

## 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

<b>Threat List Total:</b>		10
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>14</b>	<b>74%</b>
<b>Threat List:</b>		
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

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

## Location

<b>California Endemic</b>	No
<b>Counties</b>	
Mono (MNO)	
<b>States</b>	
California (CA), Nevada (NV)	
<b>Quads</b>	
Aurora (3811838), Convict Lake (3711857), Dome Hill (3811931), Toms Place (3711856), Watterson Canyon (3711866), West of Huntton 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

## Taxononmy

## Selected References

## Suggested Citation

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