Report for *Botrychium tunux*

### TAXON DETAILS

#### Classification

<table>
<thead>
<tr>
<th>Scientific Name</th>
<th><em>Botrychium tunux</em> Stensvold &amp; Farrar</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Name</td>
<td>moosewort</td>
</tr>
<tr>
<td>Family</td>
<td>Ophioglossaceae</td>
</tr>
<tr>
<td>Element Code</td>
<td>PPOPH01240</td>
</tr>
<tr>
<td>USDA Plants Symbol</td>
<td>BOTU3</td>
</tr>
<tr>
<td>Synonyms/Other Names</td>
<td></td>
</tr>
</tbody>
</table>

#### Conservation Status

<table>
<thead>
<tr>
<th>California Rare Plant Rank</th>
<th>2B.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Global Rank</td>
<td>G3G4</td>
</tr>
<tr>
<td>State Rank</td>
<td>S1</td>
</tr>
<tr>
<td>CESA</td>
<td>None</td>
</tr>
<tr>
<td>FESA</td>
<td>None</td>
</tr>
<tr>
<td>Other Status</td>
<td>USFS_S</td>
</tr>
<tr>
<td>CRPR Changes</td>
<td>changed from 2.1 to 2B.1 on 2013-06-12 added to 2.1 on 2012-03-05</td>
</tr>
<tr>
<td>Date Added</td>
<td>2012-03-05</td>
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<tr>
<td>Last Update</td>
<td>2023-06-06</td>
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#### Ecology and Life History

<table>
<thead>
<tr>
<th>Lifeform</th>
<th>perennial rhizomatous herb</th>
</tr>
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<tbody>
<tr>
<td>Blooming Period</td>
<td>Aug-Sep</td>
</tr>
<tr>
<td>Elevation m (ft)</td>
<td>3050-3050 (10005-10005)</td>
</tr>
<tr>
<td>General Habitats</td>
<td>Alpine boulder and rock field</td>
</tr>
<tr>
<td>Microhabitat Details</td>
<td>calcareous</td>
</tr>
<tr>
<td>Microhabitat</td>
<td></td>
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</table>
Threat List Data from the CNDDB

<table>
<thead>
<tr>
<th>Threat List Total:</th>
<th>0</th>
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<tbody>
<tr>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Total EOs</th>
<th>Percent EOs</th>
</tr>
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<tbody>
<tr>
<td>EOs with Threats Listed</td>
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</table>

Threat List:

Element Occurrence Data from the CNDDB

<table>
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<tr>
<th>Total Element Occurrences:</th>
<th>1</th>
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</thead>
<tbody>
<tr>
<td>Element Occurrence Ranks:</td>
<td></td>
</tr>
<tr>
<td>Excellent (A)</td>
<td>0</td>
</tr>
<tr>
<td>Good (B)</td>
<td>0</td>
</tr>
<tr>
<td>Fair (C)</td>
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</tr>
<tr>
<td>Poor (D)</td>
<td>0</td>
</tr>
<tr>
<td>None (X)</td>
<td>0</td>
</tr>
<tr>
<td>Unknown (U)</td>
<td>1</td>
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<tr>
<td>Occurrence Status</td>
<td></td>
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<tr>
<td>Historical, &gt; 20 years</td>
<td>0</td>
</tr>
<tr>
<td>Recent, &lt; 20 years</td>
<td>1</td>
</tr>
<tr>
<td>Presence</td>
<td></td>
</tr>
<tr>
<td>Presumed Extant</td>
<td>1</td>
</tr>
<tr>
<td>Possibly Extirpated</td>
<td>0</td>
</tr>
<tr>
<td>Presumed Extirpated</td>
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</tr>
</tbody>
</table>

Location

California Endemic No

Counties
Mariposa (MPA)

States
Alaska (AK), California (CA), Colorado (CO), Montana (MT), Nevada (NV), New Mexico (NM)

Quads
Tenaya Lake (3711974), Yosemite Falls (3711975)

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 in 2008 by Alison Colwell; known only from Mt. Hoffman in Yosemite NP. Similar to B. lunaria. Not in

Threats

Taxononmy

Selected References


Suggested Citation