

Report for *Calochortus palmeri* var. *palmeri*

TAXON DETAILS

Classification

Scientific Name	<i>Calochortus palmeri</i> Wats. var. <i>palmeri</i>
Common Name	Palmer's mariposa-lily
Family	Liliaceae
Element Code	PMLI0D122
USDA Plants Symbol	<u>CAPAP4</u>
Synonyms/Other Names	

Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G3T2
State Rank	S2
CESA	None
FESA	None
Other Status	BLM_S; SB_CalBG/RSABG; SB_SBBG; USFS_S
CRPR Changes	
Date Added	1994-01-01
Last Update	2021-11-05

Ecology and Life History

Lifeform	perennial bulbiferous herb
Blooming Period	Apr-Jul
Elevation m (ft)	710-2390 (2330-7840)
General Habitats	Chaparral, Lower montane coniferous forest, Meadows and seeps
Microhabitat Details	
Microhabitat	Mesic

Threat List Data from the CNDDDB

Threat List Total:		16
	Total EOs	Percent EOs
EOs with Threats Listed	38	34%
Threat List:		
Road/trail construction/maint.	17	15%
ORV activity	11	9%
Wood cutting or brush clearing	10	9%
Foot traffic/trampling	10	9%
Non-native plant impacts	5	4%
Other	4	3%
Grazing	4	3%
Erosion/runoff	3	2%
Recreational use (non-ORV)	3	2%
Development	2	1%
Altered flood/tidal/hydrologic regime	1	0%
Degraded water quality	1	0%
Improper burning regime	1	0%
Logging	1	0%
Mining	1	0%
Over-collecting/poaching	1	0%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	111
Element Occurrence Ranks:	
Excellent (A)	12
Good (B)	16
Fair (C)	12
Poor (D)	0
None (X)	0
Unknown (U)	71
Occurrence Status	
Historical, > 20 years	34
Recent, < 20 years	77
Presence	
Presumed Extant	111
Possibly Extirpated	0
Presumed Extirpated	0

Location

California Endemic	Yes
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Counties

Kern (KRN), Los Angeles (LAX), Riverside (RIV), San Bernardino (SBD), San Luis Obispo (SLO), Santa Barbara (SBA), Ventura (VEN)

States

California (CA)

Quads

Acton (3411842), Alamo Mountain (3411868), Arvin (3511827), Beaumont (3311688), Big Bear City (3411637), Big Bear Lake (3411628), Breckenridge Mtn. (3511845), Butler Peak (3411731), Butterfly Peak (3311655), Cajon (3411734), Caldwell Mesa (3512023), Carpinteria (3411945), Catclaw Flat (3411616), Chilao Flat (3411831), Claraville (3511843), Condor Peak (3411832), Cuddy Valley (3411971), Fawnskin (3411638), Figueroa Mtn. (3411968), Frazier Mtn. (3411878), Green Valley (3411854), Harrison Mtn. (3411722), Hurricane Deck (3411977), Juniper Hills (3411748), Keller Peak (3411721), Kernville (3511874), La Liebre Ranch (3411876), La Panza (3512032), Lake Arrowhead (3411732), Lake Isabella North (3511864), Lake Isabella South (3511854), Lebec (3411877), Lion Canyon (3411952), Los Machos Hills (3512022), Mint Canyon (3411844), Morongo Valley (3411615), Newhall (3411845), Onyx Peak (3411626), Piute Peak (3511844), Pozo Summit (3512033), Rimrock (3411625), San Bernardino North (3411723), San Rafael Mtn. (3411967), Silverwood Lake (3411733), Sleepy Valley (3411853), Tehachapi NE (3511823), Tehachapi North (3511824), Tehachapi South (3511814), Topatopa Mountains (3411951), Toro Peak (3311654), Valyermo (3411747), Wheeler Springs (3411953), Winters Ridge (3411886), 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 development, grazing, non-native plants, recreational activities, and vehicles. See *Proceedings of the American Academy of Arts and Sciences* 14:266 (1879) for original description, and *Annals of the Missouri Botanical Garden* 27:459 (1940) for taxonomic treatment.

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 14 May 2024].