

## Report for *Calochortus obispoensis*

### TAXON DETAILS

#### Classification

Scientific Name	<i>Calochortus obispoensis</i> Lemmon
Common Name	San Luis mariposa-lily
Family	Liliaceae
Element Code	PMLIL0D110
USDA Plants Symbol	CAOB
Synonyms/Other Names	

#### Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G2
State Rank	S2
CESA	None
FESA	None
Other Status	SB_CalBG/RSABG; SB_SBBG; USFS_S
CRPR Changes	
Date Added	1974-01-01
Last Update	2021-08-25

#### Ecology and Life History

Lifeform	perennial bulbiferous herb
Blooming Period	May-Jul
Elevation m (ft)	50-730 (165-2395)
General Habitats	Chaparral, Cismontane woodland, Coastal scrub, Valley and foothill grassland
Microhabitat Details	
Microhabitat	Serpentine (often)

### 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>30</b>	<b>65%</b>
<b>Threat List:</b>		
Grazing	13	28%
Foot traffic/trampling	12	26%
Non-native plant impacts	9	19%
Development	8	17%
Feral pigs	5	10%
Military operations	5	10%
Other	5	10%
Road/trail construction/maint.	5	10%
Improper burning regime	4	8%
Erosion/runoff	3	6%
Recreational use (non-ORV)	3	6%
Mining	2	4%
ORV activity	1	2%
Wood cutting or brush clearing	1	2%

### Element Occurrence Data from the CNDDDB

<b>Total Element Occurrences:</b>	46
<b>Element Occurrence Ranks:</b>	
Excellent (A)	4
Good (B)	20
Fair (C)	5
Poor (D)	0
None (X)	0
Unknown (U)	17
<b>Occurrence Status</b>	
Historical, > 20 years	23
Recent, < 20 years	23
<b>Presence</b>	
Presumed Extant	46
Possibly Extirpated	0
Presumed Extirpated	0

### Location

<b>California Endemic</b>	Yes
<b>Counties</b>	
San Luis Obispo (SLO)	
<b>States</b>	
California (CA)	

## **Quads**

Arroyo Grande NE (3512025), Atascadero (3512046), Lopez Mtn. (3512035), Morro Bay South (3512037), Pebblestone Shut-in (3512161), Pismo Beach (3512026), Port San Luis (3512027), San Luis Obispo (3512036)

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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 grazing, development, pipeline construction, road construction, and recreational activities. Potentially threatened by vegetation/fuel management and mining. See *Journal of Ecology* 75:977-995 (1987) for population biology.

## **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 29 April 2024].