

Report for *Botrychium paradoxum*

TAXON DETAILS



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Classification

Scientific Name	<i>Botrychium paradoxum</i> W.H. Wagner
Common Name	paradox moonwort
Family	Ophioglossaceae
Element Code	PPOPH010J0
USDA Plants Symbol	<u>BOPA9</u>
Synonyms/Other Names	

Conservation Status

California Rare Plant Rank	2B.1
Global Rank	G3G4
State Rank	S1
CESA	None
FESA	None
Other Status	USFS_S
CRPR Changes	changed from 2.1 to 2B.1 on 2013-06-12 added to 2.1 on 2012-03-05
Date Added	2012-03-05
Last Update	2023-06-06

Ecology and Life History

Lifeform	perennial rhizomatous herb
Blooming Period	Aug
Elevation m (ft)	1740-4200 (5710-13780)
General Habitats	Alpine boulder and rock field (limestone, marble), Upper montane coniferous forest (moist)
Microhabitat Details	
Microhabitat	

Threat List Data from the CNDDDB

Threat List Total:		0
	Total EOs	Percent EOs
EOs with Threats Listed	0	%
Threat List:		

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	2
Element Occurrence Ranks:	
Excellent (A)	0
Good (B)	0
Fair (C)	0
Poor (D)	0
None (X)	0
Unknown (U)	2
Occurrence Status	
Historical, > 20 years	0
Recent, < 20 years	2
Presence	
Presumed Extant	2
Possibly Extirpated	0
Presumed Extirpated	0

Location

California Endemic	No
Counties	
Madera (MAD), Mariposa (MPA), Tuolumne (TUO)	
States	
California (CA), Colorado (CO), Idaho (ID), Montana (MT), Oregon (OR), Utah (UT), Washington (WA), Wyoming (WY)	
Quads	
Dunderberg Peak (3811913), Vogelsang Peak (3711973)	

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

Discovered in CA by Alison Colwell in the vicinity of Yosemite NP. Potentially threatened by hydrological alterations caused by logging activities. Easy to identify due to two nearly identical sporophores and no trophophore; other *Botrychium* spp. will occasionally produce a spore-bearing trophophore, but the two leaf segments are generally not identical. Not in *The Jepson Manual* (1993). See *American Fern Journal* 71(1):20-30 (1981) for original description, and 85(4):375-394 (1995) for taxonomic treatment.

Threats

Taxononmy

Selected References

CNPS Status Review: Proposed Addition to Rank 2.1, G3G4 / S1 (2012)

Suggested Citation

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 27 April 2024].