A. ASSOCIATED WITH LUPINUS TIDESTROMII T PREPARED. PLANTS EXTIRPATED BY GOLF CO EO Index: 18424 Mapping PrecisionNON-SPECIFIC Symbol Type:POINT OF HWY 218, DEL REY OAKS. VITH DUNE AND COASTAL SCRUB SPECIES.	TIDESTROMII AND POLYGONUM PAR OURSE DEVELOPMENT. — Dates Last S Element: 19 Site: 19 Record Last Updated: 19 Township: 99X Range: 99X Section: XX	een 85-04-XX 85-04-XX 97-09-06
Location Ecological General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Main Source: Quad Summary County Summary Lat/Long: UTM: Radius: Elevation: Location Ecological Threat:	NORTH MOSS BEACH; Si FORMERLY IN STABLE C ONE PLANT. DUNE REST PVT 10 Map In None Natural/Native occurrence Xatural/Native occurrence Linkp. H. 1985 (OBS) SEASIDE (3612157/366D) MONTEREY 36.58745° / -121.83218° Zone-10 N4049743 E6044 1/5 mile 100 ft END OF DEL REY GARDE SCRAPED SANDY AREA. COMMERCIAL DEVELOP	DPEN SAND ARE FORATION PLAN Idex: 10301	A. ASSOCIATED WITH LUPINUS TIDESTROMII T PREPARED. PLANTS EXTIRPATED BY GOLF CO EO Index: 18424 Mapping PrecisionNON-SPECIFIC Symbol Type:POINT OF HWY 218, DEL REY OAKS. VITH DUNE AND COASTAL SCRUB SPECIES. ENSION OF ROAD.	TIDESTROMII AND POLYGONUM PAR OURSE DEVELOPMENT. — Dates Last S Element: 19 Site: 19 Record Last Updated: 19 Township: 99X Range: 99X Section: XX Meridian: M	een 185-04-XX 185-04-XX 197-09-06 Qtr: XX
Location Ecological General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Main Source: Quad Summary County Summary Lat/Long: UTM: Radius: Elevation: Location Ecological Threat:	I: NORTH MOSS BEACH; Si I: FORMERLY IN STABLE C CONE PLANT. DUNE REST I: PVT I0 Map In I: None I: Natural/Native occurrence I: Extipated Unknown I: LIND, H. 1985 (OBS) I: SEASIDE (3612157/366D) I: MONTEREY I: 36.58745° / -121.83218° Zone-10 N4049743 E6044 I /5 mile I: 100 ft I: END OF DEL REY GARDE I: SCRAPED SANDY AREA. I: COMMERCIAL DEVELOP I: LESS THAN 50 PLANTS A	DPEN SAND ARE FORATION PLAN dex: 10301	A. ASSOCIATED WITH LUPINUS TIDESTROMII T PREPARED. PLANTS EXTIRPATED BY GOLF CO EO Index: 18424 Mapping PrecisionNON-SPECIFIC Symbol Type:POINT OF HWY 218, DEL REY OAKS. VITH DUNE AND COASTAL SCRUB SPECIES.	TIDESTROMII AND POLYGONUM PAR OURSE DEVELOPMENT. — Dates Last S Element: 19 Site: 19 Record Last Updated: 19 Township: 99X Range: 99X Section: XX Meridian: M REMOVED FOR FILL AT MONTEREY	een 85-04-XX 197-09-06 Qtr: XX NRPORT.

	us ————	NDDB Element Ranks	ement Code: PDPLM041P2 Other Lists
Federal: Endange State: Threater	ered	Global: G3G4T2 State: S2.2	CNPS List: 1B R-E-D Code: 3-2-3
Habitat As			
	AL DUNES, COASTAL SCRUB, CHAPARRA WIND-SHELTERED AREAS OFTEN NEAR D		ECORDS FROM PLEISTOCENE INLAND DUNES. 0-245M.
Occurrence No.	. 11 Map Index: 23580	EO Index: 23775	Dates Last Seen
Occ Rank: Origin: Presence:	Transplant Outside of Native Hab./Range		Element: 1987-XX-XX Site: 199X-XX-XX
Trend:	Unknown LSA ASSOC. 1987 (LIT)		Record Last Updated: 1996-03-15
Quad Summary: County Summary	MONTEREY (3612158/366C) MONTEREY		
Lat/Long:	36.61009º / -121.94634º		Township: 99X
	Zone-10 N4052136 E594228 19.0 ac 40 ft	Mapping PrecisionNON-SPECIF Symbol Type:POLYGON	Range: 99X IC Section: XX Qtr: XX Meridian: M
		NISH BAY RD & W OF 17 MILE DRIVE, MON	
Location Detail	: MAPPED AS 2 POLYGONS WITH OTHER IN BOTH POLYGONS).	RARE PLANT TAXA WHICH WERE ALSO TR	ANSPLANTED HERE (GILIA MAY NOT HAVE BEEN PLAN
Ecological	EXPERIMENTAL DUNE CREATION AS MI MENZIESII ALSO TRANSPLANTED HERE.	IGATION FOR GOLF COURSE CONSTRUCT	FION. LUPINUS TIDESTROMII AND ERYSIMUM MENZIESI
		GILIA EXTIRPATED FROM THIS TRANSPLA	NT SITE.
Owner/Manager:	PVT		
Occurrence No. Occ Rank:	•	EO Index: 23156	Dates Last Seen Element: 1992-XX-XX
Origin:	Natural/Native occurrence		Site: 1992-XX-XX
Trend:	Presumed Extant Unknown ARMY CORPS OF ENGINEERS 1992 (LIT)		Record Last Updated: 1995-11-20
	SPRECKELS (3612156/365C)		
County Summary			
	36.61532º / -121.70999º Zone-10 N4052974 E615358		Township: 15S Range: 02E
Area:	125.7 ac	Mapping PrecisionNON-SPECIF	IC Section: XX Qtr: XX
Elevation:		Symbol Type:POLYGON	Meridian: M
		RDERED BY JACKS ROAD ON THE S AND E	, N TO ENGINEER CANYON ROAD. ". FIELDWORK CONDUCTED BY JONES AND STOKES AS
General.	INC.		
	BLM-FORT ORD		
Owner/Manager:		FO Index : 23157	Dates Last Seen
	13 Map Index: 27798	EO Index: 23157	Dates Last Seen
Owner/Manager: Occurrence No. Occ Rank: Origin:	13 Map Index: 27798 Unknown Natural/Native occurrence	EO Index: 23157	
Owner/Manager: Occurrence No. Occ Rank: Origin: Presence:	13 Map Index: 27798 Unknown Natural/Native occurrence Presumed Extant	EO Index: 23157	Element: 1992-XX-XX Site: 1992-XX-XX
Owner/Manager: Occurrence No. Occ Rank: Origin: Presence: Trend:	13 Map Index: 27798 Unknown Natural/Native occurrence		Element: 1992-XX-XX
Owner/Manager: Occurrence No. Occ Rank: Origin: Presence: Trend: Main Source:	13 Map Index: 27798 Unknown Natural/Native occurrence Presumed Extant Unknown		Element: 1992-XX-XX Site: 1992-XX-XX
Owner/Manager: Occurrence No. Occ Rank: Origin: Presence: Trend: Main Source:	13 Map Index: 27798 Unknown Natural/Native occurrence Presumed Extant Unknown ARMY CORPS OF ENGINEERS 1992 (LIT) SPRECKELS (3612156/365C)		Element: 1992-XX-XX Site: 1992-XX-XX
Owner/Manager: Occurrence No. Occ Rank: Origin: Presence: Trend: Main Source: Quad Summary: County Summary: Lat/Long:	13 Map Index: 27798 Unknown Natural/Native occurrence Presumed Extant Unknown ARMY CORPS OF ENGINEERS 1992 (LIT) SPRECKELS (3612156/365C) :MONTEREY 36.62016º / -121.69346°		Element: 1992-XX-XX Site: 1992-XX-XX Record Last Updated: 1995-11-20 Township: 15S
Owner/Manager: Occurrence No. Occ Rank: Origin: Presence: Trend: Main Source: Quad Summary: County Summary: Lat/Long: UTM:	13 Map Index: 27798 Unknown Natural/Native occurrence Presumed Extant Unknown ARMY CORPS OF ENGINEERS 1992 (LIT) SPRECKELS (3612156/365C) MONTEREY 36.62016° / -121.69346° Zone-10 N4053531 E616829		Element: 1992-XX-XX Site: 1992-XX-XX Record Last Updated: 1995-11-20 Township: 15S Range: 02E
Owner/Manager: Occurrence No. Occ Rank: Origin: Presence: Trend: Main Source: Quad Summary: County Summary: Lat/Long: UTM:	13 Map Index: 27798 Unknown Natural/Native occurrence Presumed Extant Unknown ARMY CORPS OF ENGINEERS 1992 (LIT) SPRECKELS (3612156/365C) :MONTEREY 36.62016° / -121.69346° Zone-10 N4053531 E616829 66.1 ac		Element: 1992-XX-XX Site: 1992-XX-XX Record Last Updated: 1995-11-20 Township: 15S Range: 02E

sand gilia Stat		NDDB Element Ranks	nent Code: PDPLM041P2 Other Lists	
Federal: Endang State: Threate	ered	Global: G3G4T2 State: S2.2	CNPS List: 1B R-E-D Code: 3-2-3	
	ssociations ————————————————————————————————————	AL (MARITIME), CISMONTANE WOODLAND.		
Micro: BARE, V	VIND-SHELTERED AREAS OFTEN NEAR I	DUNE SUMMIT OR IN THE HIND DUNES; 2 REC	CORDS FROM PLEISTOCENE INLAND	DUNES. 0-245M.
Occurrence No		EO Index: 16991	Dates Last	
Occ Rank: Origin:	Unknown Natural/Native occurrence			1992-XX-XX 1992-XX-XX
Presence:	Presumed Extant		Barrad Last Undersch	1007 00 00
	Unknown ARMY CORPS OF ENGINEERS 1992 (LIT)	Record Last Updated:	1997-09-06
	: SPRECKELS (3612156/365C), SEASIDE (,		
County Summary	. , , ,			
Lat/Long:	· 36.62328º / -121.73738º		Township: 15S	
	Zone-10 N4053825 E612897		Range: 02E	
Area: Elevation	1,185.4 ac : 400 ft	Mapping PrecisionNON-SPECIFIC Symbol Type:POLYGON	C Section: XX Meridian: M	Qtr: XX
		W TO BOTH SIDES BARLOY CYN RD, E TO JC		
	, , ,	AREAS. ON SALINAS, SPECKELS, AND SEASI		TO IMPOSSIBLE CT
		ND FAUNA BASELINE STUDY OF FORT ORD".		
General		S PLANTS HERE ARE LIKELY INTERGRADES V		
Owner/Manager	: BLM			
Occurrence No	•	EO Index: 16989	Dates Last	
Occ Rank:	Unknown Natural/Native occurrence			1992-XX-XX 1992-XX-XX
•	Presumed Extant			1002 /01 /01
	Unknown		Record Last Updated:	1997-09-06
Main Source:	ARMY CORPS OF ENGINEERS 1992 (LIT)		
Quad Summary	: SALINAS (3612166/365B)			
County Summary	: MONTEREY			
-	36.64913º / -121.74486º		Township: 15S	
	Zone-10 N4056684 E612191 68.7 ac	Mapping PrecisionNON-SPECIFIC	Range: 02E C Section: XX	Qtr: XX
Elevation		Symbol Type:POLYGON	Meridian: M	u i. ^^
Location	FORT ORD MILITARY RESERVATION; VI	CINITY OF EAST GARRISON. BORDERED ON I	N BY WATKINS GATE RD, AND EXTEN	NDING S FOR 0.25 M
		ND FAUNA BASELINE STUDY OF FORT ORD".		
Contrain		S PLANTS HERE ARE LIKELY INTERGRADES V		
Owner/Manager	: BLM			
Occurrence No	. 16 Map Index: 27795	EO Index: 27412	Dates Last	t Seen
Occ Rank:	Unknown			1992-XX-XX
-	Natural/Native occurrence		Site:	1992-XX-XX
	Presumed Extant Unknown		Record Last Updated:	1995-11-20
Trend	ARMY CORPS OF ENGINEERS 1992 (LIT)		
	: SEASIDE (3612157/366D)			
Main Source:				
Main Source:	: MONTEREY		Township: 16S	
Main Source: Quad Summary County Summary Lat/Long:	: 36.59243º / -121.75887º			
Main Source: Quad Summary County Summary Lat/Long: UTM:	: 36.59243º / -121.75887º Zone-10 N4050377 E611019	Marglas Brackle MON 00501712	Range: 02E	Otra: 1/1/
Main Source: Quad Summary County Summary Lat/Long: UTM:	: 36.59243° / -121.75887° Zone-10 N4050377 E611019 155.7 ac	Mapping PrecisionNON-SPECIFIC Symbol Type:POLYGON	-	Qtr: XX
Main Source: Quad Summary County Summary Lat/Long: UTM: Area: Elevation:	: 36.59243º / -121.75887º Zone-10 N4050377 E611019 155.7 ac : 800 ft	Symbol Type:POLYGON	C Section: XX Meridian: M	Qtr: XX
Main Source: Quad Summary County Summary Lat/Long: UTM: Area: Elevation: Location	: 36.59243º / -121.75887º Zone-10 N4050377 E611019 155.7 ac : 800 ft	Symbol Type:POLYGON	C Section: XX Meridian: M	Qtr: XX

Page 15

Federal: Endang State: Threater	ered	NDDB Element Ranks Global: G3G4T2 State: S2.2	Other Lists Other Lists CNPS List: 1B R-E-D Code: 3-2-3
General: COAST		PARRAL (MARITIME), CISMONTANE WOODLA NEAR DUNE SUMMIT OR IN THE HIND DUNES	ND. 2 RECORDS FROM PLEISTOCENE INLAND DUNES. 0-2451
Occurrence No.	. 17 Map Index: 277	794 EO Index: 14182	— Dates Last Seen —
-	Unknown Natural/Native occurrence Presumed Extant		Element: 1992-XX-XX Site: 1992-XX-XX
Trend:	Unknown ARMY CORPS OF ENGINEERS 199	92 (LIT)	Record Last Updated: 1995-11-20
Quad Summary: County Summary	: SEASIDE (3612157/366D) : MONTEREY		
UTM: Area:	36.59556° / -121.79451° Zone-10 N4050684 E607827 66.8 ac	Mapping PrecisionNON-SF	
Elevation:		Symbol Type:POLYG	DN Meridian: M
General:		ON; 2.2-2.65 MI WNW OF LAGUNA SECA. DRA AND FAUNA BASELINE STUDY OF FORT	ORD".
•	Unknown Natural/Native occurrence	93 EO Index: 27411	Dates Last Seen Element: 1992-XX-XX Site: 1992-XX-XX
Trend:	Presumed Extant Unknown ARMY CORPS OF ENGINEERS 199	92 (LIT)	Record Last Updated: 1996-03-11
Quad Summary: County Summary	: SEASIDE (3612157/366D) : MONTEREY		
UTM: Area:	36.61175° / -121.80898° Zone-10 N4052464 E606510 1,150.7 ac	Mapping PrecisionNON-SF	
Elevation:		Symbol Type:POLYG	
Location Detail	:MAPPED AS TWO LARGE, NONSP	ECIFIC POLYGONS AT CNDDB.	
	BLM-FORT ORD	JRA AND FAUNA BASELINE STUDY OF FORT	ORD". FIELDWORK BY JONES AND STOKES ASSOC., INC.
Occurrence No. Occ Rank: Origin:	•	92 EO Index: 422	Dates Last Seen Element: 1992-XX-XX Site: 1992-XX-XX
Trend:	Presumed Extant Unknown ARMY CORPS OF ENGINEERS 199	92 (LIT)	Record Last Updated: 1997-09-06
Quad Summary: County Summary	: MARINA (3612167/366A) : MONTEREY		
UTM:	36.63057° / -121.78028° Zone-10 N4054584 E609050 65.0 ac	Mapping PrecisionNON-SF	
Area: Elevation:	100 #	Symbol Type:POLYG	

sand gilia		1	Element Code: PDPLM041P2
Status	s ———	NDDB Element Ranks	Other Lists
Federal: Endanger	red	Global: G3G4T2	CNPS List: 1B
State: Threatene	ed	State: S2.2	R-E-D Code: 3-2-3
Habitat Ass	sociations		
General: COASTA	L DUNES, COASTAL SCRUB, CHAPAR	RAL (MARITIME), CISMONTANE WOODLAND	l.
Micro: BARE, W	IND-SHELTERED AREAS OFTEN NEA	R DUNE SUMMIT OR IN THE HIND DUNES; 2	RECORDS FROM PLEISTOCENE INLAND DUNES. 0-245M.
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
	Presumed Extant		Presed Last Undeted. 1007.00.00
			Record Last Updated: 1997-09-06
	JONES & STOKES ASSOC. 1994 (LIT)		
Quad Summary: County Summary:	SALINAS (3612166/365B), MARINA (36 MONTEREY	12167/366A)	
			T 11 150
	36.67921º / -121.77677º		Township: 15S
	Zone-10 N4059984 E609296 421.4 ac	Mapping PrecisionSPECIFIC	Range: 02E Section: XX Qtr: XX
Elevation:		Symbol Type:POLYGON	Meridian: M
		SIDE OF INTER-GARRISON ROAD, EXTENDIN	IG N WITHIN MILITARY BOUNDARY TO FRITZSCHE AIRFIELD
Location Detail:	MAPPED AS 11 POLYGONS.		
	OTHER RARE PLANTS IN THE AREA: AMMOPHILUM.	CHORIZANTHE PUNGENS PUNGENS, ARCTO	DSTAPHYLOS PUMILA, ERIASTRUM VIRGATUM, & ERYSIMUI
Threat:	FORMERLY FORT ORD LAND. PLANT	S ON THE LANDFILL PROPERTY TO BE EXTI	RPATED, WITH TRANSLOCATION AS MITIGATION.
General:	AT LEAST 42.600 TOTAL PLANTS AT 1	THIS OCCURRENCE, ONLY SMALL AREA SUF	RVEYED IN 1994 (25 PLANTS E OF JCT RESERVATION RD AN
		REPORTED IN 1995. MONTEREY COUNTY P	
Owner/Manager:	UC-MONTEREY, UCLWRS		
Occurrence No.	21 Map Index: 27789	EO Index: 425	Dates Last Seen
Occ Rank:	Unknown		Element: 1993-XX-XX
Origin:	Natural/Native occurrence		Site: 1993-XX-XX
	Presumed Extant		
	Unknown JONES & STOKES ASSOC. 1994 (LIT)		Record Last Updated: 1997-09-06
	. ,		
	MARINA (3612167/366A)		
County Summary:	MONTEREY		
	36.67512º / -121.80500º		Township: 14S
	Zone-10 N4059498 E606779		Range: 01E
Area: Elevation:		Mapping PrecisionSPECIFIC	Section: XX Qtr: XX Meridian: M
		Symbol Type:POLYGON	
Location:	FORMERLY FORT ORD MILITARY RES	SERVATION; E SIDE OF DEL MONTE BLVD; 0.	.7-1.0 MI S OF JCT DEL MONTE BLVD & RESERVATION ROAD
General:	515 PLANTS IN 1993 IN TWO POPULA	TIONS.	
Owner/Manager:	CSU-MONTEREY?		
Occurrence No.	22 Map Index: 27788	EO Index: 426	Dates Last Seen
Occ Rank:	Good		Element: 1992-04-24
•	Natural/Native occurrence		Site: 1992-04-24
	Presumed Extant		Decerd Last Undeted: 4005 44 00
	Unknown JULIN, K. 1992 (OBS)		Record Last Updated: 1995-11-22
	,		
	MARINA (3612167/366A)		
County Summary:	MUNIEREY		
Lat/Long:	36.67686º / -121.81337º		Township: 14S
	Zone-10 N4059682 E606029		Range: 01E
	80 meters	Mapping PrecisionSPECIFIC	Section: XX Qtr: XX
Elevation:	80 ft	Symbol Type:POINT	Meridian: M
			1.1 MI SW OF JCT DEL MONTE BLVD AND RESERVATION RD
Ecological:	IN SWALE AND ALONG W-FACING SL	OPE. CONCENTRATED BULLET FRAGMENTS	S IN SAND.
-	ICEPLANT COULD THREATEN.		
Threat:	ICEPLANT COULD THREATEN. AT LEAST 20 PLANTS SEEN IN 1992.		

sand gilia			ement Code: PDPLM041P2
Federal: Endang State: Threater	ered	NDDB Element Ranks Global: G3G4T2 State: S2.2	Cher Lists CNPS List: 1B R-E-D Code: 3-2-3
Habitat As General: COAST		AL (MARITIME), CISMONTANE WOODLAND.	
Micro: BARE, \	VIND-SHELTERED AREAS OFTEN NEAR	DUNE SUMMIT OR IN THE HIND DUNES; 2 RE	ECORDS FROM PLEISTOCENE INLAND DUNES. 0-245M
Occurrence No. Occ Rank:	•	EO Index: 427	Dates Last Seen Element: 1988-03-31
	Natural/Native occurrence		Site: 1988-03-31
Presence:	Presumed Extant		
			Record Last Updated: 1996-03-25
	LYONS, K. 1988 (OBS)		
	MARINA (3612167/366A)		
County Summary			
	36.69238º / -121.80153º Zone-10 N4061417 E607065		Township: 11S
	80 meters	Mapping PrecisionSPECIFIC	Range: 01E Section: XX Qtr: XX
Elevation		Symbol Type:POINT	Meridian: M
Location	NE CORNER OF JCT SEASIDE AVE ANI	D RESERVATION RD.	
Ecological	IN SAND ON SW-FACING SLOPE WITH	LOTUS SCOPARIUS, ORTHOCARPUS SP., AN	D CARDIONEMA RAMOSISSIMUM.
Threat:	POTENTIAL DEVELOPMENT AND ICEPI	LANT ENCROACHMENT THREATEN.	
General:	FEWER THAN 1000 PLANTS IN 1988.		
Owner/Manager	UNKNOWN		
Occurrence No.	24 Map Index: 27787	EO Index: 429	Dates Last Seen
Occ Rank:	•		Element: 1987-05-XX
-	Natural/Native occurrence		Site: 1987-05-XX
	Presumed Extant		Record Last Updated: 1996-03-25
	Unknown ZOGER, A. & B. PAVLIK 1987 (LIT)		Record Last optated. 1990-09-29
	MARINA (3612167/366A)		
County Summary			
Lat/Long:	36.70162º / -121.80646º		Township: 14S
	Zone-10 N4062436 E606612		Range: 01E
Radius: Elevation:	80 meters	Mapping PrecisionSPECIFIC Symbol Type:POINT	Section: XX Qtr: XX Meridian: M
	0.35 MI NW OF JCT HWY 1 AND RESER		
	: ON FLANDRIAN DUNE SCRUB.	VATION ROAD.	
0	UNKNOWN HOW MANY PLANTS SEEN		
Owner/Manager		IN 1967. MORE IN O'NEEDED.	
Owner/Manager			
Occurrence No.	25 Map Index: 27786	EO Index: 430	Dates Last Seen
Occ Rank:			Element: 1987-05-XX Site: 1987-05-XX
-	Natural/Native occurrence Presumed Extant		Sile. 1907-03-XX
	Unknown		Record Last Updated: 1996-03-25
Main Source:	ZOGER, A. & B. PAVLIK 1987 (LIT)		
-	MARINA (3612167/366A)		
County Summary			
-	36.70697° / -121.80518° Zone-10 N4063031 E606718		Township: 14S Range: 01E
	16.9 ac	Mapping PrecisionNON-SPECIF	-
Elevation		Symbol Type:POLYGON	Meridian: M
Location	APPROX 0.7 MI NW OF JCT HWY 1 AND	RESERVATION ROAD.	
Ecological	ON FLANDRIAN DUNE SCRUB.		
0	UNKNOWN HOW MANY PLANTS SEEN;		

Federal: Endangered Globa	Mapping PrecisionNON-SPECIFIC Symbol Type:POLYGON	Dates Last Seen Element: 1987-05-XX Site: 1987-05-XX Record Last Updated: 1996-03-25 Township: 14S Range: 01E Section: XX Qtr: XX Meridian: M NEEDED. Dates Last Seen Element: 1993-XX-XX Site: 1993-XX-XX Site: 1993-XX-XX Record Last Updated: 1997-09-06 Township: 14S
State: Threatened State: Habitat Associations	IME: S2.2 IME:, CISMONTANE WOODLAND. IMIT OR IN THE HIND DUNES; 2 RECORD EO Index: 432 Mapping PrecisionNON-SPECIFIC Symbol Type:POLYGON DAD. HOW MANY PLANTS SEEN. MAP DETAIL I EO Index: 431	R-E-D Code: 3-2-3 DS FROM PLEISTOCENE INLAND DUNES. 0-245M. Dates Last Seen
Habitat Associations General: COASTAL DUNES, COASTAL SCRUB, CHAPARRAL (MARITI Micro: BARE, WIND-SHELTERED AREAS OFTEN NEAR DUNE SUM Occurrence No. 26 Map Index: 27785 Occ Rank: Unknown Origin: Natural/Native occurrence Presence: Presumed Extant Trend: Unknown Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MARINA (3612167/366A) County Summary: MONTEREY Lat/Long: 36.71448°/-121.80186° UTM: Zone-10 N4063868 E607005 Area: 15.4 ac Elevation: 40 ft Location: 1.25 MI NW OF JCT HWY 1 AND RESERVATION RO Ecological: ON FLANDRIAN DUNE SCRUB. General: VAGUE MAP IS ONLY INFO SOURCE; UNKNOWN H Owner/Manager: UNKNOWN Occ Rank: Unknown Origin: Natural/Native occurrence Presence: Presumed Extant Trend: Unknown Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MARINA (3612167/366A) Cocc Rank: Unknown Origin: Natural/Native occurrence Presence: Presumed Extant Trend: Unknown Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MARINA (3612167/366A) County Summary: MONTEREY	IME), CISMONTANE WOODLAND. IMIT OR IN THE HIND DUNES; 2 RECORD EO Index: 432 Mapping PrecisionNON-SPECIFIC Symbol Type:POLYGON DAD. HOW MANY PLANTS SEEN. MAP DETAIL I EO Index: 431	DS FROM PLEISTOCENE INLAND DUNES. 0-245M. — Dates Last Seen — Element: 1987-05-XX Site: 1987-05-XX Record Last Updated: 1996-03-25 — Township: 14S Range: 01E Section: XX Qtr: XX Meridian: M NEEDED. — Dates Last Seen — Element: 1993-XX-XX Site: 1993-XX-XX Site: 1993-XX-XX Record Last Updated: 1997-09-06 — Township: 14S
General: COASTAL DUNES, COASTAL SCRUB, CHAPARRAL (MARITI Micro: BARE, WIND-SHELTERED AREAS OFTEN NEAR DUNE SUM Occurrence No. 26 Map Index: 27785 Occ Rank: Unknown Origin: Natural/Native occurrence Presence: Presumed Extant Trend: Unknown Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MARINA (3612167/366A) County Summary: MONTEREY Lat/Long: 36.71448°/-121.80186° UTM: Zone-10 N4063868 E607005 Area: 15.4 ac Elevation: 40 ft Location: 1.25 MI NW OF JCT HWY 1 AND RESERVATION RO Ecological: ON FLANDRIAN DUNE SCRUB. General: VAGUE MAP IS ONLY INFO SOURCE; UNKNOWN H Owner/Manager: UNKNOWN Occurrence No. 27 Map Index: 27784 Occ Rank: Unknown Origin: Natural/Native occurrence Presence: Presumed Extant Trend: Unknown Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MARINA (3612167/366A) County Summary: MONTEREY Lat/Long: 36.72311º/-121.80158° UTM: Zone-10 N4064826 E607018 Area: 14.8 ac Elevation: 20 ft	Mapping PrecisionNON-SPECIFIC Symbol Type:POLYGON DAD. HOW MANY PLANTS SEEN. MAP DETAIL I EO Index: 431	Dates Last Seen Element: 1987-05-XX Site: 1987-05-XX Record Last Updated: 1996-03-25 Township: 14S Range: 01E Section: XX Qtr: XX Meridian: M NEEDED. Dates Last Seen Element: 1993-XX-XX Site: 1993-XX-XX Site: 1993-XX-XX Record Last Updated: 1997-09-06 Township: 14S
Micro: BARE, WIND-SHELTERED AREAS OFTEN NEAR DUNE SUM Occurrence No. 26 Map Index: 27785 Occ Rank: Unknown Origin: Natural/Native occurrence Presence: Presumed Extant Trend: Unknown Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MARINA (3612167/366A) County Summary: MONTEREY Lat/Long: 36.71448°/-121.80186° UTM: Zone-10 N4063868 E607005 Area: 15.4 ac Elevation: 40 ft Location: 1.25 MI NW OF JCT HWY 1 AND RESERVATION RO Ecological: ON FLANDRIAN DUNE SCRUB. General: VAGUE MAP IS ONLY INFO SOURCE; UNKNOWN H Owner/Manager: UNKNOWN Occurrence No. 27 Map Index: 27784 Occ Rank: Unknown Origin: Natural/Native occurrence Presence: Presumed Extant Trend: Unknown Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MARINA (3612167/366A) County Summary: MONTEREY Lat/Long: 36.72311º/-121.80158° UTM: Zone-10 N4064826 E607018 Area: 14.8 ac Elevation: 20 ft	Mapping PrecisionNON-SPECIFIC Symbol Type:POLYGON DAD. HOW MANY PLANTS SEEN. MAP DETAIL I EO Index: 431	Dates Last Seen Element: 1987-05-XX Site: 1987-05-XX Record Last Updated: 1996-03-25 Township: 14S Range: 01E Section: XX Qtr: XX Meridian: M NEEDED. Dates Last Seen Element: 1993-XX-XX Site: 1993-XX-XX Site: 1993-XX-XX Record Last Updated: 1997-09-06 Township: 14S
Occcurrence No. 26 Map Index: 27785 Occ Rank: Unknown Origin: Natural/Native occurrence Presence: Presumed Extant Trend: Unknown Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MARINA (3612167/366A) County Summary: MONTEREY Lat/Long: 36.71448°/-121.80186° UTM: Zone-10 N4063868 E607005 Area: 15.4 ac Elevation: 40 ft Location: 1.25 MI NW OF JCT HWY 1 AND RESERVATION RO Ecological: ON FLANDRIAN DUNE SCRUB. General: VAGUE MAP IS ONLY INFO SOURCE; UNKNOWN H Owner/Manager: UNKNOWN Occ Rank: Unknown Origin: Natural/Native occurrence Presence: Presumed Extant Trend: Unknown Origin: Natural/Native occurrence Presence: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MARINA (3612167/366A) County Summary: MONTEREY Lat/Long: 36.72311°/-121.80158° UTM: Zone-10 N4064826 E607018 Area: 14.8 ac Elevation: 20 ft	EO Index: 432 Mapping PrecisionNON-SPECIFIC Symbol Type:POLYGON DAD. HOW MANY PLANTS SEEN. MAP DETAIL I EO Index: 431	Dates Last Seen Element: 1987-05-XX Site: 1987-05-XX Record Last Updated: 1996-03-25 Township: 14S Range: 01E Section: XX Qtr: XX Meridian: M NEEDED. Dates Last Seen Element: 1993-XX-XX Site: 1993-XX-XX Site: 1993-XX-XX Record Last Updated: 1997-09-06 Township: 14S
Occ Rani: Unknown Origin: Natural/Native occurrence Presence: Presumed Extant Trend: Unknown Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MARINA (3612167/366A) County Summary: MONTEREY Lat/Long: 36.71448° / -121.80186° UTM: Zone-10 N4063868 E607005 Area: 15.4 ac Elevation: 40 ft Location: 1.25 MI NW OF JCT HWY 1 AND RESERVATION RC Ecological: ON FLANDRIAN DUNE SCRUB. General: VAGUE MAP IS ONLY INFO SOURCE; UNKNOWN H Owner/Manager: UNKNOWN Occ Rank: Unknown Origin: Natural/Native occurrence Presence: Presumed Extant Trend: Unknown Origin: Natural/Native occurrence Presence: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MARINA (3612167/366A) County Summary: MONTEREY Lat/Long: 36.72311° / -121.80158° UTM: Zone-10 N4064826 E607018 Area: 14.8 ac Elevation: 20 ft	Mapping PrecisionNON-SPECIFIC Symbol Type:POLYGON DAD. HOW MANY PLANTS SEEN. MAP DETAIL I EO Index: 431	Element: 1987-05-XX Site: 1987-05-XX Record Last Updated: 1996-03-25 Township: 14S Range: 01E Section: XX Qtr: XX Meridian: M NEEDED.
Occ Rank: Unknown Origin: Natural/Native occurrence Presence: Presumed Extant Trend: Unknown Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MAINA (3612167/366A) County Summary: MONTEREY Lat/Long: 36.71448° / -121.80186° UTM: Zone-10 N4063868 E607005 Area: 15.4 ac Elevation: 40 ft Location: 1.25 MI NW OF JCT HWY 1 AND RESERVATION RO Ecological: ON FLANDRIAN DUNE SCRUB. General: VAGUE MAP IS ONLY INFO SOURCE; UNKNOWN HOwner/Manager: Owner/Manager: UNKNOWN Occ Rank: Unknown Origin: Natural/Native occurrence Presence: Presumed Extant Trend: Unknown Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MONTEREY Lat/Long: 36.72311° / -121.80158° UTM: Zone-10 N4064826 E607018 Area: 14.8 ac Elevation: 20 ft	Symbol Type:POLYGON DAD. HOW MANY PLANTS SEEN. MAP DETAIL I EO Index: 431	Site: 1987-05-XX Record Last Updated: 1996-03-25 Township: 14S Range: 01E Section: XX Qtr: XX Meridian: M NEEDED. Dates Last Seen Element: 1993-XX-XX Site: 1993-XX-XX Record Last Updated: 1997-09-06 Township: 14S
Origin: Natural/Native occurrence Presence: Presumed Extant Trend: Unknown Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MARINA (3612167/366A) County Summary: MONTEREY Lat/Long: 36.71448° / -121.80186° UTM: Zone-10 N4063868 E607005 Area: 15.4 ac Elevation: 40 ft Location: 1.25 MI NW OF JCT HWY 1 AND RESERVATION RC Ecological: ON FLANDRIAN DUNE SCRUB. General: VAGUE MAP IS ONLY INFO SOURCE; UNKNOWN H Owner/Manager: UNKNOWN Occ Rank: Unknown Origin: Natural/Native occurrence Presence: Presumed Extant Trend: Unknown Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MARINA (3612167/366A) County Summary: MONTEREY Lat/Long: 36.72311° / -121.80158° UTM: Zone-10 N4064826 E607018 Area: 14.8 ac Elevation: 20 ft	Symbol Type:POLYGON DAD. HOW MANY PLANTS SEEN. MAP DETAIL I EO Index: 431	Record Last Updated: 1996-03-25 Township: 14S Range: 01E Section: XX Qtr: XX Meridian: M NEEDED.
Trend: Unknown Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MARINA (3612167/366A) County Summary: MONTEREY Lat/Long: 36.71448°/-121.80186° UTM: Zone-10 N4063868 E607005 Area: 15.4 ac Elevation: 40 ft Location: 1.25 MI NW OF JCT HWY 1 AND RESERVATION RO Ecological: ON FLANDRIAN DUNE SCRUB. General: VAGUE MAP IS ONLY INFO SOURCE; UNKNOWN F Owner/Manager: UNKNOWN Occcurrence No. 27 Map Index: 27784 Occ Rank: Unknown Origin: Natural/Native occurrence Presence: Presumed Extant Trend: Unknown Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MONTEREY Lat/Long: 36.72311º / -121.80158° UTM: Zone-10 N4064826 E607018 Area: 14.8 ac Elevation: 20 ft	Symbol Type:POLYGON DAD. HOW MANY PLANTS SEEN. MAP DETAIL I EO Index: 431	Township: 14S Range: 01E Section: XX Qtr: XX Meridian: M NEEDED. — Dates Last Seen — Element: 1993-XX-XX Site: 1993-XX-XX Record Last Updated: 1997-09-06
Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MARINA (3612167/366A) County Summary: MONTEREY Lat/Long: 36.71448°/-121.80186° UTM: Zone-10 N4063868 E607005 Area: 15.4 ac Elevation: 40 ft Location: 1.25 MI NW OF JCT HWY 1 AND RESERVATION RO Ecological: ON FLANDRIAN DUNE SCRUB. General: VAGUE MAP IS ONLY INFO SOURCE; UNKNOWN HOwner/Manager: UNKNOWN Occ Rank: Unknown Origin: Natural/Native occurrence Presence: Presumed Extant Trend: Unknown Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MARINA (3612167/366A) County Summary: MONTEREY Lat/Long: 36.72311°/-121.80158° UTM: Zone-10 N4064826 E607018 Area: 14.8 ac Elevation: 20 ft	Symbol Type:POLYGON DAD. HOW MANY PLANTS SEEN. MAP DETAIL I EO Index: 431	Township: 14S Range: 01E Section: XX Qtr: XX Meridian: M NEEDED. — Dates Last Seen — Element: 1993-XX-XX Site: 1993-XX-XX Record Last Updated: 1997-09-06
Quad Summary: MARINA (3612167/366A) County Summary: MONTEREY Lat/Long: 36.71448°/-121.80186° UTM: Zone-10 N4063868 E607005 Area: 15.4 ac Elevation: 40 ft Location: 1.25 MI NW OF JCT HWY 1 AND RESERVATION RO Ecological: ON FLANDRIAN DUNE SCRUB. General: VAGUE MAP IS ONLY INFO SOURCE; UNKNOWN HOwner/Manager: UNKNOWN Occcurrence No. 27 Map Index: 27784 Occ Rank: Unknown Origin: Natural/Native occurrence Presence: Presumed Extant Trend: Unknown Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MARINA (3612167/366A) County Summary: MONTEREY Lat/Long: 36.72311°/-121.80158° UTM: Zone-10 N4064826 E607018 Area: 14.8 ac Elevation: 20 ft	Symbol Type:POLYGON DAD. HOW MANY PLANTS SEEN. MAP DETAIL I EO Index: 431	Range: 01E Section: XX Qtr: XX Meridian: M NEEDED. — Dates Last Seen — Element: 1993-XX-XX Site: 1993-XX-XX Record Last Updated: 1997-09-06
County Summary: MONTEREY Lat/Long: 36.71448°/-121.80186° UTM: Zone-10 N4063868 E607005 Area: 15.4 ac Elevation: 40 ft Location: 1.25 MI NW OF JCT HWY 1 AND RESERVATION RO Ecological: ON FLANDRIAN DUNE SCRUB. General: VAGUE MAP IS ONLY INFO SOURCE; UNKNOWN F Owner/Manager: UNKNOWN Occurrence No. 27 Map Index: 27784 Occ Rank: Unknown Origin: Natural/Native occurrence Presence: Presumed Extant Trend: Unknown Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MONTEREY Lat/Long: 36.72311°/-121.80158° UTM: Zone-10 N4064826 E607018 Area: 14.8 ac Elevation: 20 ft	Symbol Type:POLYGON DAD. HOW MANY PLANTS SEEN. MAP DETAIL I EO Index: 431	Range: 01E Section: XX Qtr: XX Meridian: M NEEDED. — Dates Last Seen — Element: 1993-XX-XX Site: 1993-XX-XX Record Last Updated: 1997-09-06 — Township: 14S
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UTM: Zone-10 N4063868 E607005 Area: 15.4 ac Elevation: 40 ft Location: 1.25 MI NW OF JCT HWY 1 AND RESERVATION RO Ecological: ON FLANDRIAN DUNE SCRUB. General: VAGUE MAP IS ONLY INFO SOURCE; UNKNOWN F Owner/Manager: UNKNOWN Occurrence No. 27 Map Index: 27784 Occ Rank: Unknown Origin: Natural/Native occurrence Presence: Presumed Extant Trend: Unknown Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MARINA (3612167/366A) County Summary: MONTEREY Lat/Long: 36.72311°/-121.80158° UTM: Zone-10 N4064826 E607018 Area: 14.8 ac Elevation: 20 ft	Symbol Type:POLYGON DAD. HOW MANY PLANTS SEEN. MAP DETAIL I EO Index: 431	Range: 01E Section: XX Qtr: XX Meridian: M NEEDED. — Dates Last Seen — Element: 1993-XX-XX Site: 1993-XX-XX Record Last Updated: 1997-09-06 — Township: 14S
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Elevation: 40 ft Location: 1.25 MI NW OF JCT HWY 1 AND RESERVATION RO Ecological: ON FLANDRIAN DUNE SCRUB. General: VAGUE MAP IS ONLY INFO SOURCE; UNKNOWN H Owner/Manager: UNKNOWN Occ Rank: Unknown Origin: Natural/Native occurrence Presence: Presumed Extant Trend: Unknown Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MARINA (3612167/366A) County Summary: MONTEREY Lat/Long: 36.72311°/-121.80158° UTM: Zone-10 N4064826 E607018 Area: 14.8 ac Elevation: 20 ft	Symbol Type:POLYGON DAD. HOW MANY PLANTS SEEN. MAP DETAIL I EO Index: 431	Meridian: M NEEDED. — Dates Last Seen — Element: 1993-XX-XX Site: 1993-XX-XX Record Last Updated: 1997-09-06 — Township: 14S
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General: VAGUE MAP IS ONLY INFO SOURCE; UNKNOWN F Owner/Manager: UNKNOWN Occurrence No. 27 Map Index: 27784 Occ Rank: Unknown Origii: Natural/Native occurrence Presence: Presumed Extant Trend: Unknown Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MARINA (3612167/366A) County Summary: MONTEREY Lat/Long: 36.72311° / -121.80158° UTM: Zone-10 N4064826 E607018 Area: 14.8 ac Elevation: 20 ft	EO Index: 431	Dates Last Seen Element: 1993-XX-XX Site: 1993-XX-XX Record Last Updated: 1997-09-06 Township: 14S
Owner/Manager: UNKNOWN Occurrence No. 27 Map Index: 27784 Occ Rank: Unknown Origin: Natural/Native occurrence Presence: Presumed Extant Trend: Unknown Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MARINA (3612167/366A) County Summary: MONTEREY Lat/Long: 36.72311°/-121.80158° UTM: Zone-10 N4064826 E607018 Area: 14.8 ac Elevation: 20 ft	EO Index: 431	Dates Last Seen Element: 1993-XX-XX Site: 1993-XX-XX Record Last Updated: 1997-09-06 Township: 14S
Owner/Manager: UNKNOWN Occurrence No. 27 Map Index: 27784 Occ Rank: Unknown Origin: Natural/Native occurrence Presence: Presumed Extant Trend: Unknown Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MARINA (3612167/366A) County Summary: MONTEREY Lat/Long: 36.72311°/-121.80158° UTM: Zone-10 N4064826 E607018 Area: 14.8 ac Elevation: 20 ft	EO Index: 431	Dates Last Seen Element: 1993-XX-XX Site: 1993-XX-XX Record Last Updated: 1997-09-06 Township: 14S
Occurrence No. 27 Map Index: 27784 Occ Rank: Unknown Origin: Natural/Native occurrence Presence: Presumed Extant Trend: Unknown Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MARINA (3612167/366A) County Summary: MONTEREY Lat/Long: 36.72311º / -121.80158° UTM: Zone-10 N4064826 E607018 Area: 14.8 ac Elevation: 20 ft		Element: 1993-XX-XX Site: 1993-XX-XX Record Last Updated: 1997-09-06
Occ Rank: Unknown Origin: Natural/Native occurrence Presence: Presumed Extant Trend: Unknown Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MRINA (3612167/366A) County Summary: MONTEREY Lat/Long: 36.72311° / -121.80158° UTM: Zone-10 N4064826 E607018 Area: 14.8 ac Elevation: 20 ft		Element: 1993-XX-XX Site: 1993-XX-XX Record Last Updated: 1997-09-06
Origin: Natural/Native occurrence Presence: Presumed Extant Trend: Unknown Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MARINA (3612167/366A) County Summary: MONTEREY Lat/Long: 36.72311°/-121.80158° UTM: Zone-10 N4064826 E607018 Area: 14.8 ac Elevation: 20 ft	Mapping PrecisionNON-SPECIFIC	Site: 1993-XX-XX Record Last Updated: 1997-09-06 Township: 14S
Presence: Presumed Extant Trend: Unknown Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MARINA (3612167/366A) County Summary: MONTEREY Lat/Long: 36.72311° / -121.80158° UTM: Zone-10 N4064826 E607018 Area: 14.8 ac Elevation: 20 ft	Mapping PrecisionNON-SPECIFIC	Record Last Updated: 1997-09-06
Trend: Unknown Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MARINA (3612167/366A) County Summary: MONTEREY Lat/Long: 36.72311°/-121.80158° UTM: Zone-10 N4064826 E607018 Area: 14.8 ac Elevation: 20 ft	Mapping PrecisionNON-SPECIFIC	Township: 14S
Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT) Quad Summary: MARINA (3612167/366A) County Summary: MONTEREY Lat/Long: 36.72311°/-121.80158° UTM: Zone-10 N4064826 E607018 Area: 14.8 ac Elevation: 20 ft	Mapping PrecisionNON-SPECIFIC	Township: 14S
Quad Summary: MARINA (3612167/366A) County Summary: MONTEREY Lat/Long: 36.72311°/-121.80158° UTM: Zone-10 N4064826 E607018 Area: 14.8 ac Elevation: 20 ft	Mapping PrecisionNON-SPECIFIC	•
Lat/Long: 36.72311° / -121.80158° UTM: Zone-10 N4064826 E607018 Area: 14.8 ac Elevation: 20 ft	Mapping PrecisionNON-SPECIFIC	•
Lat/Long: 36.72311° / -121.80158° UTM: Zone-10 N4064826 E607018 Area: 14.8 ac Elevation: 20 ft	Mapping PrecisionNON-SPECIFIC	•
UTM: Zone-10 N4064826 E607018 Area: 14.8 ac Elevation: 20 ft	Mapping PrecisionNON-SPECIFIC	•
Area: 14.8 ac Elevation: 20 ft	Mapping PrecisionNON-SPECIFIC	
Elevation: 20 ft	Mapping Frecision NON-SPECIFIC	Range: 01E Section: XX Qtr: XX
	Symbol Type:POLYGON	Meridian: M
Location Detail: 3 POPULATIONS: "LONE STAR PROPERTIES", "GR	RANITE ROCK PROPERTY", AND "MARTIN	N PROPERTY".
Ecological: ON FLANDRIAN DUNE SCRUB.		
General: 2295 PLANTS SEEN HERE IN 3 POPULATIONS IN 1		THIS SITE IN 1993 AND ONLY FOUND ONE OF THE
POPULATIONS REPORTED BY ZOGER & PAVLIK (I	UNKNOWN HOW MANY PLANTS SEEN).	
Owner/Manager: PVT		
Occurrence No. 28 Map Index: 27783	EO Index: 433	Dates Last Seen
Occurrence No. 28 Map Index: 27783 Occ Rank: Unknown	EU IIIUEX. 433	Element: 1993-XX-XX
Origin: Natural/Native occurrence		Site: 1993-XX-XX
Presence: Presumed Extant		
Trend: Unknown		Record Last Updated: 1997-09-06
Main Source: ZOGER, A. & B. PAVLIK 1987 (LIT)		
Quad Summary: MARINA (3612167/366A)		
County Summary: MONTEREY		
Lat/Long: 36.72803º / -121.80352º		Township: 14S
UTM: Zone-10 N4065369 E606838		Range: 01E
Radius: 80 meters	Mapping PrecisionSPECIFIC	Section: XX Qtr: XX
Elevation: 20 ft	Symbol Type:POINT	Meridian: M
Location: 2.2 MI NW OF JCT HWY 1 AND RESERVATION ROA	AD.	
Ecological: ON FLANDRIAN DUNE SCRUB.		
Threat: THREATENED BY OHVS AND BROMUS DIANDRUS	S IN 1993.	
General: UNKNOWN HOW MANY PLANTS SEEN; MORE INFO		VERY WORKSHOP NOTES. PLANTS WERF SEEN
1993, BUT UNKNOWN BY WHOM. LIKELY PART OF		

id gilia		Element Code: F		
Federal: Endange State: Threater	ered	NDDB Element Ranks Global: G3G4T2 State: S2.2	Other Lists CNPS List: 1B R-E-D Code: 3-2-3	
Habitat As	sociations —			
General: COAST	AL DUNES, COASTAL SCRUB, CHAPARR	AL (MARITIME), CISMONTANE WOODLAND.		
Micro: BARE, V	VIND-SHELTERED AREAS OFTEN NEAR	DUNE SUMMIT OR IN THE HIND DUNES; 2 RECORDS FRO	M PLEISTOCENE INLAND	DUNES. 0-245
Occurrence No.	29 Map Index: 10437	EO Index: 1025	Dates Las	
Occ Rank:				1993-05-XX
-	Natural/Native occurrence Presumed Extant		Site:	1993-05-XX
	Unknown		Record Last Updated:	1995-11-29
	DORRELL-CANEPA, J. 1994 (LIT)			
Quad Summary:	MARINA (3612167/366A), MOSS LANDIN	G (3612177/387D)		
County Summary				
	36.74939º / -121.79940º		Township: 14S	
	Zone-10 N4067743 E607176		Range: 01E	
	1/5 mile	Mapping PrecisionNON-SPECIFIC	Section: XX	Qtr: XX
Elevation:	30 ft	Symbol Type:POINT	Meridian: M	
Location	MULLIGAN HILL; JUST NORTH OF THE	OLD SALINAS RIVER MOUTH.		
General:	3000-5000 PLANTS ESTIMATED IN 1993.			
Owner/Manager:				
ee./inanager				
Occurrence No.	30 Map Index: 10491	EO Index: 1028	Dates Las	t Seen
Occ Rank:	•		Element:	1994-XX-XX
Origin:	Natural/Native occurrence		Site:	1994-XX-XX
	Presumed Extant		Record Last Updated:	1007-00-06
	Unknown DORRELL-CANEPA, J. 1994 (LIT)		Record Last opuated.	1997-09-00
County Summary	MOSS LANDING (3612177/387D)			
Lat/Long: UTM:			Township: Range:	
Radius:		Mapping Precision:	Section:	Qtr:
Elevation:		Symbol Type:	Meridian:	
Location	MOSS LANDING; WATERTOWER HILL.			
		IEW IN 1996). 7 ACRES OF GILIA HABITAT TO BE RESTOR		
	400-600 PLANTS ESTIMATED IN 1993, 20			
Owner/Manager:		00-300 int 1994.		
Owner/Manager				
Occurrence No.	31 Map Index: 34739	EO Index: 424	Dates Las	
Occ Rank:				1993-XX-XX
•	Natural/Native occurrence		Site:	1993-XX-XX
	Presumed Extant Unknown		Record Last Updated:	1996-03-07
	JONES & STOKES ASSOC. 1994 (LIT)		•	
Quad Summary	MARINA (3612167/366A)			
County Summary				
			Township: 450	
-	36.65858° / -121.78617° Zone-10 N4057684 E608485		Township: 15S Range: 02E	
	34.1 ac	Mapping PrecisionSPECIFIC	Section: XX	Qtr: XX
Elevation:		Symbol Type:POLYGON	Meridian: M	
Location	FORT ORD MILITARY RESERVATION; N	OF INTER-GARRISON ROAD, BOTH SIDES OF IMJIN ROAD	D.	
Location Detail	MAPPED AS 6 POLYGONS.			
Threat:	SITE IS WITHIN FORT ORD DISPOSAL L	AND; WILL BE PARCELED OUT FOR VARIOUS LAND USES	i.	
General	698 PLANTS IN 1993.			

nd gilia		Element Code: PI			
Status			Other Lists		
Federal: Endanger		Global: G3G4T2	CNPS Li		
State: Threatene	ed and a second s	State: S2.2	R-E-D Coo	le: 3-2-3	
——— Habitat Ass	ociations —				
General: COASTA	_ DUNES, COASTAL SCRUB, CHAPA	RRAL (MARITIME), CISMONTANE WOODLAND.			
Micro: BARE, W	IND-SHELTERED AREAS OFTEN NEA	AR DUNE SUMMIT OR IN THE HIND DUNES; 2 RECORDS FROM	1 PLEISTOCEN	NE INLAND	DUNES. 0-245
Occurrence No.	32 Map Index: 27922	EO Index: 28984	_	Dates Las	st Seen
Occ Rank:	Good		E	Element:	1993-04-XX
Origin:	Natural/Native occurrence			Site:	1993-04-XX
Presence:	Presumed Extant				
	Unknown		Record Last	Updated:	1997-09-06
	DORRELL-CANEPA, J. 1996 (MAP)				
-	MONTEREY (3612158/366C)				
County Summary:	MONTEREY				
-	36.62089º / -121.93719º		Township:		
	Zone-10 N4053343 E595033		Range:		-
Area: Elevation:		Mapping PrecisionSPECIFIC Symbol Type:POLYGON	Section: Meridian:		Qtr: XX
	,	CA AND BUILDINGS JUST SOUTH OF THERE.			
		/ERY WORKSHOP, IT WAS REPORTED THAT 4 OR 5 NEW SUB VAL. UPDATED MAPS NEEDED AT CNDDB.	POPULATION	S HAVE B	EEN FOUND H
Occurrence No.	33 Map Index: 28395	EO Index: 20125		Dates Las	st Soon
Occurrence No.	•	EO IIIdex. 20125			1995-06-10
	Natural/Native occurrence		-		1995-06-10
•	Presumed Extant				
	Unknown		Record Last	Updated:	1997-01-06
Main Sourco:	MORGAN, R. 1995 (OBS)				
	WATSONVILLE WEST (3612187/387A))			
	, , ,)			
Quad Summary: County Summary: Lat/Long:	SANTA CRUZ 36.87601º / -121.82136º)	Township:		
Quad Summary: County Summary: Lat/Long: UTM:	SANTA CRUZ 36.87601º / -121.82136º Zone-10 N4081766 E605043		Range:	01E	
Quad Summary: County Summary: Lat/Long: UTM: Area:	SANTA CRUZ 36.87601º / -121.82136º Zone-10 N4081766 E605043 4.1 ac	Mapping PrecisionSPECIFIC	Range: Section:	01E XX	Qtr: XX
Quad Summary: County Summary: Lat/Long: UTM:	SANTA CRUZ 36.87601º / -121.82136º Zone-10 N4081766 E605043 4.1 ac		Range:	01E XX	Qtr: XX
Quad Summary: County Summary: Lat/Long: UTM: Area: Elevation:	SANTA CRUZ 36.87601º / -121.82136º Zone-10 N4081766 E605043 4.1 ac 120 ft	Mapping PrecisionSPECIFIC	Range: Section:	01E XX	Qtr: XX
Quad Summary: County Summary: Lat/Long: UTM: Area: Elevation: Location:	SANTA CRUZ 36.87601º / -121.82136º Zone-10 N4081766 E605043 4.1 ac 120 ft	Mapping PrecisionSPECIFIC Symbol Type:POLYGON IT 1.7 MILE SOUTH OF SUNSET BEACH ROAD.	Range: Section:	01E XX	Qtr: XX
Quad Summary: County Summary: Lat/Long: UTM: Area: Elevation: Location: Location Detail:	SANTA CRUZ 36.87601° / -121.82136° Zone-10 N4081766 E605043 4.1 ac 120 ft SUNSET BEACH STATE PARK, ABOU PLANTS FOUND IN THE VICINITY OF	Mapping PrecisionSPECIFIC Symbol Type:POLYGON IT 1.7 MILE SOUTH OF SUNSET BEACH ROAD.	Range: Section: Meridian:	01E XX	Qtr: XX
Quad Summary: County Summary: Lat/Long: UTM: Area: Elevation: Location Detail: Ecological:	SANTA CRUZ 36.87601° / -121.82136° Zone-10 N4081766 E605043 4.1 ac 120 ft SUNSET BEACH STATE PARK, ABOU PLANTS FOUND IN THE VICINITY OF	Mapping PrecisionSPECIFIC Symbol Type:POLYGON IT 1.7 MILE SOUTH OF SUNSET BEACH ROAD. THE UTILITY BUILDING. DRIZANTHE ROBUSTA ROBUSTA ALSO FOUND IN THIS AREA.	Range: Section: Meridian:	01E XX	Qtr: XX