

Report for *Downingia concolor* var. *brevior***TAXON DETAILS****Classification**

Scientific Name	<i>Downingia concolor</i> Greene var. <i>brevior</i> McVaugh
Common Name	Cuyamaca Lake downingia
Family	Campanulaceae
Element Code	PDCAM06041
USDA Plants Symbol	<u>DOCOB</u>
Synonyms/Other Names	

Conservation Status

California Rare Plant Rank	1B.1
Global Rank	G4T1
State Rank	S1
CESA	CE (02/01/82)
FESA	None
Other Status	SB_CRES
CRPR Changes	
Date Added	1980-01-01
Last Update	2021-05-26

Ecology and Life History

Lifeform	annual herb
Blooming Period	May-Jul
Elevation m (ft)	1380-1500 (4530-4920)
General Habitats	Meadows and seeps (vernally mesic), Vernal pools
Microhabitat Details	
Microhabitat	

Threat List Data from the CNDDDB

Threat List Total:		12
	Total EOs	Percent EOs
EOs with Threats Listed	3	75%
Threat List:		
Altered flood/tidal/hydrologic regime	2	50%
Development	2	50%
Recreational use (non-ORV)	2	50%
Road/trail construction/maint.	2	50%
Foot traffic/trampling	2	50%
Grazing	2	50%
ORV activity	1	25%
Surface water diversion	1	25%
Vandalism/dumping/litter	1	25%
Erosion/runoff	1	25%
Biocides	1	25%
Dam/Inundation	1	25%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	4
Element Occurrence Ranks:	
Excellent (A)	0
Good (B)	2
Fair (C)	0
Poor (D)	0
None (X)	1
Unknown (U)	1
Occurrence Status	
Historical, > 20 years	2
Recent, < 20 years	2
Presence	
Presumed Extant	3
Possibly Extirpated	1
Presumed Extirpated	0

Location

California Endemic	Yes
Counties	
San Diego (SDG)	
States	
California (CA)	
Quads	
Cuyamaca Peak (3211685), Julian (3311615), Warners Ranch (3311626)	

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

Known from fewer than 5 occurrences in the Cuyamaca Lake area. Threatened by development, altered hydrology, grazing, and recreation. Habitat restoration and seed introduction occurred in 1994; conservation activities occurring as of 1997. See *Memoirs of the Torrey Botanical Club* 19(4):1-57 (1941) for original description.

Threats

Taxononmy

Selected References

Suggested Citation

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