

## Report for *Chylismia munzii*

### TAXON DETAILS

#### Classification

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

#### Conservation Status

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

#### Ecology and Life History

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

**Threat List Data from the CNDDDB**

|                                |                  |                    |
|--------------------------------|------------------|--------------------|
| <b>Threat List Total:</b>      |                  | 0                  |
|                                | <b>Total EOs</b> | <b>Percent EOs</b> |
| <b>EOs with Threats Listed</b> | <b>0</b>         | <b>0%</b>          |
| <b>Threat List:</b>            |                  |                    |

**Element Occurrence Data from the CNDDDB**

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

**Location**

**California Endemic** No

**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 22 December 2024].