

Report for *Calochortus pulchellus*

TAXON DETAILS

Classification

Scientific Name	<i>Calochortus pulchellus</i> Benth.
Common Name	Mt. Diablo fairy-lantern
Family	Liliaceae
Element Code	PMLIL0D160
USDA Plants Symbol	<u>CAPU2</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
CRPR Changes	
Date Added	1974-01-01
Last Update	2022-12-06

Ecology and Life History

Lifeform	perennial bulbiferous herb
Blooming Period	Apr-Jun
Elevation m (ft)	30-840 (100-2755)
General Habitats	Chaparral, Cismontane woodland, Riparian woodland, Valley and foothill grassland
Microhabitat Details	
Microhabitat	

Threat List Data from the CNDDDB

Threat List Total:		14
	Total EOs	Percent EOs
EOs with Threats Listed	21	40%
Threat List:		
Road/trail construction/maint.	10	19%
Foot traffic/trampling	6	11%
Grazing	6	11%
Non-native plant impacts	4	7%
Erosion/runoff	3	5%
Over-collecting/poaching	3	5%
Recreational use (non-ORV)	2	3%
Feral pigs	2	3%
Other	2	3%
Improper burning regime	1	1%
Insufficient population/stand size	1	1%
Vandalism/dumping/litter	1	1%
Wood cutting or brush clearing	1	1%
Development	1	1%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	52
Element Occurrence Ranks:	
Excellent (A)	2
Good (B)	17
Fair (C)	5
Poor (D)	2
None (X)	0
Unknown (U)	26
Occurrence Status	
Historical, > 20 years	29
Recent, < 20 years	23
Presence	
Presumed Extant	52
Possibly Extirpated	0
Presumed Extirpated	0

Location

California Endemic	Yes
Counties	
Alameda (ALA), Contra Costa (CCA)	
States	
California (CA)	

Quads

Antioch South (3712187), Benicia (3812212), Briones Valley (3712282), Byron Hot Springs (3712176), Clayton (3712188), Diablo (3712178), Las Trampas Ridge (3712271), Tassajara (3712177), Walnut Creek (3712281)

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, urbanization, horticultural collection, and feral pigs. Potentially threatened by road maintenance. See *Proceedings of the California Academy of Sciences* III 2:118 (1901) for taxonomic treatment, and *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 15 May 2024].