

Report for *Astragalus johannis-howellii*

TAXON DETAILS

Classification

Scientific Name	<i>Astragalus johannis-howellii</i> Barneby
Common Name	Long Valley milk-vetch
Family	Fabaceae
Element Code	PDFAB0F4H0
USDA Plants Symbol	<u>ASJO</u>
Synonyms/Other Names	

Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G2
State Rank	S1
CESA	CR (07/01/82)
FESA	None
Other Status	BLM_S; SB_SBBG; USFS_S
CRPR Changes	
Date Added	1974-01-01
Last Update	2022-12-06

Ecology and Life History

Lifeform	perennial herb
Blooming Period	Jun-Aug
Elevation m (ft)	2040-2530 (6695-8300)
General Habitats	Great Basin scrub (sandy loam)
Microhabitat Details	
Microhabitat	

Threat List Data from the CNDDDB

Threat List Total:		10
	Total EOs	Percent EOs
EOs with Threats Listed	14	74%
Threat List:		
Grazing	12	63%
ORV activity	4	21%
Dam/Inundation	3	15%
Foot traffic/trampling	2	10%
Road/trail construction/maint.	2	10%
Vandalism/dumping/litter	1	5%
Other	1	5%
Recreational use (non-ORV)	1	5%
Mining	1	5%
Non-native plant impacts	1	5%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	19
Element Occurrence Ranks:	
Excellent (A)	1
Good (B)	5
Fair (C)	0
Poor (D)	1
None (X)	0
Unknown (U)	12
Occurrence Status	
Historical, > 20 years	12
Recent, < 20 years	7
Presence	
Presumed Extant	19
Possibly Extirpated	0
Presumed Extirpated	0

Location

California Endemic	No
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Counties

Mono (MNO)

States

California (CA), Nevada (NV)

Quads

Aurora (3811838), Convict Lake (3711857), Dome Hill (3811931), Toms Place (3711856), Watterson Canyon (3711866), West of Huntoon Spring (3811816), Whitmore Hot Springs (3711867)

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 grazing, vehicles, and mining. Possibly threatened by trampling and illegal dumping. Usually found in swales in vicinity of former or present hot springs activity. See *Leaflets of Western Botany* 8(5):124-125 (1957) for original description, and *Memoirs of the New York Botanical Garden* 13:467-468 (1964) for taxonomic treatment.

Threats

Taxonomy

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 28 September 2024].