

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 |
| 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 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

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 18 May 2024].