

Report for *Calochortus obispoensis*

TAXON DETAILS

Classification

Scientific Name	<i>Calochortus obispoensis</i> Lemmon
Common Name	San Luis mariposa-lily
Family	Liliaceae
Element Code	PMLI0D110
USDA Plants Symbol	<u>CAOB</u>
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

Threat List Total:		14
	Total EOs	Percent EOs
EOs with Threats Listed	30	65%
Threat List:		
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

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

Location

California Endemic Yes

Counties

San Luis Obispo (SLO)

States

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)

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

Taxonomy

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 30 June 2024].