

Report for *Chylismia munzii*

TAXON DETAILS

Classification

Scientific Name	<i>Chylismia munzii</i> (P.H. Raven) W.L. Wagner & Hoch
Common Name	Death Valley suncup
Family	Onagraceae
Element Code	PDONA03130
USDA Plants Symbol	
Synonyms/Other Names	

Conservation Status

California Rare Plant Rank	4.2
Global Rank	G3?
State Rank	S3
CESA	None
FESA	None
Other Status	
CRPR Changes	added to 4.2 on 2024-01-18
Date Added	2024-01-18
Last Update	2024-04-02

Ecology and Life History

Lifeform	annual herb
Blooming Period	Mar-Jun(Nov)
Elevation m (ft)	275-1670 (900-5480)
General Habitats	Mojavean desert scrub
Microhabitat Details	Alluvial fans, canyon bottoms, and lower slopes of desert mountains.
Microhabitat	Carbonate (sometimes), Dry, Gravelly, Rocky, Sandy, Slopes, Washes

Threat List Data from the CNDDDB

Threat List Total:		0
	Total EOs	Percent EOs
EOs with Threats Listed	0	0%
Threat List:		

Element Occurrence Data from the CNDDDB

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

Location

California Endemic	No
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Counties

States

California (CA), Nevada (NV)

Quads

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

Many sites historical; needs field-work in years of favorable rainfall. May undergo extreme interannual fluctuations in abundance depending on winter precipitation

Threats

Threatened by solar energy development. Potentially threatened by lithium mining, off-road vehicles.

Taxonomy

Threatened by solar energy development. Potentially threatened by lithium mining, off-road vehicles.

Selected References

CNPS Status Review: Proposed Addition to California Rare Plant Rank 4.2 (2024)

Original Description: *University of California Publications in Botany* 34: 91 (1962)

Revised Nomenclature: *Systematic Botany Monographs* 83: 207 (2007)

Taxonomic Treatment: *Contributions from the U. S. National Herbarium* 37: 222 (1969)

Species Account: *Vascular plants of the Nevada Test Site and central-southern Nevada*: 217 (1976)

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].