

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 14 May 2024].