

Report for *Camissonia sierrae* ssp. *alticola*

TAXON DETAILS

Classification

| | |
|----------------------|---|
| Scientific Name | <i>Camissonia sierrae</i> Raven ssp. <i>alticola</i> Raven |
| Common Name | Mono Hot Springs evening-primrose |
| Family | Onagraceae |
| Element Code | PDONA031H1 |
| USDA Plants Symbol | <u>CASIA</u> |
| Synonyms/Other Names | |

Conservation Status

| | |
|----------------------------|------------|
| California Rare Plant Rank | 1B.2 |
| Global Rank | G3T2 |
| State Rank | S2 |
| CESA | None |
| FESA | None |
| Other Status | USFS_S |
| CRPR Changes | |
| Date Added | 1980-01-01 |
| Last Update | 2021-10-04 |

Ecology and Life History

| | |
|----------------------|---|
| Lifeform | annual herb |
| Blooming Period | May-Aug |
| Elevation m (ft) | 1035-2410 (3395-7905) |
| General Habitats | Lower montane coniferous forest, Upper montane coniferous forest |
| Microhabitat Details | sand pans |
| Microhabitat | Granitic, Gravelly |

Threat List Data from the CNDDDB

| | | |
|--------------------------------|------------------|--------------------|
| Threat List Total: | | 9 |
| | Total EOs | Percent EOs |
| EOs with Threats Listed | 11 | 52% |
| Threat List: | | |
| Road/trail construction/maint. | 8 | 38% |
| Foot traffic/trampling | 4 | 19% |
| Logging | 3 | 14% |
| Recreational use (non-ORV) | 3 | 14% |
| ORV activity | 2 | 9% |
| Other | 1 | 4% |
| Non-native plant impacts | 1 | 4% |
| Development | 1 | 4% |
| Erosion/runoff | 1 | 4% |

Element Occurrence Data from the CNDDDB

| | |
|-----------------------------------|----|
| Total Element Occurrences: | 21 |
| Element Occurrence Ranks: | |
| Excellent (A) | 4 |
| Good (B) | 8 |
| Fair (C) | 2 |
| Poor (D) | 0 |
| None (X) | 0 |
| Unknown (U) | 7 |
| Occurrence Status | |
| Historical, > 20 years | 17 |
| Recent, < 20 years | 4 |
| Presence | |
| Presumed Extant | 21 |
| Possibly Extirpated | 0 |
| Presumed Extirpated | 0 |

Location

| | |
|---|-----|
| California Endemic | Yes |
| Counties | |
| Fresno (FRE), Madera (MAD), Mariposa (MPA)?, Tuolumne (TUO) | |
| States | |
| California (CA) | |
| Quads | |
| Falls Ridge (3711984), Florence Lake (3711838), Graveyard Peak (3711848), Half Dome (3711965), Little Shuteye Peak (3711944), Mammoth Pool Dam (3711933), Merced Peak (3711964)?, Mt. Givens (3711931), Squaw Dome (3711943), Ward Mountain (3711828) | |

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

Known from fewer than 20 occurrences. Threatened by foot traffic, non-native plants, and vehicles. Possibly threatened by vegetation clearing. MPA Co. record (436B) needs verification. See *Contributions from the U.S. National Herbarium* 37(5):329 (1969) 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].