

Report for *Calochortus excavatus*

TAXON DETAILS

Classification

Scientific Name	<i>Calochortus excavatus</i> Greene
Common Name	Inyo County star-tulip
Family	Liliaceae
Element Code	PMLILOD0F0
USDA Plants Symbol	<u>CAEX2</u>
Synonyms/Other Names	

Conservation Status

California Rare Plant Rank	1B.1
Global Rank	G2
State Rank	S2
CESA	None
FESA	None
Other Status	BLM_S; SB_SBBG; USFS_S
CRPR Changes	changed from 1B.1 to 1B.1 on 2011-01-26
Date Added	1974-01-01
Last Update	2023-06-06

Ecology and Life History

Lifeform	perennial bulbiferous herb
Blooming Period	Apr-Jul
Elevation m (ft)	1150-2000 (3775-6560)
General Habitats	Chenopod scrub, Meadows and seeps
Microhabitat Details	
Microhabitat	Alkaline, Mesic

Threat List Data from the CNDDDB

Threat List Total:		9
	Total EOs	Percent EOs
EOs with Threats Listed	45	64%
Threat List:		
Grazing	40	57%
Recreational use (non-ORV)	4	5%
Road/trail construction/maint.	3	4%
Other	3	4%
Groundwater pumping	3	4%
Non-native plant impacts	2	2%
Vandalism/dumping/litter	2	2%
ORV activity	1	1%
Improper burning regime	1	1%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	70
Element Occurrence Ranks:	
Excellent (A)	1
Good (B)	21
Fair (C)	25
Poor (D)	5
None (X)	0
Unknown (U)	18
Occurrence Status	
Historical, > 20 years	44
Recent, < 20 years	26
Presence	
Presumed Extant	70
Possibly Extirpated	0
Presumed Extirpated	0

Location

California Endemic	Yes
Counties	
Inyo (INY), Mono (MNO)	
States	
California (CA)	
Quads	

Benton Hot Springs (3711875), Big Alkali (3811922), Big Pine (3711823), Bishop (3711834), Blackrock (3611882), Chalfant Valley (3711853), Chidago Canyon (3711854), Convict Lake (3711857), Deep Springs Lake (3711831), Fish Slough (3711844), Fish Springs (3711813), Independence (3611872), Kearsarge Peak (3611873), Laws (3711843), Lone Pine (3611851), Manzanar (3611862), Poleta Canyon (3711833), Rovana (3711845), Tinemaha Reservoir (3711812), Toms Place (3711856), Union Wash (3611861), Westgard Pass (3711832)

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

Most occurrences are small remnants of former populations. Threatened by groundwater pumping, development, non-native plants, road maintenance, and grazing. See *Pittonia* 2:71 (1890) for original description, and *Proceedings of the California Academy of Sciences* III 2:146 (1901) for taxonomic treatment.

Threats

Taxonomy

Selected References

CNPS Status Review: Proposed Change from CRPR 1B.1, G2G3 to 1B.2, G2 / S2 (2011)

Suggested Citation

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 21 November 2024].