Report for *Calochortus plummerae*

**TAXON DETAILS**

**Classification**

- **Scientific Name**: *Calochortus plummerae* Greene
- **Common Name**: Plummer’s mariposa-lily
- **Family**: Liliaceae
- **Element Code**: PMLILOD150
- **USDA Plants Symbol**: CAPL2
- **Synonyms/Other Names**:

**Conservation Status**

- **California Rare Plant Rank**: 4.2
- **Global Rank**: G4
- **State Rank**: S4
- **CESA**: None
- **FESA**: None
- **Other Status**: SB_CalBG/RSABG
- **CRPR Changes**: changed from 1B.2 to 4.2 on 2012-09-24
- **Date Added**: 1994-01-01
- **Last Update**: 2023-06-06

**Ecology and Life History**

- **Lifeform**: perennial bulbiferous herb
- **Blooming Period**: May-Jul
- **Elevation m (ft)**: 100-1700 (330-5580)
- **General Habitats**: Chaparral, Cismontane woodland, Coastal scrub, Lower montane coniferous forest, Valley and foothill grassland
- **Microhabitat Details**
- **Microhabitat**: Granitic, Rocky
Threat List Data from the CNDDB

<table>
<thead>
<tr>
<th>Threat List Total:</th>
<th>14</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total EOs</td>
<td></td>
</tr>
<tr>
<td>Percent EOs</td>
<td></td>
</tr>
<tr>
<td>EOs with Threats Listed</td>
<td>122</td>
</tr>
</tbody>
</table>

Threat List:

- Development: 58 (25%)
- Road/trail construction/maint.: 36 (15%)
- Non-native plant impacts: 18 (7%)
- Recreational use (non-ORV): 13 (5%)
- ORV activity: 10 (4%)
- Foot traffic/trampling: 9 (3%)
- Erosion/runoff: 8 (3%)
- Other: 6 (2%)
- Wood cutting or brush clearing: 6 (2%)
- Mining: 5 (2%)
- Improper burning regime: 4 (1%)
- Over-collecting/poaching: 3 (1%)
- Grazing: 1 (0%)
- Landfill: 1 (0%)

Element Occurrence Data from the CNDDB

<table>
<thead>
<tr>
<th>Total Element Occurrences:</th>
<th>230</th>
</tr>
</thead>
<tbody>
<tr>
<td>Element Occurrence Ranks:</td>
<td></td>
</tr>
<tr>
<td>Excellent (A)</td>
<td>4</td>
</tr>
<tr>
<td>Good (B)</td>
<td>37</td>
</tr>
<tr>
<td>Fair (C)</td>
<td>25</td>
</tr>
<tr>
<td>Poor (D)</td>
<td>12</td>
</tr>
<tr>
<td>None (X)</td>
<td>8</td>
</tr>
<tr>
<td>Unknown (U)</td>
<td>144</td>
</tr>
</tbody>
</table>

Occurrence Status

- Historical, > 20 years: 103
- Recent, < 20 years: 127

Presence

- Presumed Extant: 222
- Possibly Extirpated: 7
- Presumed Extirpated: 1

Location

California Endemic: Yes

Counties

Los Angeles (LAX), Orange (ORA), Riverside (RIV), San Bernardino (SBD), San Diego (SDG), Ventura (VEN)

States

California (CA)
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
Previously on List 1B.2; more common than originally known. Threatened by development, fire suppression, foot traffic, mining, powerline construction, and recreational activities. Possibly threatened by vegetation clearing, collecting, road maintenance, and non-native plants. Less common at higher elevations. Hybridizes with C. weedii var. intermedius. See Pittonia 2:70 (1890) for original description, and Annals of the Missouri Botanical Garden 27:515 (1940) for taxonomic treatment.

Threats

Taxonomy

Selected References


Suggested Citation