

APPENDIX K-1

Sensitive Plant Species Known to Occur within the Vicinity of the HEU

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Species	State/ Federal Status	CNPS Rare Plant Ranking	MHCP	Habitat/Blooming Period
ANGIOSPERMS: DICOTS				
ASTERACEAE SUNFLOWER FAMILY				
<i>Baccharis vanessae</i> Encinitas baccharis [=Encinitas coyote brush]	CE/FT	1B.1	NE, MHCP	Perennial deciduous shrub; chaparral; maritime; sandstone; blooms August–November; elevation less than 2,500 feet. San Diego County endemic. Known from fewer than 20 occurrences. Extirpated from Encinitas area.
<i>Chaenactis glabriuscula</i> var. <i>orcuttiana</i> Orcutt's pincushion	-/-	1B.1	–	Annual herb; coastal bluff scrub, sandy, coastal dunes; blooms January–August; elevation less than 350 feet.
<i>Isocoma menziesii</i> var. <i>decumbens</i> decumbent goldenbush	-/-	1B.2	–	Perennial shrub; chaparral, coastal sage scrub; sandy soils, often in disturbed areas; blooms April–November; elevation less than 500 feet.
<i>Leptosyne</i> [= <i>Coreopsis</i>] <i>maritima</i> sea-dahlia	-/-	2B.2	–	Perennial herb; coastal bluff scrub, coastal sage scrub; blooms March–May; elevation less than 500 feet.
FABACEAE LEGUME FAMILY				
<i>Acmispon prostratus</i> [= <i>Lotus</i> <i>nuttallianus</i>] Nuttall's lotus	-/-	1B.1	NE, MHCP	Annual herb; coastal dunes, coastal sage scrub; sandy substrate; blooms March–June; elevation less than 50 feet.
LAMIACEAE MINT FAMILY				
<i>Acanthomintha ilicifolia</i> San Diego thornmint	CE/FT	1B.1	NE, MHCP	Annual herb; chaparral, coastal sage scrub, and grasslands; friable or broken clay soils; blooms April–June; elevation less than 3,200 feet.
OROBANCHACEAE BROOM-RAPE FAMILY				
<i>Orobanche parishii</i> ssp. <i>brachyloba</i> short-lobed broom-rape	-/-	4.2	–	Perennial parasitic herb; coastal bluff scrub, coastal dunes; sandy soils; blooms April–October; elevation less than 1,000 feet.

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POLYGONACEAE BUCKWHEAT FAMILY				
<i>Chorizanthe orcuttiana</i> Orcutt's spineflower	CE/FE	1B.1	NE, MHCP	Annual herb; maritime chaparral, closed-cone coniferous forest, coastal sage scrub; sandy openings; blooms March–May; elevation less than 400 feet. San Diego County endemic. Known from fewer than 20 occurrences.
<i>Nemacaulis denudata</i> var. <i>denudata</i> coast woolly-heads	–/–	1B.2	–	Annual herb; coastal dunes; blooms April–September; elevation less than 330 feet.
RHAMNACEAE BUCKTHORN FAMILY				
<i>Adolphia californica</i> California adolphia	–/–	2B.1	–	Perennial deciduous shrub; Diegan coastal sage scrub and chaparral; clay soils; blooms December–May; elevation 100–2,500 feet.
<i>Ceanothus verrucosus</i> wart-stemmed ceanothus	–/–	2B.2	MHCP	Perennial evergreen shrub; chaparral; blooms December–April; elevation less than 1,300 feet.
FEDERAL LISTED PLANTS		STATE LISTED PLANTS		
FE = Federally listed endangered		CE = State listed endangered		
FT = Federally listed threatened		CT = State listed threatened		
CALIFORNIA NATIVE PLANT SOCIETY RARE PLANT RANKING				
1A = Species presumed extinct.				
1B = Species rare, threatened, or endangered in California and elsewhere. These species are eligible for state listing.				
2A = Plants presumed extirpated in California, but more common elsewhere.				
2B = Species rare, threatened, or endangered in California but more common elsewhere. These species are eligible for state listing.				
3 = Species for which more information is needed. Distribution, endangerment, and/or taxonomic information is needed.				
4 = A watch list of species of limited distribution. These species need to be monitored for changes in the status of their populations.				
.1 = Species seriously threatened in California (over 80% of occurrences threatened; high degree and immediacy of threat)				
.2 = Species fairly threatened in California (20-80% occurrences threatened; moderate degree and immediacy of threat)				
.3 = Species not very threatened in California (<20% of occurrences threatened; low degree and immediacy of threat or no current threats known)				
MULTIPLE HABITAT CONSERVATION PROGRAM				
NE = Narrow endemic				
MHCP = Multiple Habitat Conservation Program covered species				

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REFERENCES				
California Native Plant Society (CNPS)				
2014				Inventory of Rare and Endangered Plants (online edition, v8-2). California Native Plant Society, Sacramento, CA. Accessed from http://www.rareplants.cnps.org .
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2001				Rare Plants of San Diego County. Aquafir Press. July.
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2014				The Jepson Online Interchange. Accessed from http://ucjeps.berkeley.edu/interchange.html .