

Appendix B. USFWS, NMFS, CNDDDB, CNPS and CRPR Species Lists



NMFS Species List, Accessed February 2020

X = Present on the Quadrangle		ESA ANADROMOUS FISH (E) = Endangered, (T) = Threatened										ESA ANADROMOUS FISH CRITICAL HABITAT													
		COHO		CHINOOK			STEELHEAD					Eulachon (T)	Southern DPS Green Sturgeon (T)	COHO		CHINOOK			STEELHEAD					Eulachon	Southern DPS Green Sturgeon
		SONCC (T)	CCC (E)	CC (T)	CVSR (T)	SRWR (E)	NC (T)	CCC (T)	SCCC (T)	SC (E)	CCV (T)			SONCC	CCC	CC	CVSR	SRWR	NC	CCC	SCCC	SC	CCV		
Quad Name	Quad Number																								
Ah Pah Ridge	41123-D8	X		X			X					X		X								X			
Cant Hook Mount	41123-F8	X												X											
Childs Hill	41124-F1	X										X		X									X		
Crescent City	41124-G2	X										X		X									X		
Fern Canyon	41124-D1	X		X			X				X		X		X						X		X		
Gasquet	41123-G8	X												X											
Hiouchi	41124-G1	X												X											
Klamath Glen	41123-E8	X									X			X							X				
Requa	41124-E1	X		X			X				X		X		X						X		X		
Sister Rocks	41124-F2	X									X		X		X								X		

X = Present on the Quadrangle		ESA MARINE INVERTEBRATES		ESA MARINE INVERT. CRITICAL HABITAT	ESA SEA TURTLES				ESA WHALES	ESA PINNIPEDS	ESA PINNIPEDS CRITICAL HABITAT	ESSENTIAL FISH HABITAT				MMPA SPECIES							
		Black Abalone (E)	White Abalone (E)	Black Abalone	East Pacific Green Sea Turtle (T)	Olive Ridley Sea Turtle (T/E)	Leatherback Sea Turtle (E)	North Pacific Loggerhead Sea Turtle (E)	Whales (see list below)	Guadalupe Fur Seal (T)	Steller Sea Lion	SALMON		Groundfish	Coastal Pelagic	Highly Migratory Species	MMPA Cetaceans (see "MMPA Species" tab for list)	MMPA Pinnipeds (see "MMPA Species" tab for list)					
														Coho	Chinook								
Quad Name	Quad Number																						
Ah Pah Ridge	41123-D8											X	X	X									
Cant Hook Mount	41123-F8											X	X	X									
Childs Hill	41124-F1				X	X	X	X				X	X	X	X		X	X					
Crescent City	41124-G2				X	X	X	X				X	X	X	X		X	X					
Fern Canyon	41124-D1				X	X	X	X				X	X	X	X		X	X					
Gasquet	41123-G8											X	X										
Hiouchi	41124-G1											X	X										
Klamath Glen	41123-E8											X	X	X									
Requa	41124-E1				X	X	X	X				X	X	X	X		X	X					
Sister Rocks	41124-F2				X	X	X	X				X	X	X	X		X	X					

- Blue Whale (E)
- Fin Whale (E)
- Humpback Whale (E)
- Southern Resident Killer Whale (E)
- North Pacific Right Whale (E)
- Sei Whale (E)
- Sperm Whale (E)



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Arcata Fish And Wildlife Office
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In Reply Refer To:
Consultation Code: 08EACT00-2019-SLI-0490
Event Code: 08EACT00-2020-E-00393
Project Name: Last Chance Grade--Broad Area

March 04, 2020

Subject: Updated list of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Arcata Fish And Wildlife Office

1655 Heindon Road
Arcata, CA 95521-4573
(707) 822-7201

Project Summary

Consultation Code: 08EACT00-2019-SLI-0490

Event Code: 08EACT00-2020-E-00393

Project Name: Last Chance Grade--Broad Area

Project Type: TRANSPORTATION

Project Description: Last Chance Grade.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/41.62769400327123N124.10744737775266W>



Counties: Del Norte, CA

Endangered Species Act Species

There is a total of 9 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

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1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
Fisher <i>Pekania pennanti</i> Population: West coast DPS No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/3651	Proposed Threatened

Birds

NAME	STATUS
Marbled Murrelet <i>Brachyramphus marmoratus</i> Population: U.S.A. (CA, OR, WA) There is final critical habitat for this species. Your location overlaps the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/4467	Threatened
Northern Spotted Owl <i>Strix occidentalis caurina</i> There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/1123	Threatened
Short-tailed Albatross <i>Phoebastria (=Diomedea) albatrus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/433	Endangered
Western Snowy Plover <i>Charadrius nivosus nivosus</i> Population: Pacific Coast population DPS-U.S.A. (CA, OR, WA), Mexico (within 50 miles of Pacific coast) There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/8035	Threatened
Yellow-billed Cuckoo <i>Coccyzus americanus</i> Population: Western U.S. DPS There is proposed critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/3911	Threatened

Fishes

NAME	STATUS
Tidewater Goby <i>Eucyclogobius newberryi</i> There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/57	Endangered

Insects

NAME	STATUS
Oregon Silverspot Butterfly <i>Speyeria zerene hippolyta</i> There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/6930	Threatened

Flowering Plants

NAME	STATUS
Western Lily <i>Lilium occidentale</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/998	Endangered

Critical habitats

There is 1 critical habitat wholly or partially within your project area under this office's jurisdiction.

NAME	STATUS
Marbled Murrelet <i>Brachyramphus marmoratus</i> https://ecos.fws.gov/ecp/species/4467#crithab	Final



Summary Table Report
California Department of Fish and Wildlife
California Natural Diversity Database



Query Criteria: Quad IS (Requa (4112451) OR (Kiamath Glen (4112358) OR (Childs Hill (4112461) OR (Sisler, Rocks (4112462) OR (Crescent City (4112472) OR (Hiouchi (4112471) OR (Casquet (4112378) OR (Cant Hook Mtn. (4112368) OR (Fern Canyon (4112441) OR (Ah Pah Ridge (4112348))

Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks										Population Status			Presence	
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.				
<i>Abronia umbellata</i> var. <i>breviflora</i> pink sand-verbena	G4G5T2 S2	None None	Rare Plant Rank - 1B.1 BLM_S-Sensitive SB_RSABG-Rancho Santa Ana Botanic Garden	5 10	61 S:8	1	1	3	3	0	0	0	0	0	0	4	4	8	0	0
<i>Anthoxanthum nitens</i> ssp. <i>nitens</i> vanilla-grass	G5 S2	None None	Rare Plant Rank - 2B.3	10 10	6 S:1	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0
<i>Aplodontia rufa humboldtiana</i> Humboldt mountain beaver	G5TNR SNR	None None		5 30	28 S:2	0	0	0	0	0	2	1	1	2	0	0	0	0	0	0
<i>Arabis mcdonaldiana</i> McDonald's rockcress	G3 S3	Endangered Endangered	Rare Plant Rank - 1B.1 SB_BerrySB-Berry Seed Bank SB_RSABG-Rancho Santa Ana Botanic Garden	500 500	29 S:1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0
<i>Arbormimus pomo</i> Sonoma tree vole	G3 S3	None None	CDFW_SSC-Species of Special Concern IUCN_NT-Near Threatened	300 800	222 S:6	0	0	0	0	0	6	6	0	0	0	0	6	0	0	0
<i>Ardea herodias</i> great blue heron	G5 S4	None None	CDF_S-Sensitive IUCN_LC-Least Concern	80 80	155 S:1	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0
<i>Ascaphus truei</i> Pacific tailed frog	G4 S3S4	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	50 2,100	491 S:66	1	1	0	0	0	64	30	36	66	0	0	0	0	0	0
<i>Asplenium trichomanes</i> ssp. <i>trichomanes</i> maidenhair spleenwort	G5T5 S1	None None	Rare Plant Rank - 2B.1	600 600	1 S:1	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0
<i>Boechera koehleri</i> Koehler's stipitate rockcress	G3G4 S3	None None	Rare Plant Rank - 1B.3 USFS_S-Sensitive	400 660	29 S:4	1	0	0	0	0	3	3	1	4	0	0	0	0	0	0
<i>Bombus caliginosus</i> obscure bumble bee	G4? S1S2	None None	IUCN_VU-Vulnerable	1 500	181 S:9	0	0	0	0	0	9	8	1	9	0	0	0	0	0	0



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						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extrap.	Extirp.				
<i>Bombus occidentalis</i> western bumble bee	G2G3 S1	None Candidate Endangered	USFS_S-Sensitive XERCES_IM-Impaired	25 50	280 S:4	0	0	0	0	0	0	0	0	0	0	4	0	0	0	
<i>Bonasa umbellus</i> ruffed grouse	G5 S3S4	None None	CDFW_WL-Watch List IUCN_LC-Least Concern	340 720	5 S:4	0	0	0	0	0	0	0	0	0	0	4	0	0	0	
<i>Brachyramphus marmoratus</i> marbled murrelet	G3G4 S1	Threatened Endangered	CDF_S-Sensitive IUCN_EN-Endangered NABCI_RWL-Red Watch List	200 1,400	110 S:25	0	1	0	0	0	24	0	0	0	0	25	0	0	0	
<i>Branta hutchinsii leucopareia</i> cackling (=Aleutian Canada) goose	G5T3 S3	Delisted None	CDFW_WL-Watch List	20 200	19 S:2	0	0	0	0	0	2	0	0	0	0	2	0	0	0	
<i>Bryoria spirifera</i> twisted horsehair lichen	G1G2 S1S2	None None	Rare Plant Rank - 1B.1		8 S:1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	
<i>Calamagrostis crassiglumis</i> Thurber's reed grass	G3Q S2	None None	Rare Plant Rank - 2B.1		15 S:3	0	0	0	0	0	3	0	0	0	3	0	0	0	0	
<i>Calamagrostis foliosa</i> leafy reed grass	G3 S3	None Rare	Rare Plant Rank - 4.2 BLM_S-Sensitive	4,000 4,000	22 S:1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	
<i>Calicium adpersum</i> spiral-spored gilded-head pin lichen	G3G4 S1	None None	Rare Plant Rank - 2B.2 USFS_S-Sensitive	650 650	1 S:1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	
<i>Calystegia atriplicifolia ssp. butensis</i> Butte County morning-glory	G5T3 S3	None None	Rare Plant Rank - 4.2	350 1,960	121 S:3	1	1	0	0	0	1	0	0	0	0	3	0	0	0	
<i>Cardamine argulata</i> seaside bittercress	G4G5 S3	None None	Rare Plant Rank - 2B.1	40 755	38 S:21	4	9	3	2	0	3	1	0	0	20	21	0	0	0	
<i>Cardamine nuttallii var. gemmata</i> yellow-tubered toothwort	G5T3Q S2	None None	Rare Plant Rank - 3.3	70 2,800	17 S:6	0	1	0	0	0	5	6	0	0	6	0	0	0	0	
<i>Carex arcta</i> northern clustered sedge	G5 S1	None None	Rare Plant Rank - 2B.2		13 S:1	0	0	0	0	0	1	1	0	0	1	0	0	0	0	
<i>Carex lenticularis var. limnophila</i> lagoon sedge	G5T5 S1	None None	Rare Plant Rank - 2B.2		4 S:1	0	0	0	0	0	1	1	0	0	1	0	0	0	0	
<i>Carex leptalea</i> bristle-stalked sedge	G5 S1	None None	Rare Plant Rank - 2B.2	1,450 1,450	8 S:1	0	0	1	0	0	0	0	0	0	1	1	0	0	0	



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						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extrap.				
<i>Carex lyngbyei</i> Lyngbye's sedge	G5 S3	None	Rare Plant Rank - 2B.2	4 15	29 S:2	0	0	0	0	0	0	0	0	0	2	0	0	0	
<i>Carex praticola</i> northern meadow sedge	G5 S2	None	Rare Plant Rank - 2B.2	50 50	14 S:1	0	0	0	0	0	0	0	0	0	1	0	0	0	
<i>Carex serpenticola</i> serpentine sedge	G4 S3	None	Rare Plant Rank - 2B.3	390 2,280	17 S:7	0	0	0	0	0	0	0	0	0	7	0	0	0	
<i>Carex viridula</i> ssp. <i>viridula</i> green yellow sedge	G5T5 S2	None	Rare Plant Rank - 2B.3	10 10	8 S:2	0	0	0	0	0	0	0	0	0	2	1	0	0	
<i>Cascadia nuttallii</i> Nuttall's saxifrage	G4? S1	None	Rare Plant Rank - 2B.1	125 250	2 S:2	0	0	0	0	0	0	0	0	0	2	1	0	0	
<i>Castilleja elata</i> Siskiyou paintbrush	G3 S2S3	None	Rare Plant Rank - 2B.2	200 2,400	36 S:12	0	1	0	0	0	0	0	0	0	11	1	0	0	
<i>Castilleja littoralis</i> Oregon coast paintbrush	G3 S3	None	Rare Plant Rank - 2B.2	14 280	44 S:6	0	0	2	0	0	0	0	0	0	4	2	4	0	0
<i>Cerofinca monocerata</i> rhinoceros auklet	G5 S3	None	CDFW, WL-Watch List IUCN, LC-Least Concern	235 235	10 S:1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Charadrius alexandrinus nivosus</i> western snowy plover	G3T3 S2S3	Threatened None	CDFW, SSC-Species of Special Concern NABCI, RWL-Red Watch List USFWS, BCC-Birds of Conservation Concern	10 10	138 S:1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Circus hudsonius</i> northern harrier	G5 S3	None	CDFW, SSC-Species of Special Concern IUCN, LC-Least Concern	15 55	53 S:3	0	1	2	0	0	0	0	0	0	0	3	0	0	0
<i>Coastal and Valley Freshwater Marsh</i> Coastal and Valley Freshwater Marsh	G3 S2.1	None		10 10	60 S:1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Coastal Brackish Marsh</i> Coastal Brackish Marsh	G2 S2.1	None			30 S:1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Cochlearia groenlandica</i> Greenland cochlearia	G4 S1	None	Rare Plant Rank - 2B.3	5 5	1 S:1	0	0	0	0	0	0	0	0	0	1	0	0	0	0



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						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extrap.	Extrap.				
<i>Coenonychia tulifa yontockett</i> Yontockett salyr.	G5T1T2 S1	None None		10 10	1 S:1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
<i>Coptis laeiniata</i> Oregon goldthread	G4? S3?	None None	Rare Plant Rank - 4.2	340 1,903	122 S:6	0	0	0	0	0	0	0	0	0	0	6	0	0	0	
<i>Corynorhinus townsendii</i> Townsend's big-eared bat	G3G4 S2	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern USFWS_S-Sensitive MIBWG_H-High Priority	170 170	635 S:1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
<i>Cottus klamathensis polyporus</i> Lower Klamath marbled sculpin	G4T2T4 S2S4	None None	CDFW_SSC-Species of Special Concern	50 50	20 S:1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
<i>Cypseloides niger</i> black swift	G4 S2	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern NABCI_YWL-Yellow Watch List USFWS_BCC-Birds of Conservation Concern	160 160	46 S:1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
<i>Darlingtonia Seep</i> Darlingtonia Seep	G4 S3.2	None None		615 1,000	70 S:2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	
<i>Discellium nudum</i> naked flag moss	G4G5 S1	None None	Rare Plant Rank - 2B.2		2 S:1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
<i>Downingia willamettensis</i> Cascade downingia	G4 S2	None None	Rare Plant Rank - 2B.2	191 191	8 S:1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
<i>Elaeus leucurus</i> white-tailed kite	G5 S3S4	None None	BLM_S-Sensitive CDFW_FP-Fully Protected IUCN_LC-Least Concern	10 10	180 S:1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
<i>Empetrum nigrum</i> black crowberry	G5 S1?	None None	Rare Plant Rank - 2B.2	10 45	4 S:3	0	0	0	0	0	0	0	0	0	0	2	0	0	1	



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						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extrap.	Extirp.				
<i>Eryis marmorata</i> western pond turtle	G3G4 S3	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_VU-Vulnerable USFS_S-Sensitive	38 410	1385 S:3	2	1	0	0	0	0	0	0	0	0	0	0	3	0	0
<i>Erethizon dorsatum</i> North American porcupine	G5 S3	None None	IUCN_LC-Least Concern	14 1,347	523 S:29	0	0	0	0	0	29	5	24	29	0	0	0	0	0	0
<i>Eriogonum nudum var. paralinum</i> Del Norte buckwheat	G5T2 S1	None None	Rare Plant Rank - 2B.2	5 100	2 S:2	0	0	0	0	0	2	2	0	2	0	0	0	0	0	0
<i>Eriogonum pendulum</i> Waldo wild buckwheat	G4 S2S3	None None	Rare Plant Rank - 2B.2	800 1,850	28 S:3	0	0	0	0	0	3	3	0	3	0	0	0	3	0	0
<i>Erysimum concinnum</i> bluff wallflower	G3 S2	None None	Rare Plant Rank - 1B.2	10 50	30 S:5	0	1	0	1	0	3	3	2	5	0	0	0	0	0	0
<i>Erythronium hendersonii</i> Henderson's fawn lily	G4 S2	None None	Rare Plant Rank - 2B.3 USFS_S-Sensitive	200 200	7 S:1	0	0	0	0	0	1	1	0	1	0	0	0	1	0	0
<i>Erythronium howellii</i> Howell's fawn lily	G3G4 S2	None None	Rare Plant Rank - 1B.3	400 2,300	11 S:4	0	0	0	0	0	4	4	0	4	0	0	0	4	0	0
<i>Erythronium oregonum</i> giant fawn lily	G4G5 S2	None None	Rare Plant Rank - 2B.2	1,700 2,480	38 S:4	0	2	0	0	0	2	0	4	4	0	0	0	4	0	0
<i>Erythronium revolutum</i> coast fawn lily	G4G5 S3	None None	Rare Plant Rank - 2B.2	420 2,535	164 S:7	0	5	0	1	0	1	1	6	7	0	0	0	7	0	0
<i>Eucyclogobius newberryi</i> tidewater goby	G3 S3	Endangered None	AFS_EN-Endangered CDFW_SSC-Species of Special Concern IUCN_VU-Vulnerable	4 4	127 S:1	1	0	0	0	0	0	0	1	1	0	0	0	1	0	0
<i>Fissidens pauperculus</i> minute pocket moss	G3? S2	None None	Rare Plant Rank - 1B.2 USFS_S-Sensitive	120 500	22 S:3	0	0	0	0	0	3	3	0	3	0	0	0	3	0	0
<i>Fratercula cirrhata</i> tufted puffin	G5 S1S2	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	235 235	17 S:1	0	0	0	0	0	1	1	0	1	0	0	0	1	0	0
<i>Gentiana sedifera</i> Mendocino gentian	G2 S2	None None	Rare Plant Rank - 1B.2 BLM_S-Sensitive USFS_S-Sensitive	400 3,000	11 S:2	0	0	0	0	0	2	2	0	2	0	0	0	2	0	0



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						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extrap.	Extrap.				
<i>Gilia capitata</i> ssp. <i>pacifica</i> Pacific gilia	G5T3 S2	None None	Rare Plant Rank - 1B.2	16 1,900	83 S:12	1	1	1	0	0	0	0	0	0	0	9	6	12	0	0
<i>Gilia millefoliata</i> dark-eyed gilia	G2 S2	None None	Rare Plant Rank - 1B.2 BLM_S-Sensitive	10 75	54 S:8	0	0	7	0	0	1	0	0	0	0	1	8	8	0	0
<i>Heliaeetus leucocephalus</i> bald eagle	G5 S3	Delisted Endangered	BLM_S-Sensitive CDFW_S-Sensitive CDFW_FP-Fully Protected IUCN_LC-Least Concern USFS_S-Sensitive USFWS_BCC-Birds of Conservation Concern	800 800	327 S:1	0	0	0	0	0	1	1	0	0	0	1	0	1	0	0
<i>Hesperavax sparsiflora</i> var. <i>brevifolia</i> short-leaved evax	G4T3 S2	None None	Rare Plant Rank - 1B.2 BLM_S-Sensitive	13 54	56 S:5	0	2	1	0	0	2	0	0	0	0	2	5	5	0	0
<i>Iliamna latibracteata</i> California globe mallow	G2G3 S2	None None	Rare Plant Rank - 1B.2 USFS_S-Sensitive	500 500	41 S:1	0	0	0	0	0	1	1	0	0	1	0	1	0	0	0
<i>Juga chacei</i> Chace juga	G1 S1	None None	USFS_S-Sensitive	20 330	3 S:3	0	0	0	0	0	3	2	1	0	3	1	3	0	0	0
<i>Kopslopsis hookeri</i> small groundcone	G4? S1S2	None None	Rare Plant Rank - 2B.3	1,750 1,980	21 S:3	0	1	1	0	0	1	1	2	0	1	2	3	0	0	0
<i>Lasionycteris noctivagans</i> silver-haired bat	G5 S3S4	None None	IUCN_LC-Least Concern WBWG_M-Medium Priority	170 370	139 S:2	1	0	0	0	0	1	0	2	0	0	2	2	0	0	0
<i>Lasthenia californica</i> ssp. <i>macrantha</i> perennial goldfields	G3T2 S2	None None	Rare Plant Rank - 1B.2	100 100	59 S:1	0	0	0	0	0	1	1	0	0	1	0	1	0	0	0
<i>Lathyrus japonicus</i> seaside pea	G5 S2	None None	Rare Plant Rank - 2B.1	0 20	24 S:10	0	3	2	1	0	4	1	9	0	4	10	0	0	0	0
<i>Lathyrus palustris</i> marsh pea	G5 S2	None None	Rare Plant Rank - 2B.2	8 40	13 S:5	1	2	0	0	0	2	1	4	0	2	1	4	5	0	0
<i>Lewisia oppositifolia</i> opposite-leaved lewisia	G3 S2	None None	Rare Plant Rank - 2B.2 USFS_S-Sensitive	1,750 4,000	14 S:4	0	0	1	0	0	3	2	2	0	3	2	4	0	0	0



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<i>Lilium occidentale</i> western lily	G1 S1	Endangered Endangered	Rare Plant Rank - 1B.1 SB_BerrySB-Berry Seed Bank	10 40	16 S:7	0	1	4	2	0	0	0	0	0	0	4	3	7	0	0
<i>Limnephilus atercus</i> Fort Dick limnephilus caddisfly	G3G4 S1	None None		50 70	2 S:2	0	0	0	0	0	2	2	0	0	0	0	0	2	0	0
<i>Lomatium martindalei</i> Coast Range lomatium	G5 S2	None None	Rare Plant Rank - 2B.3	1,650 3,900	9 S:2	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
<i>Lysimachia europaea</i> arctic starflower	G5 S1	None None	Rare Plant Rank - 2B.2	10 50	4 S:4	1	0	0	1	0	2	4	0	0	0	0	4	0	0	0
<i>Margaritifera falcata</i> western peanthead	G4G5 S1S2	None None		130 130	78 S:1	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0
<i>Martes caurina humboldtensis</i> Humboldt marten	G5T1 S1	None Endangered	CDFW_SSC-Species of Special Concern USFS_S-Sensitive	50 3,600	44 S:4	0	0	0	0	0	4	2	2	0	0	2	4	0	0	0
<i>Mitella caulescens</i> leafy-stemmed mitrewort	G5 S4	None None	Rare Plant Rank - 4.2	1,000 1,000	21 S:1	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0
<i>Monadenia fidelis pronotis</i> rocky coast Pacific seaband	G4G5T1 S1	None None		40 40	1 S:1	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0
<i>Moneses uniflora</i> woodnymph	G5 S2	None None	Rare Plant Rank - 2B.2	180 500	7 S:3	0	0	0	0	0	3	2	1	0	0	3	0	0	0	0
<i>Monotropa uniflora</i> ghost-pipe	G5 S2	None None	Rare Plant Rank - 2B.2	50 1,665	100 S:60	1	11	28	11	0	9	2	58	0	0	60	0	0	0	0
<i>Myotis evotis</i> long-eared myotis	G5 S3	None None	BLM_S-Sensitive IUCN_LC-Least Concern WBWG_M-Medium Priority	122 979	139 S:2	0	0	0	0	0	2	1	1	0	0	2	0	0	0	0
<i>Myotis thysanodes</i> fringed myotis	G4 S3	None None	BLM_S-Sensitive IUCN_LC-Least Concern USFS_S-Sensitive WBWG_H-High Priority	940 940	86 S:1	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0



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<i>Myotis yumanensis</i> Yuma myotis	G5 S4	None None	BLM_S-Sensitive IUCN_LC-Least Concern WBWG_LM-Low-Medium Priority	20 380	265 S:6	1	3	0	0	0	0	0	0	0	2	0	6	0	0	0
Northern Coastal Salt Marsh Northern Coastal Salt Marsh	G3 S3.2	None None		4 4	53 S:1	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0
<i>Nycticorax nycticorax</i> black-crowned night heron	G5 S4	None None	IUCN_LC-Least Concern	22 22	37 S:1	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0
<i>Oceanodroma furcata</i> fork-tailed storm-petrel	G5 S1	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	12 235	8 S:3	0	0	0	0	1	2	3	0	0	2	0	2	0	0	1
<i>Oenothera wolffii</i> Wolf's evening-primrose	G2 S1	None None	Rare Plant Rank - 1B.1 BLM_S-Sensitive SB_Berry/SB-Berry Seed Bank	0 100	29 S:13	0	5	3	2	0	3	6	7	13	0	0	0	0	0	0
<i>Oncorhynchus clarkii clarkii</i> coast cutthroat trout	G4T4 S3	None None	AFS_VU-Vulnerable CDFW_SSC-Species of Special Concern USFS_S-Sensitive	4 200	45 S:13	0	1	0	0	0	12	11	2	13	0	0	0	0	0	0
<i>Oncorhynchus mykiss irideus pop. 36</i> summer-run steelhead trout	G5T4Q S2	None Candidate Endangered	CDFW_SSC-Species of Special Concern	400 560	20 S:2	0	0	0	0	0	2	2	0	2	0	0	0	0	0	0
<i>Packera bolanderi var. bolanderi</i> seacoast ragwort	C4T4 S2S3	None None	Rare Plant Rank - 2B.2	105 2,066	70 S:17	1	2	0	0	0	14	6	11	17	0	0	0	0	0	0
<i>Packera hesperia</i> western ragwort	G3 S1	None None	Rare Plant Rank - 2B.2 USFS_S-Sensitive	2,040 2,290	4 S:4	4	0	0	0	0	0	0	4	4	0	0	0	0	0	0
<i>Pandion haliaetus</i> osprey	G5 S4	None None	CDF_S-Sensitive CDFW_WL-Watch List IUCN_LC-Least Concern	17 650	504 S:27	11	8	1	0	0	7	24	3	27	0	0	0	0	0	0
<i>Pekania pennanti</i> fisher - West Coast DPS	G5T2T3Q S2S3	None Threatened	BLM_S-Sensitive CDFW_SSC-Species of Special Concern USFS_S-Sensitive	840 4,090	743 S:6	1	1	0	0	0	4	6	0	6	0	0	0	0	0	0
<i>Phacelia argentea</i> sand dune phacelia	G2 S1	None None	Rare Plant Rank - 1B.1 SB_Berry/SB-Berry Seed Bank	10 80	16 S:11	0	10	0	0	0	1	1	10	11	0	0	0	0	0	0



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						A	B	C	D	X	U	H	U	Recent <= 20 yr	Historic > 20 yr	Extant	Poss. Extrap.	Extirp.		
<i>Phalacrocorax auritus</i> double-crested cormorant	G5 S4	None None	CDFW_WL-Watch List IUCN_LC-Least Concern	5 9	39 S:5	0	0	0	0	0	0	0	0	0	0	5	0	0	0	
<i>Pinguicula macropus</i> horned butterwort	G4 S2	None None	Rare Plant Rank - 2B.2	80 1,200	26 S:12	0	0	1	0	0	0	0	0	0	0	12	0	0	0	
<i>Piperia candida</i> white-flowered rein orchid	G3 S3	None None	Rare Plant Rank - 1B.2 BLM_S-Sensitive	470 2,200	188 S:6	0	2	2	0	0	0	0	0	0	0	6	0	0	0	
<i>Plethodon elongatus</i> Del Norte salamander	G4 S3	None None	CDFW_WL-Watch List IUCN_NT-Near Threatened	80 2,100	151 S:46	1	0	0	0	0	0	45	0	0	0	46	0	0	0	
<i>Polemonium carneum</i> Oregon polemonium	G3G4 S2	None None	Rare Plant Rank - 2B.2	1,000 1,000	16 S:1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	
<i>Polites mardon</i> mardon skipper	G2G3 S1	None None	USFS_S-Sensitive XERCES_IM-Impaired	1,720 1,720	2 S:1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	
<i>Potamogeton foliosus ssp. fibrillosus</i> fibrous pondweed	G5T2T4 S1S2	None None	Rare Plant Rank - 2B.3	50 50	1 S:1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	
<i>Prosartes parvifolia</i> Siskiyou bells	G2 S1S2	None None	Rare Plant Rank - 1B.2 USFS_S-Sensitive	2,415 2,740	9 S:3	0	1	0	0	0	0	2	0	0	0	3	0	0	0	
<i>Pyrocampa racemosa var. congesta</i> Del Norte pyrrocoma	G5T4 S2	None None	Rare Plant Rank - 2B.3	800 2,250	13 S:5	0	0	0	0	0	0	5	0	0	0	5	0	0	0	
<i>Ranalina thrausta</i> angel's hair lichen	G5? S2S3	None None	Rare Plant Rank - 2B.1	240 1,312	14 S:4	0	0	0	0	0	1	3	0	0	0	3	1	0	0	
<i>Rana aurora</i> northern red-legged frog	G4 S3	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern USFS_S-Sensitive	10 800	292 S:56	0	2	2	1	0	0	51	19	0	0	37	0	0	0	
<i>Rana boylei</i> foothill yellow-legged frog	G3 S3	None Candidate Threatened	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_NT-Near Threatened USFS_S-Sensitive	25 2,000	2468 S:40	0	0	0	0	0	0	40	12	0	0	40	0	0	0	



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<i>Rhyacotriton variegatus</i> southern torrent salamander	G3G4 S2S3	None None	CDFW_SSC-Species of Special Concern IUCN_LL-Least Concern USFS_S-Sensitive	100 2,000	416 S:69	1	1	3	0	0	0	0	0	0	0	64	36	33	69	0	0
<i>Romanzoffia tracyi</i> Tracy's romanzoffia	G4 S2	None None	Rare Plant Rank - 2B.3	235 235	9 S:3	0	0	0	0	0	0	0	0	0	0	3	3	0	3	0	0
<i>Rosa gymnocarpa</i> var. <i>serpentina</i> Gasquet rose	G5T3T4 S2	None None	Rare Plant Rank - 1B.3 SB_Berry/SB-Berry Seed Bank SB_RSABG-Rancho Santa Ana Botanic Garden	1,200 1,200	7 S:1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0
<i>Sabulina howellii</i> Howell's sandwort	G4 S3	None None	Rare Plant Rank - 1B.3 BLM_S-Sensitive	125 1,960	24 S:5	1	0	0	0	0	0	0	0	0	0	4	4	1	5	0	0
<i>Sagittaria sanfordii</i> Sanford's arrowhead	G3 S3	None None	Rare Plant Rank - 1B.2 BLM_S-Sensitive	10 10	125 S:1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0
<i>Sanguisorba officinalis</i> great burnet	G5? S2	None None	Rare Plant Rank - 2B.2	15 400	22 S:5	1	0	0	0	0	0	0	0	0	0	4	4	1	5	0	0
<i>Sedum citrinum</i> Blue Creek stonecrop	G2 S2	None None	Rare Plant Rank - 1B.2	3,000 4,000	11 S:5	0	0	0	0	0	0	0	0	0	0	5	0	5	5	0	0
<i>Sidaicea malachroides</i> maple-leaved checkerbloom	G3 S3	None None	Rare Plant Rank - 4.2	100 980	136 S:4	0	0	2	0	0	0	0	0	0	0	2	1	3	4	0	0
<i>Sidaicea malviflora</i> ssp. <i>patula</i> Siskiyou checkerbloom	G5T2 S2	None None	Rare Plant Rank - 1B.2 BLM_S-Sensitive	18 87	53 S:2	0	0	0	0	0	0	0	0	0	0	2	0	2	2	0	0
<i>Sidaicea oregana</i> ssp. <i>eximia</i> coast checkerbloom	G5T1 S1	None None	Rare Plant Rank - 1B.2 BLM_S-Sensitive	20 35	19 S:3	0	0	0	0	0	0	0	0	0	0	3	3	0	3	0	0
<i>Silene scouleri</i> ssp. <i>scouleri</i> Scouler's catchfly	G5T4T5 S2S3	None None	Rare Plant Rank - 2B.2	1,000 1,000	23 S:2	0	0	0	0	0	0	0	0	0	0	2	2	0	2	0	0
<i>Silene serpenticruciata</i> serpentine catchfly	G3 S3	None None	Rare Plant Rank - 1B.2 USFS_S-Sensitive	158 2,241	55 S:23	1	4	0	0	0	0	0	0	0	0	18	7	16	23	0	0
<i>Speyeria zerene hippolyta</i> Oregon silverspot butterfly	G5T1 S1	Threatened None	XERCES_CJ-Critically Imperiled	20 50	3 S:2	0	2	0	0	0	0	0	0	0	0	0	1	1	2	0	0



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<i>Spirinchus thaleichthys</i> longfin smelt	G5 S1	Candidate Threatened		0 0	46 S:1	0	0	0	0	0	0	0	0	0	1	0	0
<i>Streptanthus howellii</i> Howell's jewelflower	G2G3 S2	None None	Rare Plant Rank - 1B.2 USFS_S-Sensitive		21 S:1	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thaleichthys pacificus</i> eulachon	G5 S3	Threatened None			10 S:1	0	0	0	0	0	0	0	0	0	1	0	0
<i>Thermopsis robusta</i> robust false lupine	G2 S2	None None	Rare Plant Rank - 1B.2 USFS_S-Sensitive	2,275 2,400	101 S:3	0	0	3	0	0	0	0	0	0	3	0	0
<i>Triquetrella californica</i> coastal triquetrella	G2 S2	None None	Rare Plant Rank - 1B.2 USFS_S-Sensitive	80 80	13 S:1	0	0	0	0	0	0	0	0	0	1	0	0
<i>Usnea longissima</i> Meihausen's beard lichen	G4 S4	None None	Rare Plant Rank - 4.2 BLM_S-Sensitive	160 1,550	206 S:10	0	2	2	2	0	4	6	4	4	10	0	0
<i>Vaccinium scoparium</i> little-leaved huckleberry	G5 S3	None None	Rare Plant Rank - 2B.2	450 1,815	29 S:3	0	0	0	0	0	3	1	2	3	0	0	0
<i>Viola langsdorffii</i> Langsdorf's violet	G4 S1	None None	Rare Plant Rank - 2B.1	0 35	2 S:2	1	0	0	0	0	1	1	1	2	0	0	0
<i>Viola palustris</i> alpine marsh violet	G5 S1S2	None None	Rare Plant Rank - 2B.2	10 15	10 S:3	1	0	0	0	0	2	3	0	3	0	0	0
<i>Viola primulifolia ssp. occidentalis</i> western white bog violet	G5T2 S2	None None	Rare Plant Rank - 1B.2 USFS_S-Sensitive	400 2,300	19 S:7	0	5	0	0	0	2	2	5	7	0	0	0



*The database used to provide updates to the Online Inventory is under construction. [View updates and changes made since May 2019 here.](#)

Plant List

129 matches found. [Click on scientific name for details](#)

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Scientific Name	Common Name	Family	Lifeform	Blooming Period	CA Rare Plant Rank	State Rank	Global Rank
Abronia umbellata var. breviflora	pink sand-verbena	Nyctaginaceae	perennial herb	Jun-Oct	1B.1	S2	G4G5T2
Angelica lucida	sea-watch	Apiaceae	perennial herb	May-Sep	4.2	S3	G5
Antennaria suffrutescens	evergreen everlasting	Asteraceae	perennial stoloniferous herb	Jan-Jul	4.3	S3	G4
Anthoxanthum nitens ssp. nitens	vanilla-grass	Poaceae	perennial rhizomatous herb	Apr-Jul	2B.3	S2	G5
Arabis mcdonaldiana	McDonald's rockcress	Brassicaceae	perennial herb	May-Jul	1B.1	S3	G3
Arctostaphylos hispidula	Howell's manzanita	Ericaceae	perennial evergreen shrub	Mar-Apr	4.2	S3	G4
Arctostaphylos nordensis	Del Norte manzanita	Ericaceae	perennial evergreen shrub	Feb	4.3	S2	G2
Arnica cernua	serpentine arnica	Asteraceae	perennial rhizomatous herb	Apr-Jul	4.3	S4	G5
Arnica spathulata	Klamath amica	Asteraceae	perennial rhizomatous herb	May-Aug	4.3	S3	G3?
Asplenium trichomanes ssp. trichomanes	maidenhair spleenwort	Aspleniaceae	perennial rhizomatous herb	May-Jul	2B.1	S1	G5T5
Boechera koehleri	Koehler's stipitate rockcress	Brassicaceae	perennial herb	(Mar)Apr-Jul	1B.3	S3	G3G4
Bryoria pseudocapillaris	false gray horsehair lichen	Parmeliaceae	fruticose lichen (epiphytic)		3.2	S2	G3
Bryoria spiralis	twisted horsehair lichen	Parmeliaceae	fruticose lichen (epiphytic)		1B.1	S1S2	G3

<u>Calamagrostis crassiglumis</u>	Thurber's reed grass	Poaceae	perennial rhizomatous herb	May-Aug	2B.1	S2	G3Q
<u>Calamagrostis foliosa</u>	leafy reed grass	Poaceae	perennial herb	May-Sep	4.2	S3	G3
<u>Calicium adspersum</u>	spiral-spored guided-head pin lichen	Caliciaceae	crustose lichen (epiphytic)		2B.2	S1?	G3G4
<u>Callitropsis nootkatensis</u>	Alaska cedar	Cupressaceae	perennial evergreen tree		4.3	S3	G4G5
<u>Calystegia atriplicifolia ssp. buttensis</u>	Butte County morning-glory	Convolvulaceae	perennial rhizomatous herb	May-Jul	4.2	S3	G5T3
<u>Cardamine angulata</u>	seaside bittercress	Brassicaceae	perennial herb	(Jan)Mar-Jul	2B.2	S3	G4G5
<u>Cardamine nuttallii var. gemmata</u>	yellow-tubered toothwort	Brassicaceae	perennial rhizomatous herb	Apr-May(Jun)	3.3	S2	G5T3Q
<u>Carex arcta</u>	northern clustered sedge	Cyperaceae	perennial herb	Jun-Sep	2B.2	S1	G5
<u>Carex lenticularis var. limnophila</u>	lagoon sedge	Cyperaceae	perennial herb	Jun-Aug	2B.2	S1	G5T5
<u>Carex leptalea</u>	bristle-stalked sedge	Cyperaceae	perennial rhizomatous herb	Mar-Jul	2B.2	S1	G5
<u>Carex lynqbyei</u>	Lyngbye's sedge	Cyperaceae	perennial rhizomatous herb	Apr-Aug	2B.2	S3	G5
<u>Carex praticola</u>	northern meadow sedge	Cyperaceae	perennial herb	May-Jul	2B.2	S2	G5
<u>Carex scabriuscula</u>	Siskiyou sedge	Cyperaceae	perennial rhizomatous herb	May-Jul	4.3	S4	G4G5
<u>Carex serpenticola</u>	serpentine sedge	Cyperaceae	perennial rhizomatous herb	Mar,May	2B.3	S3	G4
<u>Carex viridula ssp. viridula</u>	green yellow sedge	Cyperaceae	perennial herb	(Jun)Jul-Sep(Nov)	2B.3	S2	G5T5
<u>Cascadia nuttallii</u>	Nuttall's saxifrage	Saxifragaceae	perennial rhizomatous herb	May	2B.1	S1	G4?
<u>Castilleja brevilobata</u>	short-lobed paintbrush	Orobanchaceae	perennial herb (hemiparasitic)	Apr-Jul	4.2	S3	G4
<u>Castilleja elata</u>	Siskiyou paintbrush	Orobanchaceae	perennial herb (hemiparasitic)	May-Aug	2B.2	S2S3	G3
<u>Castilleja litoralis</u>	Oregon coast paintbrush	Orobanchaceae	perennial herb (hemiparasitic)	Jun-Jul	2B.2	S3	G3
<u>Chrysosplenium glechomifolium</u>	Pacific golden saxifrage	Saxifragaceae	perennial herb	Feb-Jun(Jul)	4.3	S3	G5?
<u>Cochlearia groenlandica</u>	Greenland cochlearia	Brassicaceae	annual herb	May-Jul	2B.3	S1	G4
<u>Coptis laciniata</u>	Oregon goldthread	Ranunculaceae	perennial rhizomatous herb	(Feb)Mar-May(Sep-Nov)	4.2	S3?	G4?
<u>Cypripedium californicum</u>	California lady's-slipper	Orchidaceae	perennial rhizomatous herb	Apr-Aug(Sep)	4.2	S4	G4
<u>Cypripedium montanum</u>	mountain lady's-slipper	Orchidaceae	perennial rhizomatous herb	Mar-Aug	4.2	S4	G4

<u>Darlingtonia californica</u>	California pitcherplant	Sarraceniaceae	perennial rhizomatous herb (carnivorous)	Apr-Aug	4.2	S4	G4
<u>Dicentra formosa ssp. oregana</u>	Oregon bleeding heart	Papaveraceae	perennial herb	Apr-May	4.2	S3	G5T4
<u>Discelium nudum</u>	naked flag moss	Disceliaceae	ephemeral moss		2B.2	S1	G4G5
<u>Downingia willamettensis</u>	Cascade downingia	Campanulaceae	annual herb	Jun-Jul(Sep)	2B.2	S2	G4
<u>Empetrum nigrum</u>	black crowberry	Empetraceae	perennial evergreen shrub	Apr-Jun	2B.2	S1?	G5
<u>Erigeron bloomeri var. nudatus</u>	Waldo daisy	Asteraceae	perennial herb	Jun-Jul	2B.3	S3	G5T4
<u>Erigeron cervinus</u>	Siskiyou daisy	Asteraceae	perennial rhizomatous herb	Jun-Aug	4.3	S4	G4
<u>Eriogonum nudum var. paralinum</u>	Del Norte buckwheat	Polygonaceae	perennial herb	Jun, Aug, Sep	2B.2	S1	G5T2
<u>Eriogonum pendulum</u>	Waldo wild buckwheat	Polygonaceae	perennial herb	Aug-Sep	2B.2	S2S3	G4
<u>Erysimum concinnum</u>	bluff wallflower	Brassicaceae	annual / perennial herb	Feb-Jul	1B.2	S2	G3
<u>Erythronium hendersonii</u>	Henderson's fawn lily	Liliaceae	perennial bulbiferous herb	Apr-Jul	2B.3	S2	G4
<u>Erythronium howellii</u>	Howell's fawn lily	Liliaceae	perennial bulbiferous herb	Apr-May	1B.3	S2	G3G4
<u>Erythronium oregonum</u>	giant fawn lily	Liliaceae	perennial bulbiferous herb	Mar-Jun(Jul)	2B.2	S2	G4G5
<u>Erythronium revolutum</u>	coast fawn lily	Liliaceae	perennial bulbiferous herb	Mar-Jul(Aug)	2B.2	S3	G4G5
<u>Eucephalus glabratus</u>	Siskiyou aster	Asteraceae	perennial herb	Jul-Sep	4.3	S3	G4
<u>Fissidens pauperculus</u>	minute pocket moss	Fissidentaceae	moss		1B.2	S2	G3?
<u>Gentiana setigera</u>	Mendocino gentian	Gentianaceae	perennial herb	(Apr-Jul) Aug-Sep	1B.2	S2	G2
<u>Gilia capitata ssp. pacifica</u>	Pacific gilia	Polemoniaceae	annual herb	Apr-Aug	1B.2	S2	G5T3
<u>Gilia millefoliata</u>	dark-eyed gilia	Polemoniaceae	annual herb	Apr-Jul	1B.2	S2	G2
<u>Glehnia littoralis ssp. leiocarpa</u>	American glehnia	Apiaceae	perennial herb	May-Aug	4.2	S2S3	G5T5
<u>Hesperovax sparsiflora var. brevifolia</u>	short-leaved evax	Asteraceae	annual herb	Mar-Jun	1B.2	S2	G4T3
<u>Horkelia sericata</u>	Howell's horkelia	Rosaceae	perennial herb	May-Jul	4.3	S3	G4
<u>Hosackia gracilis</u>	harlequin lotus	Fabaceae	perennial rhizomatous herb	Mar-Jul	4.2	S3	G3G4
<u>Iliamna latibracteata</u>	California globe mallow	Malvaceae	perennial herb	Jun-Aug	1B.2	S2	G2G3
<u>Iris bracteata</u>	Siskiyou iris	Iridaceae	perennial rhizomatous herb	May-Jun	3.3	S3	G4G5

<u>Iris innominata</u>	Del Norte County iris	Iridaceae	perennial rhizomatous herb	May-Jun	4.3	S3	G4G5
<u>Iris tenax ssp. klamathensis</u>	Orleans iris	Iridaceae	perennial rhizomatous herb	Apr-May	4.3	S4	G4G5T4
<u>Iris thompsonii</u>	Thompson's iris	Iridaceae	perennial rhizomatous herb	(Mar-Apr)May-Jun(Jul-Aug)	4.3	S3	G3
<u>Kopsiopsis hookeri</u>	small groundcone	Orobanchaceae	perennial rhizomatous herb (parasitic)	Apr-Aug	2B.3	S1S2	G4?
<u>Lasthenia californica ssp. macrantha</u>	perennial goldfields	Asteraceae	perennial herb	Jan-Nov	1B.2	S2	G3T2
<u>Lathyrus delnorticus</u>	Del Norte pea	Fabaceae	perennial herb	Jun-Jul	4.3	S3	G4
<u>Lathyrus japonicus</u>	seaside pea	Fabaceae	perennial rhizomatous herb	May-Aug	2B.1	S2	G5
<u>Lathyrus palustris</u>	marsh pea	Fabaceae	perennial herb	Mar-Aug	2B.2	S2	G5
<u>Layia carnosa</u>	beach layia	Asteraceae	annual herb	Mar-Jul	1B.1	S2	G2
<u>Lewisia oppositifolia</u>	opposite-leaved lewisia	Montiaceae	perennial herb	Apr-May(Jun)	2B.2	S2	G3
<u>Lilium bolanderi</u>	Bolander's lily	Liliaceae	perennial bulbiferous herb	Jun-Jul	4.2	S3S4	G4
<u>Lilium kelloggii</u>	Kellogg's lily	Liliaceae	perennial bulbiferous herb	May-Aug	4.3	S3	G3
<u>Lilium occidentale</u>	western lily	Liliaceae	perennial bulbiferous herb	Jun-Jul	1B.1	S1	G1
<u>Lilium pardalinum ssp. vollmeri</u>	Vollmer's lily	Liliaceae	perennial bulbiferous herb	(Jun)Jul-Aug	4.3	S3	G5T4
<u>Listera cordata</u>	heart-leaved twayblade	Orchidaceae	perennial herb	Feb-Jul	4.2	S4	G5
<u>Lomatium howellii</u>	Howell's lomatium	Apiaceae	perennial herb	Apr-Jul	4.3	S4	G4G5
<u>Lomatium martindalei</u>	Coast Range lomatium	Apiaceae	perennial herb	May-Jun(Aug)	2B.3	S2	G5
<u>Lycopodium clavatum</u>	running-pine	Lycopodiaceae	perennial rhizomatous herb	Jun-Aug(Sep)	4.1	S3	G5
<u>Lysimachia europaea</u>	arctic starflower	Myrsinaceae	perennial herb	Jun-Jul	2B.2	S1	G5
<u>Micranthes marshallii</u>	Marshall's saxifrage	Saxifragaceae	perennial rhizomatous herb	Mar-Aug	4.3	S3	G5
<u>Mitellastra caulescens</u>	leafy-stemmed mitrewort	Saxifragaceae	perennial rhizomatous herb	(Mar)Apr-Oct	4.2	S4	G5
<u>Moneses uniflora</u>	woodnymph	Ericaceae	perennial rhizomatous herb	May-Aug	2B.2	S2	G5
<u>Monotropa uniflora</u>	ghost-pipe	Ericaceae	perennial herb (achlorophyllous)	Jun-Aug(Sep)	2B.2	S2	G5
<u>Oenothera wolfii</u>	Wolf's evening-primrose	Onagraceae	perennial herb	May-Oct	1B.1	S1	G2
<u>Oxalis suksdorfii</u>	Suksdorf's wood-sorrel	Oxalidaceae	perennial rhizomatous herb	May-Aug	4.3	S3	G4
<u>Packera bolanderi var. bolanderi</u>	seacoast ragwort	Asteraceae	perennial rhizomatous herb	(Jan-Apr)May-Jul(Aug)	2B.2	S2S3	G4T4

<u>Packera hesperia</u>	western ragwort	Asteraceae	perennial herb	Apr-Jun	2B.2	S1	G3
<u>Packera macounii</u>	Siskiyou Mountains ragwort	Asteraceae	perennial herb	Jun-Jul	4.3	S3	G5?
<u>Perideridia gairdneri ssp. gairdneri</u>	Gairdner's yampah	Apiaceae	perennial herb	Jun-Oct	4.2	S3S4	G5T3T4
<u>Phacelia argentea</u>	sand dune phacelia	Hydrophyllaceae	perennial herb	Jun-Aug	1B.1	S1	G2
<u>Pinguicula macroceras</u>	horned butterwort	Lentibulariaceae	perennial herb (carnivorous)	Apr-Jun	2B.2	S2	G4
<u>Piperia candida</u>	white-flowered rein orchid	Orchidaceae	perennial herb	(Mar)May-Sep	1B.2	S3	G3
<u>Pityopus californicus</u>	California pinefoot	Ericaceae	perennial herb (achlorophyllous)	(Mar-Apr)May-Aug	4.2	S4	G4G5
<u>Pleuropogon refractus</u>	nodding semaphore grass	Poaceae	perennial rhizomatous herb	(Mar)Apr-Aug	4.2	S4	G4
<u>Poa rhizomata</u>	timber blue grass	Poaceae	perennial rhizomatous herb	Apr-May	4.3	S3S4	G4?
<u>Polemonium carneum</u>	Oregon polemonium	Polemoniaceae	perennial herb	Apr-Sep	2B.2	S2	G3G4
<u>Potamogeton foliosus ssp. fibrillosus</u>	fibrous pondweed	Potamogetonaceae	perennial rhizomatous herb (aquatic)	unk	2B.3	S1S2	G5T2T4
<u>Prosartes parvifolia</u>	Siskiyou bells	Liliaceae	perennial bulbiferous herb	May-Sep	1B.2	S1S2	G2
<u>Pyrrocoma racemosa var. congesta</u>	Del Norte pyrrocoma	Asteraceae	perennial herb	Aug-Sep	2B.3	S2	G5T4
<u>Ramalina thrausta</u>	angel's hair lichen	Ramalinaceae	fruticose lichen (epiphytic)		2B.1	S2?	G5
<u>Ribes laxiflorum</u>	trailing black currant	Grossulariaceae	perennial deciduous shrub	Mar-Jul(Aug)	4.3	S3	G5?
<u>Romanzoffia tracyi</u>	Tracy's romanzoffia	Hydrophyllaceae	perennial herb	Mar-May	2B.3	S2	G4
<u>Rosa gymnocarpa var. serpentina</u>	Gasquet rose	Rosaceae	perennial rhizomatous shrub	Apr-Jun(Aug)	1B.3	S2	G5T3T4
<u>Sabulina howellii</u>	Howell's sandwort	Caryophyllaceae	annual herb	Apr-Jul	1B.3	S3	G4
<u>Sagittaria sanfordii</u>	Sanford's arrowhead	Alismataceae	perennial rhizomatous herb (emergent)	May-Oct(Nov)	1B.2	S3	G3
<u>Salix delnortensis</u>	Del Norte willow	Salicaceae	perennial deciduous shrub	Apr-May	4.3	S4	G4
<u>Sanguisorba officinalis</u>	great burnet	Rosaceae	perennial rhizomatous herb	Jul-Oct	2B.2	S2	G5?
<u>Sanicula peckiana</u>	Peck's sanicle	Apiaceae	perennial herb	Mar,May,Jun	4.3	S3	G4
<u>Sedum citrinum</u>	Blue Creek stonecrop	Crassulaceae	perennial herb	Jun	1B.2	S2	G2
<u>Sidalcea elegans</u>	Del Norte checkerbloom	Malvaceae	perennial rhizomatous herb	May-Jul	3.3	S2?	G4?
<u>Sidalcea malachroides</u>	maple-leaved checkerbloom	Malvaceae	perennial herb	(Mar)Apr-Aug	4.2	S3	G3

Sidalcea malviflora ssp. patula	Siskiyou checkerbloom	Malvaceae	perennial rhizomatous herb	(Apr)May-Aug	1B.2	S2	G5T2
Sidalcea oregana ssp. eximia	coast checkerbloom	Malvaceae	perennial herb	Jun-Aug	1B.2	S1	G5T1
Silene scouleri ssp. scouleri	Scouler's catchfly	Caryophyllaceae	perennial herb	(Mar-May)Jun-Aug(Sep)	2B.2	S2S3	G5T4T5
Silene serpentinicola	serpentine catchfly	Caryophyllaceae	perennial rhizomatous herb	May-Jul	1B.2	S3	G3
Streptanthus howellii	Howell's jewelflower	Brassicaceae	perennial herb	Jul-Aug	1B.2	S2	G2G3
Tauschia glauca	glaucous tauschia	Apiaceae	perennial herb	Apr-Jun	4.3	S4	G4
Thermopsis robusta	robust false lupine	Fabaceae	perennial rhizomatous herb	May-Jul	1B.2	S2	G2
Tiarella trifoliata var. trifoliata	trifoliolate laceflower	Saxifragaceae	perennial rhizomatous herb	(May)Jun-Aug	3.2	S2S3	G5T5
Triquetrella californica	coastal triquetrella	Pottiaceae	moss		1B.2	S2	G2
Usnea longissima	Methuselah's beard lichen	Parmeliaceae	fruticose lichen (epiphytic)		4.2	S4	G4
Vaccinium scoparium	little-leaved huckleberry	Ericaceae	perennial deciduous shrub	Jun-Aug	2B.2	S3	G5
Vancouveria chrysantha	Siskiyou inside-out-flower	Berberidaceae	perennial rhizomatous herb	Jun	4.3	S3	G4
Veratrum insolitum	Siskiyou false-hellebore	Melanthiaceae	perennial herb	Jun-Aug	4.3	S4	G4
Viola langsdorffii	Langsdorf's violet	Violaceae	perennial herb	May-Jul	2B.1	S1	G4
Viola palustris	alpine marsh violet	Violaceae	perennial rhizomatous herb	Mar-Aug	2B.2	S1S2	G5
Viola primulifolia ssp. occidentalis	western white bog violet	Violaceae	perennial rhizomatous herb	Apr-Sep	1B.2	S2	G5T2

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Special Status and Other CRPR Plants Identified During Pre-field Investigation Known or with Potential to Occur in the Region of the Last Chance Grade Geotechnical Exploration Phase 2B ESL.

Scientific Name	Common Name	Family	CRPR	Global Rank	State Rank	CESA	FESA	Blooming Period	Habitats	Elev. Low (m)	Elev. High (m)	Potential to Occur within the ESL
<i>Angelica lucida</i>	sea-watch	Apiaceae	4.2	G5	S3	None	None	May-Sep	Coastal bluff scrub, Coastal dunes, Coastal scrub, Marshes and swamps (coastal salt)	0	150	High: suitable habitat is present and occurrences are recorded within 5 miles of ESL.
<i>Anthoxanthum nitens</i> ssp. <i>nitens</i>	vanilla-grass	Poaceae	2B.3	G5	S2	None	None	Apr-Jul	Meadow and seep, Wetland	1,500	1,895	None: no potential habitat present
<i>Asplenium trichomanes</i> ssp. <i>trichomanes</i>	maidenhair spleenwort	Aspleniaceae	2B.1	G5T5	S1	None	None	May-Jul	Lower montane coniferous forest (rocky)	185	200	None: no potential habitat present
<i>Bryoria pseudocapillaris</i>	false gray horsehair lichen	Parmeliaceae	3.2	G3	S2	None	None	N/A	Coastal dunes (SLO Co.), North Coast coniferous forest (immediate coast)	0	90	Moderate: suitable habitat is present and occurrences are recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Bryoria spiriferia</i>	twisted horsehair lichen	Parmeliaceae	1B.1	G3	S1S2	None	None	N/A	North Coast coniferous forest	0	30	High: suitable habitat is present and occurrences are recorded within 5 miles of ESL.
<i>Calamagrostis bolanderi</i>	Bolander's reed grass	Poaceae	4.2	G4	S4	None	None	May-Aug	Bogs and fens, Broadleaved upland forest, Closed-cone coniferous forest, Coastal scrub, Meadows and seeps (mesic), Marshes and swamps (freshwater), North Coast coniferous forest	0	455	Moderate: suitable habitat is present and occurrences are recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Calamagrostis crassiglumis</i>	Thurber's reed grass	Poaceae	2B.1	G3Q	S2	None	None	May-Aug	Coastal scrub, Freshwater marsh, Marsh and swamp, Wetland	5	50	Low: minor amount of suitable habitat is present or few to no occurrences recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Calamagrostis foliosa</i>	leafy reed grass	Poaceae	4.2	G3	S3	Rare	None	May-Sep	Coastal bluff scrub, North Coast coniferous forest	0	1,220	Low: minor amount of suitable habitat is present or few to no occurrences recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Callium adspersum</i>	spike-sporred gilled-head pin lichen	Caliciaceae	2B.2	G3G4	S1?	None	None	N/A	Lower montane coniferous forest, North Coast coniferous forest	200	200	High: suitable habitat is present and occurrences are recorded within 5 miles of ESL.
<i>Cardamine arguta</i>	seaside bittercress	Brassicaceae	2B.1	G4G5	S3	None	None	(Jan)Mar-Jul	Lower montane coniferous forest, North Coast coniferous forest, Wetland	5	915	High: suitable habitat is present and occurrences are recorded within 5 miles of ESL.
<i>Carex arcta</i>	northern clustered sedge	Cyperaceae	2B.2	G5	S1	None	None	Jun-Sep	Bog and fen, North Coast coniferous forest, Wetland	60	1,400	Low: minor amount of suitable habitat is present or few to no occurrences recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Carex buxbaumi</i>	Buxbaum's sedge	Cyperaceae	4.2	G5	S3	None	None	Mar-Aug	Bogs and fens, Meadows and seeps (mesic), Marshes and swamps	3	3300	Low: minor amount of suitable habitat is present or few to no occurrences recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Carex leptalea</i>	bristle-stalked sedge	Cyperaceae	2B.2	G5	S1	None	None	Mar-Jul	Bog and fen, Freshwater marsh, Marsh and swamp, Meadow and seep, Wetland	0	1365	Low: minor amount of suitable habitat is present or few to no occurrences recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Carex pratensis</i>	northern meadow sedge	Cyperaceae	2B.2	G5	S2	None	None	May-Jul	Meadow and seep, Wetland	0	3200	Low: minor amount of suitable habitat is present or few to no occurrences recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Carex saliniformis</i>	deceiving sedge	Cyperaceae	1B.2	G2	S2	None	None	Jun(Jul)	Coastal prairie, Coastal scrub, Marsh and swamp, Meadow and seep, Wetland	2	230	None: no potential habitat present
<i>Carex viridula</i> ssp. <i>viridula</i>	green yellow sedge	Cyperaceae	2B.3	G5T5	S2	None	None	(Jun)Jul-Sep(Nov)	Bog and fen, Marsh and swamp, North Coast coniferous forest, Wetland	0	1705	Low: minor amount of suitable habitat is present or few to no occurrences recorded from the region (coastal Del Norte County and northern coastal Humboldt County)

Scientific Name	Common Name	Family	CRPR	Global Rank	State Rank	CESA	FESA	Blooming Period	Habitats	Elev. Low (ft)	Elev. High (ft)	Potential to Occur within the ESL
<i>Cascadia nuttallii</i>	Nuttall's saxifrage	Saxifragaceae	2B.1	G4?	S1	None	None	May	North Coast coniferous forest	35	80	region (coastal Del Norte County and northern coastal Humboldt County)
<i>Castilleja ambigua</i> ssp. <i>ambigua</i>	johnny-nip	Orobanchaceae	4.2	G4T4	S3S4	None	None	Mar-Aug	Coastal bluff scrub, Coastal prairie, Coastal scrub, Marshes and swamps, Valley and foothill grassland, Vernal pools margins	0	435	Low: minor amount of suitable habitat is present or few to no occurrences recorded from the region (coastal Del Norte County and northern coastal Humboldt County) Low: minor amount of suitable habitat is present or few to no occurrences recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Castilleja litoralis</i>	Oregon coast paintbrush	Orobanchaceae	2B.2	G3	S3	None	None	Jun-Jul	Coastal bluff scrub, Coastal dunes, Coastal scrub	5	255	Moderate: suitable habitat is present and occurrences are recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Chrysosplenium gleichenioides</i>	Pacific golden saxifrage	Saxifragaceae	4.3	G5	S3	None	None	Feb-Jun (Jul)	North Coast coniferous forest, Riparian forest	10	455	High: suitable habitat is present and occurrences are recorded within 5 miles of ESL
<i>Coptis laciniata</i>	Oregon goldthread	Ranunculaceae	4.2	G4?	S3?	None	None	(Feb)/Mar-May (Sep-Nov)	Meadows and seeps, North Coast coniferous forest (streambanks)	0	1000	Low: minor amount of suitable habitat is present or few to no occurrences recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Discellum nudum</i>	naked flag moss	Dissectaceae	2B.2	G4G5	S1	None	None	N/A	Coastal bluff scrub (soil on clay banks)	10	50	Moderate: suitable habitat is present and occurrences are recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Eleocharis parvula</i>	small spikerush	Cyperaceae	4.3	G5	S3	None	None	(Apr)Jun-Aug (Sep)	Marshes and swamps	1	3020	None: no potential habitat present
<i>Empetrum nigrum</i>	black crowberry	Empetraceae	2B.2	G5	S1?	None	None	Apr-Jun	Coastal bluff scrub, Coastal prairie	3	200	Moderate: suitable habitat is present and occurrences are recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Erigeron caervinus</i>	Siskyou daisy	Asteraceae	4.3	G4	S4	None	None	Jun-Aug	Lower montane coniferous forest, Meadows and seeps	25	1900	None: no potential habitat present
<i>Eriogonum nudum</i> var. <i>parviflorum</i>	Del Norte buckwheat	Polygonaceae	2B.2	G5T2	S1	None	None	Jun-Aug Sep	Coastal bluff scrub, Coastal prairie	5	80	Moderate: suitable habitat is present and occurrences are recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Erysimum concinnum</i>	bluff wallflower	Brassicaceae	1B.2	G3	S2	None	None	Feb-Jul	Coastal bluff scrub, Coastal dunes, Coastal prairie	0	185	None: no potential habitat present
<i>Erythronium hendersonii</i>	Henderson's fawn lily	Liliaceae	2B.3	G4	S2	None	None	Apr-Jul	Lower montane coniferous forest	60	1600	None: no potential habitat present
<i>Erythronium howellii</i>	Howell's fawn lily	Liliaceae	1B.3	G3G4	S2	None	None	Apr-May	Lower montane coniferous forest, North Coast coniferous forest	120	1150	None: no potential habitat present
<i>Erythronium oregonum</i>	giant fawn lily	Liliaceae	2B.2	G4G5	S2	None	None	Mar-Jun (Jul)	Cismontane woodland, Meadows and seeps	100	1435	None: no potential habitat present
<i>Erythronium revolutum</i>	coast fawn lily	Liliaceae	2B.2	G4G5	S3	None	None	Mar-Jul (Aug)	Bogs and fens, Broadleaved upland forest, North Coast coniferous forest	0	1800	Moderate: suitable habitat is present and occurrences are recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Fissidens pauperculus</i>	minute pocket moss	Fissidentaceae	1B.2	G3?	S2	None	None	N/A	North Coast coniferous forest (damp coastal soil)	10	1024	High: suitable habitat is present and occurrences are recorded within 5 miles of ESL

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<i>Gilia capitata</i> ssp. <i>pacifica</i>	Pacific gilia	Polemoniaceae	1B.2	G573	S2	None	None	Apr-Aug	Coastal bluff scrub, Chaparral (openings), Coastal prairie, Valley and foothill grassland	5	1085	Low, minor amount of suitable habitat is present or few to no occurrences recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Hesperis-anopalisiflora</i> var. <i>brevifolia</i>	short-leaved evax	Asteraceae	1B.2	G473	S2	None	None	Mar-Jun	Coastal bluff scrub (sandy), coastal dunes, coastal prairies	0	840	None; no potential habitat present
<i>Hosackia gracilis</i>	harlequin lotus	Fabaceae	4.2	G304	S3	None	None	Mar-Jul	Broadleaved upland forest, Coastal bluff scrub, Closed-cone coniferous forest, Coniferous woodland, Coastal prairie, Marshes and swamps, North Coast coniferous forest, Valley and foothill grassland (wetlands, roadsides)	0	700	Low, minor amount of suitable habitat is present or few to no occurrences recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Ilama latibrachata</i>	California globe mallow	Malvaceae	1B.2	G203	S2	None	None	Jun-Aug	Chaparral (montane), Lower montane coniferous forest, North Coast coniferous forest (mesic), Riparian scrub (streambanks)	80	2000	Moderate, suitable habitat is present and occurrences are recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Iris thompsonii</i>	Thompson's iris	Iridaceae	4.3	G3	S3	None	None	(Mar-Apr) May-Jun (Jul-Aug)	Lower montane coniferous forest, North Coast coniferous forest	90	600	Low, minor amount of suitable habitat is present or few to no occurrences recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Kopslopsis hookeri</i>	small groundcone	Crobanthaceae	2B.3	G47	S1S2	None	None	Apr-Aug	North Coast coniferous forest	90	1435	Moderate, suitable habitat is present and occurrences are recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Lasthenia californica</i> ssp. <i>macrantha</i>	perennial goldfields	Asteraceae	1B.2	G372	S2	None	None	Jan-Nov	Coastal bluff scrub, Coastal dunes, Coastal scrub	5	520	None; no potential habitat present
<i>Lathyrus palustris</i>	marsh pea	Fabaceae	2B.2	G5	S2	None	None	Mar-Aug	Bogs and fens, Coastal prairie, Coastal scrub, Lower montane coniferous forest, Marshes and swamps, North Coast coniferous forest	1	140	Low, minor amount of suitable habitat is present or few to no occurrences recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Lilium kelloggii</i>	Kellogg's lily	Liliaceae	4.3	G3	S3	None	None	May-Aug	Lower montane coniferous forest, North Coast coniferous forest	3	1300	Low, minor amount of suitable habitat is present or few to no occurrences recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Lilium occidentale</i>	western lily	Liliaceae	1B.1	G1	S1	CE	FE	Jun-Jul	Bogs and fens, Coastal bluff scrub, Coastal prairie, Coastal scrub, Marshes and swamps (freshwater), North Coast coniferous forest (openings)	2	185	Low, minor amount of suitable habitat is present or few to no occurrences recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Lilium pardalinum</i> ssp. <i>vollmeri</i>	Vollmer's lily	Liliaceae	4.3	G574	S3	None	None	(Jun-Jul) Aug	Bogs and fens, Meadows and seeps (mesic)	30	1060	Low, minor amount of suitable habitat is present or few to no occurrences recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Listera cordata</i>	heart-leaved twayblade	Orchidaceae	4.2	G5	S4	None	None	Feb-Jul	Bogs and fens, Lower montane coniferous forest, North Coast coniferous forest	5	1370	High; suitable habitat is present and occurrences are recorded within 5 miles of ESL
<i>Lomatium marindalei</i>	Coast Range lomatium	Apiaceae	2B.3	G5	S2	None	None	May-Jun(Aug)	Coastal bluff scrub, Lower montane coniferous forest, Meadows and seeps	240	3000	Low, minor amount of suitable habitat is present or few to no occurrences recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Lycopodiella mundula</i>	mundated bog club-moss	Lycopodiaceae	2B.2	G5	S1?	None	None	Jun-Sep	Bogs and fens (coastal), Lower montane coniferous forest (mesic), Marshes and swamps (lake margins)	5	1000	Low, minor amount of suitable habitat is present or few to no occurrences recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Lycopodium clavatum</i>	running-pine	Lycopodiaceae	4.1	G5	S3	None	None	Jun-Aug(Sep)	Lower montane coniferous forest (mesic), Marshes and swamps, North Coast coniferous forest (mesic)	45	1225	Moderate, suitable habitat is present and occurrences are recorded from the region

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<i>Lysimachia europaea</i>	arctic starflower	Myrsinaceae	2B.2	G5	S1	None	None	Jun-Jul	Bogs and ferns, Meadows and seeps	0	15	None; no potential habitat present
<i>Mitella caulescens</i>	leafy-stemmed mitrewort	Saxifragaceae	4.2	G5	S4	None	None	(Mar)Apr-Oct	Broadleaved upland forest, Lower montane coniferous forest, Meadows and seeps, North Coast coniferous forest	5	1700	High: suitable habitat is present and occurrences are recorded within 5 miles of ESL
<i>Moneses uniflora</i>	woodnymph	Ericaceae	2B.2	G5	S2	None	None	May-Aug	Broadleaved upland forest, North Coast coniferous forest	50	1100	Moderate; suitable habitat is present and occurrences are recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Monobrya uniflora</i>	ghost-pipe	Ericaceae	2B.2	G5	S2	None	None	Jul-Aug(Sep)	Broadleaved upland forest, North Coast coniferous forest	10	855	High: suitable habitat is present and occurrences are recorded within 5 miles of ESL
<i>Montia howellii</i>	Howell's montia	Montiaceae	2B.2	G3G4	S2	None	None	(Jan-Feb)Mar-May	Meadows and seeps, North Coast coniferous forest, Vernal pools	0	1215	Low; minor amount of suitable habitat is present or few to no occurrences recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Oenothera wolfei</i>	Wolf's evening-primrose	Onagraceae	1B.1	G2	S1	None	None	May-Oct	Coastal bluff scrub, Coastal dunes, Coastal prairie, Lower montane coniferous forest	0	800	Moderate; suitable habitat is present and occurrences are recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Oxalis sulcatifolii</i>	Sulsdorf's wood-sorrel	Oxalidaceae	4.3	G4	S3	None	None	May-Aug	Broadleaved upland forest, North Coast coniferous forest	15	700	High: suitable habitat is present and occurrences are recorded within 5 miles of ESL
<i>Packera bolanderi</i> var. <i>bolanderi</i>	seacoast ragwort	Asteraceae	2B.2	G4T4	S2S3	None	None	(Jan-Apr)May-Jul(Aug)	Coastal scrub, North Coast coniferous forest	30	915	Low; minor amount of suitable habitat is present or few to no occurrences recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Piperia cantida</i>	white-flowered rein orchid	Orchidaceae	1B.2	G3	S3	None	None	(Mar)May-Sep	Broadleaved upland forest, Lower montane coniferous forest, North Coast coniferous forest	20	1615	Low; minor amount of suitable habitat is present or few to no occurrences recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Phycopus californicus</i>	California pinefoot	Ericaceae	4.2	G4G5	S4	None	None	(Mar-Apr)May-Aug	Broadleaved upland forest, Lower montane coniferous forest, North Coast coniferous forest, Upper montane coniferous forest	15	2225	High: suitable habitat is present and occurrences are recorded within 5 miles of ESL
<i>Pleurogogon refractus</i>	nodding semaphore grass	Poaceae	4.2	G4	S4	None	None	(Mar)Apr-Aug	Lower montane coniferous forest, Meadows and seeps, North Coast coniferous forest, Riparian forest	0	1800	High: suitable habitat is present and occurrences are recorded within 5 miles of ESL
<i>Polemonium carneum</i>	Oregon polemonium	Polemoniaceae	2B.2	G3G4	S2	None	None	Apr-Sep	Coastal prairie, Coastal scrub, Lower montane coniferous forest	0	1830	High: suitable habitat is present and occurrences are recorded within 5 miles of ESL
<i>Potamogeton foliosus</i> ssp. <i>fibrifolius</i>	fibrous pondweed	Potamogetonaceae	2B.3	G5T2T4	S1S2	None	None	unk	Marshes and swamps (assorted shallow freshwater)	5	1300	None; no potential habitat present
<i>Ramalina thrausta</i>	angel's hair lichen	Ramalinaceae	2B.1	G5	S2?	None	None	N/A	North Coast coniferous forest	75	490	Moderate; suitable habitat is present and occurrences are recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Ribes laxiflorum</i>	trailing black currant	Grossulariaceae	4.3	G5?	S3	None	None	Mar-Jul(Pug)	North Coast coniferous forest	5	1385	High: suitable habitat is present and occurrences are recorded within 5 miles of ESL
<i>Romanzoffia tracyi</i>	Tracy's romanzoffia	Hydrophyllaceae	2B.3	G4	S2	None	None	Mar-May	Coastal bluff scrub, Coastal scrub	15	30	None; no potential habitat present
<i>Sagittaria sanfordii</i>	Sanford's arrowhead	Alismaceae	1B.2	G3	S3	None	None	May-Oct(Nov)	Marsh and swamp, Wetland	0	605	None; no potential habitat present

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<i>Sanguisorba officinalis</i>	great burnet	Rosaceae	2B.2	G57	S2	None	None	Jul-Oct	Bog and fen, Broadleaved upland forest, Marsh and swamp, Meadow and seep, North Coast coniferous forest, Riparian forest, Ultramafic Wetland	60	1400	Low, minor amount of suitable habitat is present or few to no occurrences recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Sidalcea malacrinoides</i>	maple-leaved checkerbloom	Malvaceae	4.2	G3	S3	None	None	(Mar)Apr-Aug	Broadleaved upland forest, Coastal prairie, Coastal scrub, North Coast coniferous forest, Riparian wetland	0	785	High, suitable habitat is present and occurrences are recorded within 5 miles of ESL.
<i>Sidalcea maliflora</i> ssp. <i>patula</i>	Siskiyou checkerbloom	Malvaceae	1B.2	G5T2	S2	None	None	(Apr)May-Aug	Coastal bluff scrub, Coastal prairie, North Coast coniferous forest	5	1255	Moderate, suitable habitat is present and occurrences are recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Sidalcea oregana</i> ssp. <i>evirna</i>	coast checkerbloom	Malvaceae	1B.2	G5T1	S1	None	None	Jun-Aug	Lower montane coniferous forest, Meadow and seep, North Coast coniferous forest, Wetland	5	1805	Moderate, suitable habitat is present and occurrences are recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Silene scouleri</i> ssp. <i>scouleri</i>	Scouler's catchfly	Caryophyllaceae	2B.2	G5T4T5	S2S3	None	None	(Mar, May)Jun-Aug(Sep)	Coastal bluff scrub, Coastal prairie, Valley and foothill grassland	0	600	Low, minor amount of suitable habitat is present or few to no occurrences recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Tarella trifoliata</i> var. <i>trifoliata</i>	trifoliate laceflower	Saxifragaceae	3.2	G5T5	S2S3	None	None	(May)Jun-Aug	Lower montane coniferous forest, North Coast coniferous forest (edges, moist shady banks, streambanks)	170	1500	Moderate, suitable habitat is present and occurrences are recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Trichodon cylindricus</i>	cylindrical trichodon	Ditrichaceae	2B.2	G4	S2	None	None	N/A	Broadleaved upland forest, Meadows and seeps, Upper montane coniferous forest	50	2002	Moderate, suitable habitat is present and occurrences are recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Triquetrella californica</i>	coastal triquetrella	Pottiaceae	1B.2	G2	S2	None	None	N/A	Coastal bluff scrub, Coastal scrub	10	100	Moderate, suitable habitat is present and occurrences are recorded from the region (coastal Del Norte County and northern coastal Humboldt County)
<i>Usnea longissima</i>	Methuseah's beard lichen	Parmeliaceae	4.2	G4	S4	None	None	N/A	Broadleaved upland forest, North Coast coniferous forest	45	1485	High, suitable habitat is present and occurrences are recorded within 5 miles of ESL.
<i>Viola langsdorffii</i>	Langsdorf's violet	Violaceae	2B.1	G4	S1	None	None	May-Jul	Bog and fen, Wetland	2	10	None: no potential habitat present
<i>Viola palustris</i>	alpine marsh violet	Violaceae	2B.2	G5	S1S2	None	None	Mar-Aug	Bog and fen, Coastal scrub, Wetland	0	150	Low, minor amount of suitable habitat is present or few to no occurrences recorded from the region (coastal Del Norte County and northern coastal Humboldt County)

