

## Report for *Nama demissa* var. *covillei*

### TAXON DETAILS

#### Classification

Scientific Name	<i>Nama demissa</i> A. Gray var. <i>covillei</i> Brand
Common Name	Coville's purple mat
Family	Namaceae
Element Code	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	2018-05-30
Last Update	2021-06-03

#### Ecology and Life History

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

## Threat List Data from the CNDDB

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

## Element Occurrence Data from the CNDDB

<b>Total Element Occurrences:</b>	25
<b>Element Occurrence Ranks:</b>	
Excellent (A)	0
Good (B)	0
Fair (C)	0
Poor (D)	0
None (X)	0
Unknown (U)	25
<b>Occurrence Status</b>	
Historical, > 20 years	12
Recent, < 20 years	13
<b>Presence</b>	
Presumed Extant	25
Possibly Extirpated	0
Presumed Extirpated	0

## Location

<b>California Endemic</b>	Yes
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### **Counties**

Inyo (INY), San Bernardino (SBD)
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### **States**

California (CA)
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### **Quads**

<p>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)</p>
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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**

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.

## **Threats**

## **Taxonomy**

## **Selected References**

**CNPS Status Review:** CRPR List Addition on 2018-05-30

## **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].