Report for *Polemonium pulcherrimum* var. *shastense*

**TAXON DETAILS**

**Classification**

- **Scientific Name**: *Polemonium pulcherrimum* Hook. var. *shastense* (Eastw.) Stubbs
- **Common Name**: Mt. Shasta sky pilot
- **Family**: Polemoniaceae
- **Element Code**: PDPLM0E0J4
- **USDA Plants Symbol**: POPUS
- **Synonyms/Other Names**:

**Conservation Status**

- **California Rare Plant Rank**: 1B.2
- **Global Rank**: G5T2
- **State Rank**: S2
- **CESA**: None
- **FESA**: None
- **Other Status**: None
- **CRPR Changes**: added to 1B.2 on 2014-11-17
- **Date Added**: 2014-11-17
- **Last Update**: 2022-08-02

**Ecology and Life History**

- **Lifeform**: perennial herb
- **Blooming Period**: Jun-Sep
- **Elevation m (ft)**: 2175-3900 (7135-12795)
- **General Habitats**: Alpine boulder and rock field, Subalpine coniferous forest, Upper montane coniferous forest
- **Microhabitat Details**: Volcanic (sometimes)
## Threat List Data from the CNDDDB

<table>
<thead>
<tr>
<th>Threat List Total:</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total EOs</td>
<td>Percent EOs</td>
</tr>
<tr>
<td>EOs with Threats Listed</td>
<td>4</td>
</tr>
</tbody>
</table>

**Threat List:**
- Foot traffic/trampling: 4 (28%)
- Road/trail construction/maint.: 1 (7%)

## Element Occurrence Data from the CNDDDB

<table>
<thead>
<tr>
<th>Total Element Occurrences:</th>
<th>14</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Element Occurrence Ranks:</strong></td>
<td></td>
</tr>
<tr>
<td>Excellent (A)</td>
<td>1</td>
</tr>
<tr>
<td>Good (B)</td>
<td>0</td>
</tr>
<tr>
<td>Fair (C)</td>
<td>0</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>13</td>
</tr>
</tbody>
</table>

**Occurrence Status**
- Historical, > 20 years: 5
- Recent, < 20 years: 9

**Presence**
- Presumed Extant: 14
- Possibly Extirpated: 0
- Presumed Extirpated: 0

## Location

### California Endemic
Yes

### Counties
Shasta (SHA), Siskiyou (SIS)

### States
California (CA)

### Quads
- Callahan (4112237), Hotlum (4112243), Lassen Peak (4102145), McCloud (4112232), Mt. Shasta (4112242), Rainbow Mtn. (4112148), Thousand Lakes Valley (4102165)

## 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

Threats

Taxononmy

Selected References

**CNPS Status Review:** Proposed Addition to California Rare Plant Rank 1B.2, G5T2 / S2  
**Original Description:** *Bulletin of the Torrey Botanical Club* 32(4):205-206 (1905)  
**Taxonomic Treatment:** *Madroño* 60(3):243-248 (2013)  
**Species Account:** *Polemonium pulcherrimum var. shastense* profile for potential Species of Conservation Concern evaluation (2022)  
**Other:** USFS Potential Species of Conservation Concern Profile

Suggested Citation