

Report for *Botrychium pinnatum*

TAXON DETAILS



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Classification

Scientific Name	<i>Botrychium pinnatum</i> St. John
Common Name	northwestern moonwort
Family	Ophioglossaceae
Element Code	PPOPH010V0
USDA Plants Symbol	<u>BOPI</u>
Synonyms/Other Names	

Conservation Status

California Rare Plant Rank	2B.3
Global Rank	G5
State Rank	S2
CESA	None
FESA	None
Other Status	USFS_S
CRPR Changes	changed from 2.3 to 2B.3 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-Oct
Elevation m (ft)	1770-2040 (5805-6695)
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:		8
	Total EOs	Percent EOs
EOs with Threats Listed	5	63%
Threat List:		
Grazing	3	37%
Logging	2	25%
Other	1	12%
Recreational use (non-ORV)	1	12%
Road/trail construction/maint.	1	12%
Development	1	12%
Erosion/runoff	1	12%
Foot traffic/trampling	1	12%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	8
Element Occurrence Ranks:	
Excellent (A)	0
Good (B)	3
Fair (C)	1
Poor (D)	2
None (X)	0
Unknown (U)	2
Occurrence Status	
Historical, > 20 years	3
Recent, < 20 years	5
Presence	
Presumed Extant	8
Possibly Extirpated	0
Presumed Extirpated	0

Location

California Endemic	No
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Counties

Lassen (LAS), Modoc (MOD), Plumas (PLU), Shasta (SHA), Siskiyou (SIS)

States

Alaska (AK), Arizona (AZ), California (CA), Colorado (CO), Idaho (ID), Montana (MT), Nevada (NV), Oregon (OR), Utah (UT), Washington (WA), Wyoming (WY)

Quads

Ash Creek Butte (4112241), Davis Creek (4112063), Etna (4112248), Grays Peak (4012146), McCloud (4112232), Mt. Harkness (4012143), Swain Mountain (4012141)

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

Threatened by trampling and grazing. Threatened in ID, endangered in OR, and state-listed as Sensitive in WA. See *American Fern Journal* 19:11 (1929) for original description.

Threats

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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 16 May 2024].