

## Report for *Botrychium neolunaria*

### TAXON DETAILS

#### Classification

Scientific Name	<i>Botrychium neolunaria</i> Stensvold & Farrar
Common Name	North American moonwort
Family	Ophioglossaceae
Element Code	PPOPH01280
USDA Plants Symbol	
Synonyms/Other Names	<u><i>Botrychium lunaria</i> (L.) Sw.</u>

#### Conservation Status

California Rare Plant Rank	2B.3
Global Rank	GNR
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	2023-06-06

#### Ecology and Life History

Lifeform	perennial rhizomatous herb
Blooming Period	Jun-Sep
Elevation m (ft)	1980-3415 (6495-11205)
General Habitats	Meadows and seeps
Microhabitat Details	
Microhabitat	Mesic, Rocky (sometimes)

## Threat List Data from the CNDDDB

<b>Threat List Total:</b>		4
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>5</b>	<b>71%</b>
<b>Threat List:</b>		
Grazing	3	42%
Other	1	14%
Vandalism/dumping/litter	1	14%
Altered flood/tidal/hydrologic regime	1	14%

## Element Occurrence Data from the CNDDDB

<b>Total Element Occurrences:</b>	7
<b>Element Occurrence Ranks:</b>	
Excellent (A)	2
Good (B)	1
Fair (C)	1
Poor (D)	0
None (X)	0
Unknown (U)	3
<b>Occurrence Status</b>	
Historical, > 20 years	6
Recent, < 20 years	1
<b>Presence</b>	
Presumed Extant	7
Possibly Extirpated	0
Presumed Extirpated	0

## Location

<b>California Endemic</b>	No
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### **Counties**

Modoc (MOD), Mono (MNO), Nevada (NEV), Tuolumne (TUO)

### **States**

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

### **Quads**

Davis Creek (4112063), Dunderberg Peak (3811913), Hobart Mills (3912042), Lee Vining (3711981), Mt. Bidwell (4112082), Warren Peak (4112042)

### **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**

NEV Co. occurrence may not be correctly identified.

## **Threats**

Possibly threatened by grazing.

## **Taxonomy**

Possibly threatened by grazing.

## **Selected References**

**CNPS Name Change:** Non-Substantive Name Change: *Botrychium lunaria* to *Botrychium neolunaria* (2022)

**Original Description:** *Brittonia* 69(2): 168 (2016)

## **Suggested Citation**

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 21 July 2024].