

Report for *Calochortus striatus*

TAXON DETAILS

Classification

Scientific Name	<i>Calochortus striatus</i> Parish
Common Name	alkali mariposa-lily
Family	Liliaceae
Element Code	PMLIL0D190
USDA Plants Symbol	<u>CAST2</u>
Synonyms/Other Names	

Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G3
State Rank	S2S3
CESA	None
FESA	None
Other Status	BLM_S; SB_CalBG/RSABG; USFS_S
CRPR Changes	
Date Added	1974-01-01
Last Update	2022-08-02

Ecology and Life History

Lifeform	perennial bulbiferous herb
Blooming Period	Apr-Jun
Elevation m (ft)	70-1595 (230-5235)
General Habitats	Chaparral, Chenopod scrub, Meadows and seeps, Mojavean desert scrub
Microhabitat Details	
Microhabitat	Alkaline, Mesic

Threat List Data from the CNDDDB

Threat List Total:		14
	Total EOs	Percent EOs
EOs with Threats Listed	85	75%
Threat List:		
Military operations	38	33%
Development	26	23%
Road/trail construction/maint.	16	14%
Grazing	14	12%
ORV activity	11	9%
Non-native plant impacts	8	7%
Vandalism/dumping/litter	8	7%
Agriculture	7	6%
Other	6	5%
Surface water diversion	3	2%
Groundwater pumping	2	1%
Mining	1	0%
Dam/Inundation	1	0%
Foot traffic/trampling	1	0%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	113
Element Occurrence Ranks:	
Excellent (A)	9
Good (B)	24
Fair (C)	14
Poor (D)	5
None (X)	4
Unknown (U)	57
Occurrence Status	
Historical, > 20 years	65
Recent, < 20 years	48
Presence	
Presumed Extant	109
Possibly Extirpated	2
Presumed Extirpated	2

Location

California Endemic	No
Counties	
Inyo (INY), Kern (KRN), Los Angeles (LAX), San Bernardino (SBD), Tulare (TUL)	
States	
California (CA), Nevada (NV)	

Quads

Arvin (3511827), Big Bear City (3411637), Bissell (3411881), Bole Spring (3611633), Cantil (3511738), Chilao Flat (3411831), Cougar Buttes (3411647), Delano West (3511973), Edwards (3411788), Indian Cove (3411612), Kernville (3511874), Lake Isabella North (3511864), Lake Isabella South (3511854), Lancaster East (3411861), Lancaster West (3411862), Little Buttes (3411873), Lovejoy Buttes (3411757), Lucerne Valley (3411648), Millux (3511922), Paradise Range (3511627), Pinyon Mtn. (3511842), Queen Mtn. (3411611), Redman (3411778), Rogers Lake South (3411777), Rosamond (3411872), Rosamond Lake (3411871), Saltdale NW (3511748), Sanborn (3511811), Soledad Mtn. (3411882), Stevens (3511932), Twentynine Palms (3411621), Waterman Mtn. (3411738), Weldon (3511863), White Dome (3511872), Willow Springs (3411883), Woolstalf Creek (3511853)

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 urbanization, grazing, trampling, road construction, hydrological alterations and water diversions that result in the lowering of the water table. Potentially threatened by horticultural collecting. Possibly threatened by non-native plants. On watch list in NV.

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 16 May 2024].