

Appendix B. USFWS, NMFS, CNDDB, CNPS and CRPR Species List



NMFS Species List

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
Quad Name	Quad Number	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		
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											X
Crescent City	41124-G2	X										X	X	X											X
Fern Canyon	41124-D1	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										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						
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

1655 Heindon Road

Arcata, CA 95521-4573

Phone: (707) 822-7201 Fax: (707) 822-8411



In Reply Refer To:

September 04, 2019

Consultation Code: 08EACT00-2019-SLI-0504

Event Code: 08EACT00-2019-E-01197

Project Name: Last Chance Grade - Geotech Phase 2B

Subject: 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-0504

Event Code: 08EACT00-2019-E-01197

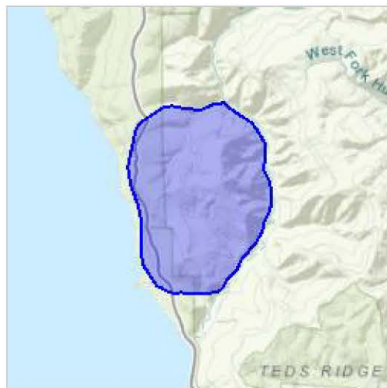
Project Name: Last Chance Grade - Geotech Phase 2B

Project Type: TRANSPORTATION

Project Description: Conduct geotech work to status soils and active landslide

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/41.631928970097135N124.09785426395138W>



Counties: Del Norte, CA

Endangered Species Act Species

There is a total of 8 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.

-
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

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



Selected Elements by Element Code
California Department of Fish and Wildlife
California Natural Diversity Database



Query Criteria: Quad< IS <(Crescent City (4112472)< OR <Hiouchi (4112471)<
< OR <Gasquet (4112378)< OR <Sister Rocks (4112462)<
< OR <Childs Hill (4112461)< OR <Cant Hook Mtn. (4112368)< OR <Requa (4112451)<
< OR <Klamath Glen (4112358)< OR <Fern Canyon (4112441)< OR <Ah Pah Ridge (4112348))< AND <Taxonomic Group< IS <(Fish< OR <Amphibians< OR <Reptiles< OR <Birds< OR <Mammals< OR <Mollusks< OR <Arachnids< OR <Crustaceans< OR <Insects)

Element Code	Species	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
AAAAD12050	<i>Plethodon elongatus</i> Del Norte salamander	None	None	G4	S3	WL
AAAAJ01020	<i>Rhyacotriton variegatus</i> southern torrent salamander	None	None	G3G4	S2S3	SSC
AAABA01010	<i>Ascaphus truei</i> Pacific tailed frog	None	None	G4	S3S4	SSC
AAABH01021	<i>Rana aurora</i> northern red-legged frog	None	None	G4	S3	SSC
AAABH01050	<i>Rana boylei</i> foothill yellow-legged frog	None	Candidate Threatened	G3	S3	SSC
ABNDC04010	<i>Oceanodroma furcata</i> fork-tailed storm-petrel	None	None	G5	S1	SSC
ABNFD01020	<i>Phalacrocorax auritus</i> double-crested cormorant	None	None	G5	S4	WL
ABNGA04010	<i>Ardea herodias</i> great blue heron	None	None	G5	S4	
ABNGA11010	<i>Nycticorax nycticorax</i> black-crowned night heron	None	None	G5	S4	
ABNJB05035	<i>Branta hutchinsii leucopareia</i> cackling (=Aleutian Canada) goose	Delisted	None	G5T3	S3	WL
ABNKC01010	<i>Pandion haliaetus</i> osprey	None	None	G5	S4	WL
ABNKC06010	<i>Elanus leucurus</i> white-tailed kite	None	None	G5	S3S4	FP
ABNKC10010	<i>Haliaeetus leucocephalus</i> bald eagle	Delisted	Endangered	G5	S3	FP
ABNKC11011	<i>Circus hudsonius</i> northern harrier	None	None	G5	S3	SSC
ABNLC11010	<i>Bonasa umbellus</i> ruffed grouse	None	None	G5	S3S4	WL
ABNNB03031	<i>Charadrius alexandrinus nivosus</i> western snowy plover	Threatened	None	G3T3	S2S3	SSC
ABNNN06010	<i>Brachyramphus marmoratus</i> marbled murrelet	Threatened	Endangered	G3G4	S1	



Selected Elements by Element Code
California Department of Fish and Wildlife
California Natural Diversity Database



Element Code	Species	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
ABNNN11010	<i>Cerorhinca monocerata</i> rhinoceros auklet	None	None	G5	S3	WL
ABNNN12010	<i>Fratercula cirrhata</i> tufted puffin	None	None	G5	S1S2	SSC
ABNUA01010	<i>Cypseloides niger</i> black swift	None	None	G4	S2	SSC
AFC4E02153	<i>Cottus klamathensis polyporus</i> Lower Klamath marbled sculpin	None	None	G4T2T4	S2S4	SSC
AFCHA0208A	<i>Oncorhynchus clarkii clarkii</i> coast cutthroat trout	None	None	G4T4	S3	SSC
AFCHA0213B	<i>Oncorhynchus mykiss irideus pop. 36</i> summer-run steelhead trout	None	None	G5T4Q	S2	SSC
AFCHB03010	<i>Spirinchus thaleichthys</i> longfin smelt	Candidate	Threatened	G5	S1	
AFCHB04010	<i>Thaleichthys pacificus</i> eulachon	Threatened	None	G5	S3	
AFCQN04010	<i>Eucyclogobius newberryi</i> tidewater goby	Endangered	None	G3	S3	SSC
AMACC01020	<i>Myotis yumanensis</i> Yuma myotis	None	None	G5	S4	
AMACC01070	<i>Myotis evotis</i> long-eared myotis	None	None	G5	S3	
AMACC01090	<i>Myotis thysanodes</i> fringed myotis	None	None	G4	S3	
AMACC02010	<i>Lasionycteris noctivagans</i> silver-haired bat	None	None	G5	S3S4	
AMACC08010	<i>Corynorhinus townsendii</i> Townsend's big-eared bat	None	None	G3G4	S2	SSC
AMAF01017	<i>Aplodontia rufa humboldtiana</i> Humboldt mountain beaver	None	None	G5TNR	SNR	
AMAFF23030	<i>Arborimus pomo</i> Sonoma tree vole	None	None	G3	S3	SSC
AMAFJ01010	<i>Erethizon dorsatum</i> North American porcupine	None	None	G5	S3	
AMAJC03010	<i>Eumetopias jubatus</i> Steller (=northern) sea-lion	Delisted	None	G3	S2	
AMAJF01012	<i>Martes caurina humboldtensis</i> Humboldt marten	None	Endangered	G5T1	S1	SSC
AMAJF01021	<i>Pekania pennanti</i> fisher - West Coast DPS	None	Threatened	G5T2T3Q	S2S3	SSC
ARAAD02030	<i>Emys marmorata</i> western pond turtle	None	None	G3G4	S3	SSC



Selected Elements by Element Code
California Department of Fish and Wildlife
California Natural Diversity Database



Element Code	Species	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
IIHYM24250	<i>Bombus occidentalis</i> western bumble bee	None	None	G2G3	S1	
IIHYM24380	<i>Bombus caliginosus</i> obscure bumble bee	None	None	G4?	S1S2	
IILEP66030	<i>Polites mardon</i> mardon skipper	None	None	G2G3	S1	
IILEPJ6087	<i>Speyeria zerene hippolyta</i> Oregon silverspot butterfly	Threatened	None	G5T1	S1	
IILEPN6035	<i>Coenonympha tullia yontockett</i> Yontockett satyr	None	None	G5T1T2	S1	
IITRI15020	<i>Limnephilus atercus</i> Fort Dick limnephilus caddisfly	None	None	G3G4	S1	
IMBIV27020	<i>Margaritifera falcata</i> western pearlshell	None	None	G4G5	S1S2	
IMGASC7032	<i>Monadenia fidelis pronotis</i> rocky coast Pacific sideband	None	None	G4G5T1	S1	
IMGASK4180	<i>Juga chacei</i> Chace juga	None	None	G1	S1	

Record Count: 47



Selected Elements by Scientific Name
California Department of Fish and Wildlife
California Natural Diversity Database



Query Criteria: Quad< IS <(Crescent City (4112472)< OR <Hiouchi (4112471)< OR <Gasquet (4112378)< OR <Sister Rocks (4112462)< OR <Childs Hill (4112461)< OR <Cant Hook Mtn. (4112368)< OR <Requa (4112451)< OR <Klamath Glen (4112358)< OR <Fern Canyon (4112441)< OR <Ah Pah Ridge (4112348))< AND <Taxonomic Group< IS <(Dune< OR <Scrub< OR <Herbaceous< OR <Marsh< OR <Riparian< OR <Woodland< OR <Forest< OR <Alpine< OR <Inland Waters< OR <Marine< OR <Estuarine< OR <Riverine< OR <Palustrine< OR <Ferns< OR <Gymnosperms< OR <Monocots< OR <Dicots< OR <Lichens< OR <Bryophytes< OR <Fungi)

Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
<i>Abronia umbellata</i> var. <i>breviflora</i> pink sand-verbena	PDNYC010N4	None	None	G4G5T2	S2	1B.1
<i>Anthoxanthum nitens</i> ssp. <i>nitens</i> vanilla-grass	PMPOA0F041	None	None	G5	S2	2B.3
<i>Arabis mcdonaldiana</i> McDonald's rockcress	PDBRA06150	Endangered	Endangered	G3	S3	1B.1
<i>Asplenium trichomanes</i> ssp. <i>trichomanes</i> maidenhair spleenwort	PPASP021K2	None	None	G5T5	S1	2B.1
<i>Boechera koehleri</i> Koehler's stipitate rockcress	PDBRA060Z0	None	None	G3G4	S3	1B.3
<i>Bryoria spirallifera</i> twisted horsehair lichen	NLTEST5460	None	None	G3	S1S2	1B.1
<i>Calamagrostis crassiglumis</i> Thurber's reed grass	PMPOA17070	None	None	G3Q	S2	2B.1
<i>Calamagrostis foliosa</i> leafy reed grass	PMPOA170C0	None	Rare	G3	S3	4.2
<i>Calicium adspersum</i> spiral-spored gilded-head pin lichen	NLT0005640	None	None	G3G4	S1?	2B.2
<i>Calystegia atriplicifolia</i> ssp. <i>buttensis</i> Butte County morning-glory	PDCON04012	None	None	G5T3	S3	4.2
<i>Cardamine angulata</i> seaside bittercress	PDBRA0K010	None	None	G4G5	S3	2B.1
<i>Cardamine nuttallii</i> var. <i>gemmata</i> yellow-tubered toothwort	PDBRA0K0R3	None	None	G5T3Q	S2	3.3
<i>Carex arcta</i> northern clustered sedge	PMCYP030X0	None	None	G5	S1	2B.2
<i>Carex lenticularis</i> var. <i>limnophila</i> lagoon sedge	PMCYP037A7	None	None	G5T5	S1	2B.2
<i>Carex leptalea</i> bristle-stalked sedge	PMCYP037E0	None	None	G5	S1	2B.2
<i>Carex lyngbyei</i> Lyngbye's sedge	PMCYP037Y0	None	None	G5	S3	2B.2



Selected Elements by Scientific Name
California Department of Fish and Wildlife
California Natural Diversity Database



Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
Carex praticola northern meadow sedge	PMCYP03B20	None	None	G5	S2	2B.2
Carex serpenticola serpentine sedge	PMCYP03KM0	None	None	G4	S3	2B.3
Carex viridula ssp. viridula green yellow sedge	PMCYP03EM5	None	None	G5T5	S2	2B.3
Cascadia nuttallii Nuttall's saxifrage	PDSAX0U160	None	None	G4?	S1	2B.1
Castilleja elata Siskiyou paintbrush	PDSCR0D213	None	None	G3	S2S3	2B.2
Castilleja litoralis Oregon coast paintbrush	PDSCR0D012	None	None	G3	S3	2B.2
Coastal and Valley Freshwater Marsh Coastal and Valley Freshwater Marsh	CTT52410CA	None	None	G3	S2.1	
Coastal Brackish Marsh Coastal Brackish Marsh	CTT52200CA	None	None	G2	S2.1	
Cochlearia groenlandica Greenland cochlearia	PDBRA0S020	None	None	G4	S1	2B.3
Coptis laciniata Oregon goldthread	PDRAN0A020	None	None	G4?	S3?	4.2
Darlingtonia Seep Darlingtonia Seep	CTT51120CA	None	None	G4	S3.2	
Discelium nudum naked flag moss	NBMUS2E010	None	None	G4G5	S1	2B.2
Downingia willamettensis Cascade downingia	PDCAM060E0	None	None	G4	S2	2B.2
Empetrum nigrum black crowberry	PDEMP03020	None	None	G5	S1?	2B.2
Eriogonum nudum var. paralinum Del Norte buckwheat	PDPGN08498	None	None	G5T2	S1	2B.2
Eriogonum pendulum Waldo wild buckwheat	PDPGN084Q0	None	None	G4	S2S3	2B.2
Erysimum concinnum bluff wallflower	PDBRA160E3	None	None	G3	S2	1B.2
Erythronium hendersonii Henderson's fawn lily	PMLIL0U070	None	None	G4	S2	2B.3
Erythronium howellii Howell's fawn lily	PMLIL0U080	None	None	G3G4	S2	1B.3
Erythronium oregonum giant fawn lily	PMLIL0U0C0	None	None	G4G5	S2	2B.2
Erythronium revolutum coast fawn lily	PMLIL0U0F0	None	None	G4G5	S3	2B.2



Selected Elements by Scientific Name
California Department of Fish and Wildlife
California Natural Diversity Database



Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
<i>Fissidens pauperculus</i> minute pocket moss	NBMUS2W0U0	None	None	G3?	S2	1B.2
<i>Gentiana setigera</i> Mendocino gentian	PDGEN060S0	None	None	G2	S2	1B.2
<i>Gilia capitata</i> ssp. <i>pacifica</i> Pacific gilia	PDPLM040B6	None	None	G5T3	S2	1B.2
<i>Gilia millefoliata</i> dark-eyed gilia	PDPLM04130	None	None	G2	S2	1B.2
<i>Hesperervax sparsiflora</i> var. <i>brevifolia</i> short-leaved evax	PDASTE5011	None	None	G4T3	S2	1B.2
<i>Iliamna latibracteata</i> California globe mallow	PDMAL0K040	None	None	G2G3	S2	1B.2
<i>Kopsiopsis hookeri</i> small groundcone	PDORO01010	None	None	G4?	S1S2	2B.3
<i>Lasthenia californica</i> ssp. <i>macrantha</i> perennial goldfields	PDAST5L0C5	None	None	G3T2	S2	1B.2
<i>Lathyrus japonicus</i> seaside pea	PDFAB250C0	None	None	G5	S2	2B.1
<i>Lathyrus palustris</i> marsh pea	PDFAB250P0	None	None	G5	S2	2B.2
<i>Lewisia oppositifolia</i> opposite-leaved lewisia	PDPOR040B0	None	None	G3	S2	2B.2
<i>Lilium occidentale</i> western lily	PMLIL1A0G0	Endangered	Endangered	G1	S1	1B.1
<i>Lomatium martindalei</i> Coast Range lomatium	PDAP11B140	None	None	G5	S2	2B.3
<i>Lysimachia europaea</i> arctic starflower	PDPRI0A020	None	None	G5	S1	2B.2
<i>Mitellastra caulescens</i> leafy-stemmed mitrewort	PDSAX0N020	None	None	G5	S4	4.2
<i>Moneses uniflora</i> woodnymph	PDPYR02010	None	None	G5	S2	2B.2
<i>Monotropa uniflora</i> ghost-pipe	PDMON03030	None	None	G5	S2	2B.2
<i>Northern Coastal Salt Marsh</i> Northern Coastal Salt Marsh	CTT52110CA	None	None	G3	S3.2	
<i>Oenothera wolfii</i> Wolf's evening-primrose	PDONA0C1K0	None	None	G2	S1	1B.1
<i>Packera bolanderi</i> var. <i>bolanderi</i> seacoast ragwort	PDAST8H0H1	None	None	G4T4	S2S3	2B.2
<i>Packera hesperia</i> western ragwort	PDAST8H1L0	None	None	G3	S1	2B.2



Selected Elements by Scientific Name
California Department of Fish and Wildlife
California Natural Diversity Database



Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
<i>Phacelia argentea</i> sand dune phacelia	PDHYD0C070	None	None	G2	S1	1B.1
<i>Pinguicula macroceras</i> horned butterwort	PDLNT01040	None	None	G4	S2	2B.2
<i>Piperia candida</i> white-flowered rein orchid	PMORC1X050	None	None	G3	S3	1B.2
<i>Polemonium carneum</i> Oregon polemonium	PDPLM0E050	None	None	G3G4	S2	2B.2
<i>Potamogeton foliosus ssp. fibrillosus</i> fibrous pondweed	PMPOT030B1	None	None	G5T2T4	S1S2	2B.3
<i>Prosartes parvifolia</i> Siskiyou bells	PMLIL0R014	None	None	G2	S1S2	1B.2
<i>Pyrrocoma racemosa var. congesta</i> Del Norte pyrrocoma	PDASTDT0F4	None	None	G5T4	S2	2B.3
<i>Ramalina thrausta</i> angel's hair lichen	NLLEC3S340	None	None	G5	S2?	2B.1
<i>Romanzoffia tracyi</i> Tracy's romanzoffia	PDHYD0E030	None	None	G4	S2	2B.3
<i>Rosa gymnocarpa var. serpentina</i> Gasquet rose	PDROS1J1V1	None	None	G5T3T4	S2	1B.3
<i>Sabulina howellii</i> Howell's sandwort	PDCAR0G0F0	None	None	G4	S3	1B.3
<i>Sagittaria sanfordii</i> Sanford's arrowhead	PMALI040Q0	None	None	G3	S3	1B.2
<i>Sanguisorba officinalis</i> great burnet	PDROS1L060	None	None	G5?	S2	2B.2
<i>Sedum citrinum</i> Blue Creek stonecrop	PDCRA0A200	None	None	G2	S2	1B.2
<i>Sidalcea malachroides</i> maple-leaved checkerbloom	PDMAL110E0	None	None	G3	S3	4.2
<i>Sidalcea malviflora ssp. patula</i> Siskiyou checkerbloom	PDMAL110F9	None	None	G5T2	S2	1B.2
<i>Sidalcea oregana ssp. eximia</i> coast checkerbloom	PDMAL110K9	None	None	G5T1	S1	1B.2
<i>Silene scouleri ssp. scouleri</i> Scouler's catchfly	PDCAR0U1MC	None	None	G5T4T5	S2S3	2B.2
<i>Silene serpenticola</i> serpentine catchfly	PDCAR0U2B0	None	None	G3	S3	1B.2
<i>Streptanthus howellii</i> Howell's jewelflower	PDBRA2G0N0	None	None	G2G3	S2	1B.2
<i>Thermopsis robusta</i> robust false lupine	PDFAB3Z0D0	None	None	G2	S2	1B.2



Selected Elements by Scientific Name
California Department of Fish and Wildlife
California Natural Diversity Database



Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
<i>Triquetrella californica</i> coastal triquetrella	NBMUS7S010	None	None	G2	S2	1B.2
<i>Usnea longissima</i> Methuselah's beard lichen	NLLEC5P420	None	None	G4	S4	4.2
<i>Vaccinium scoparium</i> little-leaved huckleberry	PDERI180Y0	None	None	G5	S3	2B.2
<i>Viola langsdorffii</i> Langsdorf's violet	PDVIO04100	None	None	G4	S1	2B.1
<i>Viola palustris</i> alpine marsh violet	PDVIO041G0	None	None	G5	S1S2	2B.2
<i>Viola primulifolia</i> ssp. <i>occidentalis</i> western white bog violet	PDVIO040Y2	None	None	G5T2	S2	1B.2

Record Count: 85



*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](#)

Search Criteria

Found in Quads 4112472, 4112471, 4112378, 4112462, 4112461, 4112368, 4112451, 4112358 4112441 and 4112348;

[Modify Search Criteria](#) [Export to Excel](#) [Modify Columns](#) [Modify Sort](#) [Display Photos](#)

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 nortensis	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 spiralifera	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 adpersum</u>	spiral-spored guilded-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 lyngbyei</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	Diseliaceae	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>Hesperevax 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

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

Suggested Citation

California Native Plant Society, Rare Plant Program. 2019. Inventory of Rare and Endangered Plants of California (online edition, v8-03 0.39). Website <http://www.rareplants.cnps.org> [accessed 17 June 2019].

Search the Inventory[Simple Search](#)[Advanced Search](#)[Glossary](#)**Information**[About the Inventory](#)[About the Rare Plant Program](#)[CNPS Home Page](#)[About CNPS](#)[Join CNPS](#)**Contributors**[The Calflora Database](#)[The California Lichen Society](#)[California Natural Diversity Database](#)[The Jepson Flora Project](#)[The Consortium of California Herbaria](#)[CalPhotos](#)**Questions and Comments**rareplants@cnps.org

© Copyright 2010-2018 California Native Plant Society. All rights reserved.

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	25.3	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	25.1	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 spirallifera</i>	twisted horsehair lichen	Parmeliaceae	15.1	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	25.1	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>Calicium adpersum</i>	spiral-spored gilled-head pin lichen	Caliciaceae	25.2	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 angulata</i>	seaside bittercress	Brassicaceae	25.1	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 acuta</i>	northern clustered sedge	Cyperaceae	25.2	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 buxbaumii</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	25.2	G5	S1	None	None	Mar-Jul	Bog and fen, Freshwater marsh, Marsh and swamp, Meadow and seep, Wetland	0	1395	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	25.2	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	15.2	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	25.3	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

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
												region (coastal Del Norte County and northern coastal Humboldt County)
<i>Cascadia nuttallii</i>	Nuttall's saxifrage	Saxifragaceae	2B.1	G4?	S1	None	None	May	North Coast coniferous forest	35	80	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 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)
<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>Chrysopsisium glechonifolium</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>Discozelum nudum</i>	naked flag moss	Discozelaceae	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 spikegrass	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 cernuus</i>	Siskiyou 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>paralinum</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	1800	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

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>Gilia capitata</i> ssp. <i>pacifica</i>	Pacific gilia	Polemoniaceae	1B.2	G5T3	S2	None	None	Apr-Aug	Coastal bluff scrub, Chaparral (openings), Coastal prairie, Valley and foothill grassland	5	1665	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>Hesperisax sparsiflora</i> var. <i>brevifolia</i>	short-leaved evax	Asteraceae	1B.2	G4T3	S2	None	None	Mar-Jun	Coastal bluff scrub (sandy), coastal dunes, coastal prairies	0	640	None: no potential habitat present
<i>Hoackia gracilis</i>	harlequin lotus	Fabaceae	4.2	G3G4	S3	None	None	Mar-Jul	Broadleaved upland forest, Coastal bluff scrub, Closed-cone coniferous forest, Montane 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 latibracteata</i>	California globe mallow	Malvaceae	1B.2	G2G3	S2	None	None	Jun-Aug	Chaparral (montane), Lower montane coniferous forest, North Coast coniferous forest (mesic), Riparian scrub (streambanks)	60	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) Max-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	Orobanchaceae	2B.3	G4?	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	G3T2	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>vulneri</i>	Vulmer's lily	Liliaceae	4.3	G5T4	S3	None	None	(Jun-Jul) Aug	Bogs and fens, Meadows and seeps (mesic)	30	1660	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 maritima</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>	inundated 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

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>Lysimachia europaea</i>	arctic starflower	Myrsinaceae	2B.2	G5	S1	None	None	Jun-Jul	Bogs and fens, 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	Broadleafed 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	Broadleafed 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>Monotropa uniflora</i>	ghost-pipe	Ericaceae	2B.2	G5	S2	None	None	Jun-Aug(Sep)	Broadleafed 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 wolffii</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 suksdorfii</i>	Suksdorf's wood-sorrel	Oxalidaceae	4.3	G4	S3	None	None	May-Aug	Broadleafed 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 candida</i>	white-flowered rein orchid	Orchidaceae	1B.2	G3	S3	None	None	(Mar)May-Sep	Broadleafed 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 pinfoot	Ericaceae	4.2	G4G5	S4	None	None	(Mar-Apr)May-Aug	Broadleafed 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>Pleuropogon 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	1600	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>fertilissus</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	430	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(Aug)	North Coast coniferous forest	5	1395	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	Alismataceae	1B.2	G3	S3	None	None	May-Oct(Nov)	Marsh and swamp, Wetland	0	605	None: no potential habitat present

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>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	1420	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 malachroides</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 woodland	0	765	High: suitable habitat is present and occurrences are recorded within 5 miles of ESL
<i>Sidalcea malviflora</i> ssp. <i>patula</i>	Siskiyou checkerbloom	Malvaceae	1B.2	G572	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>eximia</i>	coast checkerbloom	Malvaceae	1B.2	G571	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	G57475	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>Tiarella trifoliata</i> var. <i>trifoliata</i>	trifoliate laceflower	Saxifragaceae	3.2	G575	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>	Methuselah's beard lichen	Parmeliaceae	4.2	G4	S4	None	None	N/A	Broadleaved upland forest, North Coast coniferous forest	45	1465	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)

