

## Report for *Calochortus westonii*

### TAXON DETAILS

#### Classification

|                      |  |
|----------------------|--|
| Scientific Name      | <i>Calochortus westonii</i> Eastw.   |
| Common Name          | Shirley Meadows star-tulip   |
| Family               | Liliaceae  |
| Element Code         | PMLIL0D1M0   |
| USDA Plants Symbol   | CAWE2  |
| Synonyms/Other Names | <u><i>Calochortus coeruleus</i> (Kell.) Wats. var. <i>westonii</i> (Eastw.) Ownbey</u> |

#### Conservation Status

|                            |   |
|----------------------------|---|
| California Rare Plant Rank | 1B.2                                      |
| Global Rank                | G3  |
| State Rank                 | S3  |
| CESA                       | None                                      |
| FESA                       | None                                      |
| Other Status               | BLM_S; SB_CalBG/RSABG; SB_UCSC;<br>USFS_S |
| CRPR Changes               |   |
| Date Added                 | 1974-01-01                                |
| Last Update                | 2022-12-06                                |

#### Ecology and Life History

|                      |  |
|----------------------|--|
| Lifeform             | perennial bulbiferous herb   |
| Blooming Period      | May-Jun  |
| Elevation m (ft)     | 1500-2105 (4920-6905)  |
| General Habitats     | Broadleafed upland forest, Lower montane<br>coniferous forest, Meadows and seeps |
| Microhabitat Details |  |
| Microhabitat         | Granitic   |

## Threat List Data from the CNDDDB

|                                |                  |                    |
|--------------------------------|------------------|--------------------|
| <b>Threat List Total:</b>      |                  | 11                 |
|                                | <b>Total EOs</b> | <b>Percent EOs</b> |
| <b>EOs with Threats Listed</b> | <b>14</b>        | <b>58%</b>         |
| <b>Threat List:</b>            |                  |                    |
| Logging                        | 9                | 37%                |
| Improper burning regime        | 5                | 20%                |
| Grazing                        | 3                | 12%                |
| Other                          | 3                | 12%                |
| Road/trail construction/maint. | 2                | 8%                 |
| Wood cutting or brush clearing | 1                | 4%                 |
| Over-collecting/poaching       | 1                | 4%                 |
| Recreational use (non-ORV)     | 1                | 4%                 |
| ORV activity                   | 1                | 4%                 |
| Development                    | 1                | 4%                 |
| Foot traffic/trampling         | 1                | 4%                 |

## Element Occurrence Data from the CNDDDB

|                                   |    |
|-----------------------------------|----|
| <b>Total Element Occurrences:</b> | 24 |
| <b>Element Occurrence Ranks:</b>  |    |
| Excellent (A)                     | 7  |
| Good (B)                          | 12 |
| Fair (C)                          | 2  |
| Poor (D)                          | 0  |
| None (X)                          | 0  |
| Unknown (U)                       | 3  |
| <b>Occurrence Status</b>          |    |
| Historical, > 20 years            | 20 |
| Recent, < 20 years                | 4  |
| <b>Presence</b>                   |    |
| Presumed Extant                   | 24 |
| Possibly Extirpated               | 0  |
| Presumed Extirpated               | 0  |

## Location

|                           |     |
|---------------------------|-----|
| <b>California Endemic</b> | Yes |
|---------------------------|-----|

### **Counties**

|                          |
|--------------------------|
| Kern (KRN), Tulare (TUL) |
|--------------------------|

### **States**

|                 |
|-----------------|
| California (CA) |
|-----------------|

### **Quads**

|  |
|--|
| Alta Sierra (3511865), Camp Nelson (3611825), Camp Wishon (3611826), Case Mountain (3611847), Johnsongdale (3511885), Sentinel Peak (3611815), Tobias Peak (3511875) |
|--|

## **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**

Threatened by logging, road construction, and vehicles. Sequoia NF has adopted species management guidelines. See *Proceedings of the California Academy of Sciences* IV 20:136 (1931) for original description.

## **Threats**

## **Taxononmy**

## **Selected References**

## **Suggested Citation**

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 6 May 2024].