

PLANT DETAIL



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Classification

Scientific Name	<i>Botrychium minganense</i> Victorin
Common Name	Mingan moonwort
Family	Ophioglossaceae
Element Code Name	PPOPH010R0
USDA Plants Symbol	BOMI
Synonyms/Other Names	

Conservation Status

California Rare Plant Rank	2B.2
Global Rank	G4G5
State Rank	S3
CESA	None
FESA	None
Other Status	USFS_S
CRPR Changes	changed from 2.2 to 2B.2 on 2013-06-12
Date Added	1/1/1994
Last Change	8/25/2021

Ecology and Life History

Lifeform	perennial rhizomatous herb
Blooming Period	Jul-Sep
Elevation: m (ft)	1455-2180 (4775-7155)
General Habitat	Bogs and fens, Lower montane coniferous forest, Meadows and seeps (edges), Upper montane coniferous forest

General MicroHabitat

Micro Habitat

Mesic

Element Occurrence Data from California Natural Diversity Database**Total Element Occurrences** 161**Element Occurrence Ranks**

Excellent (A)	11
Good (B)	48
Fair (C)	22
Poor (D)	11
None (X)	1
Unknown (U)	68

Occurrence Status

Historical, > 20 years	14
Recent, < 20 years	147

Presence

Presumed Extant	160
Possibly Extirpated	1
Presumed Extirpated	0

Location**CA Endemic** No**Counties**

Amador (AMA), Butte (BUT), Calaveras (CAL), El Dorado (ELD), Fresno (FRE), Lassen (LAS), Madera (MAD), Modoc (MOD), Mono (MNO), Nevada (NEV), Placer (PLA), Plumas (PLU), Shasta (SHA), Sierra (SIE), Siskiyou (SIS), Tehama (TEH), Trinity (TRI), Tulare (TUL), Tuolumne (TULO)

States

Alaska (AK), Arizona (AZ), California (CA), Colorado (CO), Idaho (ID), Maine (ME), Michigan (MI), Minnesota (MN), Montana (MT), Nevada (NV), New Hampshire (NH), North Dakota (ND), Oregon (OR), South Dakota (SD), Utah (UT), Vermont (VT)*, Washington (WA), Wisconsin (WI), Wyoming (WY)

Quads

Antelope Mtn. (4012058), Barkley Mtn. (4012126), Bear River Reservoir (3812052), Belden (4012113), Blairsden (3912075), Boards Crossing (3812032), Bunker Hill (3912014), Butte Meadows (4012115), Calaveras Dome (3812042), Canyondam (4012121), Caples Lake (3812061), Cascade (3912162), Cherry Lake North (3811918), Convict Lake (3711857), Crocker Mtn. (3912084), Diamond Mtn. (4012036), Duncan Peak (3912025), Dunderberg Peak (3811913), Emerald Bay (3812081), Emigrant Lake (3811926), Fredonyer Pass (4012037), Grays Peak (4012146), Grizzly Valley (3912085), Hatchet Mtn. Pass (4012177), Haypress Valley (3912055), Hobart Mills (3912042), Hull Creek (3812011), Humboldt Peak (4012124), Humbug Valley (4012123), Independence Lake (3912043), Jonesville (4012114), Kaiser Peak (3711932), Kimshew Point (3912184), Kyburz (3812073), La Porte (3912068), Lassen Peak (4012145), Leek Spring Hill (3812063), Liberty Hill (3812031), Little Shuteye Peak (3711944), Lodgepole (3611856), Loon Lake (3812083), Lyonsville (4012136), Martis Peak (3912031), Meeks Bay (3912011), Miller Mtn. (4012167), Mineral (4012135), Moses Mtn. (3611836), Mt. Harkness (4012143), Mt. Silliman (3611866), Mumbo Basin (4112225), Norden (3912033), North Palisade (3711815), Onion Valley (3912078), Peddler Hill (3812053), Pegleg Mtn. (4012048), Red Cinder (4012142), Riverton (3812074), Robbs Peak (3812084), Roop Mountain (4012047), Sattley (3912054), Seven Lakes Basin (4112224), Shields Creek (4112043), Silver City (3611846), Skunk Ridge (4112117), Soapstone Hill (3912173), South Lake Tahoe (3811988), Sphinx Lakes (3611865), Swain Mountain (4012141), Tahoe City (3912022), Tamarack (3812041), Tangle Blue Lake (4112226), Templeton Mtn. (3611832), Tioga Pass (3711983), Tragedy Spring (3812062), Triple Divide Peak (3611855), Viola (4012156), West Haight Mtn. (4112251), Westwood East (4012038), Westwood West (4012131), Ycatapom Peak (4112217)

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.

General Notes

Does plant occur in NEV Co.? Sensitive in ID, and endangered in OR. Threatened by grazing, trampling, fire, vehicles, habitat alteration, and logging and associated road usage. See *Bulletin of the Torrey Botanical Club* 83(4):261-280 (1956) for comparison with *B. lunaria*, and *Madroño* 36(2):131-136 (1989) for CA records.

Distribution

Threats

Taxonomy

Other

References