

## 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

<b>Threat List Total:</b>		14
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>85</b>	<b>75%</b>
<b>Threat List:</b>		
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

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

## Location

<b>California Endemic</b>	No
<b>Counties</b>	
Inyo (INY), Kern (KRN), Los Angeles (LAX), San Bernardino (SBD), Tulare (TUL)	
<b>States</b>	
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)

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## **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 4 May 2024].