

**CNPS Inventory of Rare and Endangered Plants of
California**

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PLANT DETAIL

Classification

Scientific Name	<i>Nama demissa</i> A. Gray var. <i>covillei</i> Brand
Common Name	Coville's purple mat
Family	Namaceae
Element Code Name	PDHYD0A031
USDA Plants Symbol	
Synonyms/Other Names	

Conservation Status

California Rare Plant Rank	1B.3
Global Rank	G5T3
State Rank	S3
CESA	None
FESA	None
Other Status	BLM_S
CRPR Changes	added to 1B.3 on 2018-05-30
Date Added	5/30/2018
Last Change	6/3/2021

Ecology and Life History

Lifeform	annual herb
Blooming Period	Feb-May
Elevation: m (ft)	-85-1800 (-280-5905)
General Habitat	Mojavean desert scrub
General MicroHabitat	
Micro Habitat	Dry, Flats, Roadsides (often), Sandy, Slopes

Element Occurrence Data from California Natural Diversity Database

Total Element Occurrences	25
Element Occurrence Ranks	
Excellent (A)	0
Good (B)	0
Fair (C)	0
Poor (D)	0
None (X)	0

Unknown (U)	25
Occurrence Status	
Historical, > 20 years	12
Recent, < 20 years	13
Presence	
Presumed Extant	25
Possibly Extirpated	0
Presumed Extirpated	0

Location

CA Endemic Yes

Counties

Inyo (INY), San Bernardino (SBD)

States

California (CA)

Quads

Avawatz Pass (3511654), Beatty Junction (3611658), Chloride City (3611668), Dantes View (3611626), Devils Golf Course (3611637), Dumont Dunes (3511662), Echo Canyon (3611646), Epaulet Peak (3511685), Furnace Creek (3611647), Gold Valley (3611616), Grotto Canyon (3611751), Ivanpah (3511533), Kingston Peak (3511568), Resting Spring (3511682), Ryan (3611636), Saddle Peak Hills (3511663), Scottys Castle (3711713), Shoshone (3511683), Sixmile Spring (3611621), Stewart Valley (3611622), Stovepipe Wells NE (3611761), Thimble Peak (3611771), Twelvemile Spring (3611612), Ubehebe Crater (3711714)

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.

General Notes

Potentially threatened by road construction and maintenance. Possibly threatened by erosion, which might be exacerbated by climate shifts. Often misidentified as var. *demissa*. Leaf attachment and shape are primary differentiating characters between varieties, but these traits can be variable and substrate might be a better indicator of differentiation; needs further study. See *Das Pflanzenreich* IV. 251(59): 159 (1913) for original description, and *American Journal of Botany* 20(8): 518-534 (1933) for taxonomic treatment.

Distribution

Threats

Taxonomy

Other

References