Report for *Polygonum polygaloides* ssp. *esotericum*

**TAXON DETAILS**

![Image](image.png)

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**Classification**

- **Scientific Name**: *Polygonum polygaloides* Meisn. ssp. *esotericum* (Wheeler) Hickman
- **Common Name**: Modoc County knotweed
- **Family**: Polygonaceae
- **Element Code**: PDPGN0L1Y2
- **USDA Plants Symbol**: POPOE
- **Synonyms/Other Names**: *Polygonum esotericum* Wheeler

**Conservation Status**

- **California Rare Plant Rank**: 1B.3
- **Global Rank**: G4G5T3
- **State Rank**: S3
- **CESA**: None
- **FESA**: None
- **Other Status**: BLM_S; SB_UCSC
- **CRPR Changes**: changed from 1B.1 to 1B.3 on 2017-12-13
- **Date Added**: 1974-01-01
- **Last Update**: 2022-12-06

**Ecology and Life History**

- **Lifeform**: annual herb
- **Blooming Period**: May-Sep
- **Elevation m (ft)**: 885-1690 (2905-5545)
- **General Habitats**: Great Basin scrub, Lower montane coniferous forest, Meadows and seeps, Vernal pools

**Microhabitat Details**

- **Microhabitat**: Mesic
Threat List Data from the CNDDDB

<table>
<thead>
<tr>
<th>Threat List Total:</th>
<th>7</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EOs with Threats Listed</strong></td>
<td><strong>Total EOs</strong></td>
</tr>
<tr>
<td>Grazing</td>
<td>6</td>
</tr>
<tr>
<td>Non-native animal impacts</td>
<td>3</td>
</tr>
<tr>
<td>Foot traffic/trampling</td>
<td>2</td>
</tr>
<tr>
<td>Mining</td>
<td>1</td>
</tr>
<tr>
<td>Non-native plant impacts</td>
<td>1</td>
</tr>
<tr>
<td>Other</td>
<td>1</td>
</tr>
<tr>
<td>Road/trail construction/maint.</td>
<td>1</td>
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</tbody>
</table>

Element Occurrence Data from the CNDDDB

<table>
<thead>
<tr>
<th>Total Element Occurrences:</th>
<th>45</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Element Occurrence Ranks:</strong></td>
<td></td>
</tr>
<tr>
<td>Excellent (A)</td>
<td>5</td>
</tr>
<tr>
<td>Good (B)</td>
<td>10</td>
</tr>
<tr>
<td>Fair (C)</td>
<td>2</td>
</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>28</td>
</tr>
</tbody>
</table>

**Occurrence Status**
- Historical, > 20 years | 41
- Recent, < 20 years | 4

**Presence**
- Presumed Extant | 45
- Possibly Extirpated | 0
- Presumed Extirpated | 0

**Location**
- California Endemic: No
- Counties: Modoc (MOD), Plumas (PLU), Shasta (SHA), Sierra (SIE)
- States: California (CA), Oregon (OR)
- Quads: Barrel Springs (4111988), Crooks Meadow (4111978), Ambrose (4112058), Antelope Valley (3912063), Beaver Mtn. (4112086), Boles Meadows East (4112067), Boles Meadows West (4112068), Burney Falls (4112116), Calpine (3912064), Crank Mountain (4112142), Davis Creek (4112063), Jacks Butte (4112057), Knobcone Butte (4112151), Lake Annie (4112081), Larksprur Hills (4112071), Lookout (4112122), McGinty Reservoir (4112075), Mt. Bidwell (4112082), Pease Flat (4112085), Reconnaissance Peak (3912073), Rimrock Lake (4112162), South Mtn. (4112076), Spaulding Butte (4112152), Washington Mtn. (4112048), Whitehorse (4112134), Whitemore Ridge (4112066)
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
Possibly threatened by grazing, trampling, road maintenance, and non-native plants. Intermediates to ssp. confertiflorum are common, especially on Modoc Plateau to OR. Difficult to distinguish pure stands of ssp. esotericum in CA; needs further study. Only occurrences that mostly contain P. p. ssp. esotericum are included. See Rhodora 40(476):310-312 (1938) for original description, and Madroño 31(4):251 (1984) for revised nomenclature.

Threats

Taxonomy

Selected References

CNPS Status Review: CRPR List Change on 2017-12-13

Suggested Citation