

Table 2-1
HMP Species Occurrence within MRA Habitat Parcels of Munition Response Areas

ESCA RP 2014 Annual Natural Resources Report

Scientific Name	Common Name	Current Regulatory Status	Habitat	Recorded as Present or Habitat Present in MRAs ¹	Observed by ESCA RP
Animals					
Amphibians					
<i>Ambystoma californiense</i>	California tiger salamander	Federally Endangered/California Threatened	Open woodlands and grasslands, ponds and vernal pools from Sonoma to Santa Barbara Counties, inland to portions of the Sierra Nevada.	CN, FEG, IAR, LS	2010-2011 FEG
<i>Rana draytonii</i>	California red-legged frog	Federally Threatened/California Species of Concern	Coldwater ponds or river pools with emergent and submergent vegetation, often with riparian vegetation at margins from Humboldt to San Diego Counties and in portions of the Sierra Nevada.	CN, IAR, LS	None
Birds					
<i>Charadrius nivosus nivosus</i>	western snowy plover	Federally Threatened/California Species of Concern	Flat sandy beach above the high tide level from Washington to Baja California.	None	None
Invertebrates					
<i>Euphilotes enoptes smithi</i>	Smith's blue butterfly	Federally Endangered	Coastal sand dunes and ravines associated with coast and seacliff buckwheat in Monterey, Santa Cruz, and San Mateo Counties.	None	None
<i>Linderiella occidentalis</i>	California linderiella	Not listed	Vernal pools and ponds from Lake to Riverside Counties and in the Great Central Valley.	CN, IAR, LS	2010-2011 FEG

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Mammals					
<i>Sorex ornatus salarius</i>	Monterey ornate shrew	California Species of Concern	Riparian, woodland, and upland communities where there is thick duff or downed logs. Endemic to Monterey region.	CN, CSUMB, FEG, IAR, MOUT, PF	None
Reptiles					
<i>Anniella pulchra nigra</i>	California black legless lizard	California Species of Concern	Various coastal plant communities where loose sandy soil and abundant invertebrate populations are available. Presently found in Monterey County and possibly extirpated from Santa Cruz and San Luis Obispo Counties	CN, CSUMB, DRO/M, IAR, PF, SEA	2009-2010 PF, 2012 IAR
Plants					
Annuals					
<i>Chorizanthe pungens</i> var. <i>pungens</i>	Monterey spineflower	Federally Threatened/CNPS 1B.2	Sandy soils in coastal strand, coastal scrub, maritime chaparral, and disturbed sites in grassland, below 450 meters elevation. Endemic to Monterey and Santa Cruz Counties.	CN, CSUMB, DRO/M, FEG, IAR, MOUT, PF, SEA	2009 CN, 2010-2014 FEG, 2008-2014 IAR, 2008-2014 PF, 2012-2014 SEA
<i>Chorizanthe robusta</i> var. <i>robusta</i>	robust spineflower	Federally Endangered/CNPS 1B.1	Coastal strand, coastal scrub areas below 300 meters elevation from Marin to Monterey Counties.	None	None
<i>Cordylanthus rigidus</i> ssp. <i>littoralis</i>	seaside bird's beak	California Endangered/CNPS 1B.1	Coastal dunes, coastal scrub, and maritime chaparral, below 425 meters; root parasite, dependent on nearby host plant. Endemic to Monterey and Santa Barbara Counties.	DRO/M, FEG, IAR, PF, SEA	2013-2014 FEG, 2008-2014 IAR

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Annuals					
<i>Gilia tenuiflora</i> ssp. <i>arenaria</i>	Monterey (sand) gilia	Federally Endangered/ California Threatened/CNPS 1B.2	Open sandy soils in coastal dunes and maritime chaparral. Endemic to Monterey and Santa Cruz Counties.	CN, FEG, IAR, MOUT, PF, SEA	2008-2014 IAR, 2010-2014 FEG, 2010 SEA
Herbaceous Perennials					
<i>Erysimum ammophilum</i>	coast wallflower	CNPS 1B.2	Coastal dunes below 60 meters in San Mateo, Santa Cruz, Monterey, Santa Barbara, and San Diego Counties and on Santa Rosa Island.	IAR, SEA	2013-2014 IAR, 2013-2014 SEA
<i>Piperia yadoni</i>	Yadon's piperia	Federally Endangered/CNPS 1B.1	Sandy soil or sandstone coastal shrubland, Monterey pine forest and maritime chaparral below 510 meters. Restricted to Monterey region.	None	None
Shrubs					
<i>Arctostaphylos hookeri</i> ssp. <i>hookeri</i>	Hooker's manzanita	CNPS 1B.2	Sandy soils, sandy shales, sandstone outcrops, chaparral, below 536 meters elevation. Endemic to Monterey and Santa Cruz Counties.	FEG, IAR, LS, MOUT, PF	2012-2014 FEG, 2012-2014 PF
<i>Arctostaphylos montereyensis</i>	Toro manzanita	CNPS 1B.2	Chaparral in sandy soils below 730 meters elevation, especially on Aromas formation sandstone. Endemic to Monterey County.	FEG, IAR, LS, MOUT, PF, SEA	2010-2014 FEG, 2008-2014 PF
<i>Arctostaphylos pumila</i>	sandmat manzanita	CNPS 1B.2	Sandy soils, hills, chaparral, woodland, coniferous forest below 205 meters elevation. Endemic to Monterey County.	CN, DRO/M, FEG, IAR, LS, PF, SEA	2008-2014 IAR, 2008-2014 SEA

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Shrubs					
<i>Ceanothus rigidus</i>	Monterey ceanothus	CNPS 4.2	Sandy hills, flats, chaparral, close-coned-pine forest below 550 meters elevation. Restricted to Monterey County; historic collections in Santa Cruz County.	DRO/M, FEG, IAR, LS, MOUT, PF, SEA	2010-2014 FEG, 2008-2014 IAR
<i>Ericameria fasciculata</i>	Eastwood's ericameria	CNPS 1B.1	Sandy soils, chaparral, closed-cone pine forest, northern coastal scrub, elevation 29-275 meters. Endemic to Monterey County.	DRO/M, FEG, IAR, MOUT, PF, SEA	2010-2014 FEG, 2008-2014 IAR

1 Occurrence records from 1992 Fort Ord Baseline Flora and Fauna

MRA Abbreviations (* habitat parcel present)

CN = County North*

CSUMB = California State University Monterey Bay

DRO/M = Del Rey Oaks/ Monterey*

FEG = Future East Garrison*

IAR = Interim Action Ranges*

LS = Laguna Seca Parking

MOUT = Military Operations Urban Training Site

PF = Parker Flats*

SEA = Seaside