

## 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)

---

## **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 19 May 2024].