

## 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

<b>Threat List Total:</b>		14
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>21</b>	<b>40%</b>
<b>Threat List:</b>		
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

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

### Location

<b>California Endemic</b>	Yes
<b>Counties</b>	
Alameda (ALA), Contra Costa (CCA)	
<b>States</b>	
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)

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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, 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 14 May 2024].