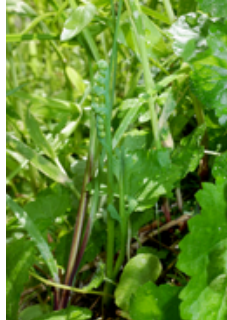


Report for *Botrychium montanum*

TAXON DETAILS



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Industries

Classification

Scientific Name
Common Name
Family
Element Code
USDA Plants Symbol
Synonyms/Other Names

Botrychium montanum W. Wagner
western goblin
Ophioglossaceae
PPOPH010K0
BOMO

Conservation Status

California Rare Plant Rank	2B.1
Global Rank	G3G4
State Rank	S2
CESA	None
FESA	None
Other Status	USFS_S
CRPR Changes	changed from 2.1 to 2B.1 on 2013-06-12
Date Added	1994-01-01
Last Update	2022-08-02

Ecology and Life History

Lifeform	perennial rhizomatous herb
Blooming Period	Jul-Sep
Elevation m (ft)	1465-2180 (4805-7155)
General Habitats	Lower montane coniferous forest, Meadows and seeps, Upper montane coniferous forest
Microhabitat Details	
Microhabitat	Mesic

Threat List Data from the CNDDDB

Threat List Total:		12
	Total EOs	Percent EOs
EOs with Threats Listed	50	72%
Threat List:		
Logging	25	36%
Grazing	19	27%
Foot traffic/trampling	10	14%
Other	6	8%
Road/trail construction/maint.	6	8%
Altered flood/tidal/hydrologic regime	5	7%
Surface water diversion	4	5%
Non-native plant impacts	3	4%
ORV activity	3	4%
Recreational use (non-ORV)	2	2%
Erosion/runoff	1	1%
Wood cutting or brush clearing	1	1%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	69
Element Occurrence Ranks:	
Excellent (A)	6
Good (B)	17
Fair (C)	13
Poor (D)	4
None (X)	1
Unknown (U)	28
Occurrence Status	
Historical, > 20 years	5
Recent, < 20 years	64
Presence	
Presumed Extant	68
Possibly Extirpated	0
Presumed Extirpated	1

Location

California Endemic	No
Counties	
Amador (AMA), Butte (BUT), El Dorado (ELD), Fresno (FRE), Lassen (LAS), Madera (MAD), Modoc (MOD), Plumas (PLU), Shasta (SHA), Sierra (SIE), Siskiyou (SIS), Tehama (TEH), Trinity (TRI), Tuolumne (TUO)	
States	
Alaska (AK), California (CA), Idaho (ID), Montana (MT), Oregon (OR), Washington (WA)	

Quads

Antelope Mtn. (4012058), Bear River Reservoir (3812052), Belden (4012113), Boards Crossing (3812032), Davis Creek (4112063), Fredonyer Pass (4012037), Grays Peak (4012146), Homewood (3912012), Humboldt Peak (4012124), Jonesville (4012114), Kaiser Peak (3711932), Kimshe Point (3912184), Kyburz (3812073), La Porte (3912068), Lassen Peak (4012145), Leek Spring Hill (3812063), Little Shuteye Peak (3711944), Loon Lake (3812083), Mineral (4012135), Mt. Harkness (4012143), Mt. Henry (3711827), Mumbo Basin (4112225), Pegleg Mtn. (4012048), Red Cinder (4012142), Roop Mountain (4012047), Sattley (3912054), Swain Mountain (4012141), Tragedy Spring (3812062), Viola (4012156), West Haight Mtn. (4112251), Westwood West (4012131)

Notes

Definitions of codes preceding a county and/or quad:

* Presumed extirpated

(*) Possibly extirpated

Species may be present in other areas where conditions are favorable. These data should NOT be substituted for pre-project review or for on-site surveys.

Notes

Potentially threatened by vehicles, road deconstruction, and logging. Possibly threatened by habitat loss, grazing, trampling, foot traffic, and hydrological alterations. Endangered in OR. See *American Fern Journal* 71(1):29 (1981) for original description, and *Madroño* 36(2):131-136 (1989) for first CA records.

Threats

Taxononmy

Selected References

Suggested Citation

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 25 April 2024].