

Report for *Mentzelia tridentata*

TAXON DETAILS

Classification

Scientific Name	<i>Mentzelia tridentata</i> (A. Davids.) H.J. Thomps. & Joyce Roberts
Common Name	creamy blazing star
Family	Loasaceae
Element Code	PDLOA031U0
USDA Plants Symbol	<u>METR4</u>
Synonyms/Other Names	

Conservation Status

California Rare Plant Rank	1B.3
Global Rank	G3
State Rank	S3
CESA	None
FESA	None
Other Status	SB_CalBG/RSABG
CRPR Changes	
Date Added	2001-01-01
Last Update	2022-03-01

Ecology and Life History

Lifeform	annual herb
Blooming Period	Mar-May
Elevation m (ft)	700-1175 (2295-3855)
General Habitats	Mojavean desert scrub
Microhabitat Details	
Microhabitat	Gravelly, Rocky, Sandy

Threat List Data from the CNDDDB

Threat List Total:		5
	Total EOs	Percent EOs
EOs with Threats Listed	10	20%
Threat List:		
ORV activity	9	17%
Military operations	7	13%
Mining	2	3%
Development	1	1%
Grazing	1	1%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	51
Element Occurrence Ranks:	
Excellent (A)	4
Good (B)	8
Fair (C)	0
Poor (D)	2
None (X)	0
Unknown (U)	37
Occurrence Status	
Historical, > 20 years	19
Recent, < 20 years	32
Presence	
Presumed Extant	51
Possibly Extirpated	0
Presumed Extirpated	0

Location

California Endemic	Yes
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Counties

Inyo (INY), Kern (KRN), San Bernardino (SBD)
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States

California (CA)

Quads

Ballarat (3611712), Barstow (3411781), Barstow SE (3411771), Bird Spring (3511723), Camp Rock Mine (3411666), Cantil (3511738), Daggett (3411678), Fry Mountains (3411656), Grand View Mine (3411657), Haiwee Reservoirs (3611728), Iron Ridge (3411655), Lane Mountain (3511618), Little Lake (3511788), Minneola (3411677), Nebo (3411688), Newberry Springs (3411676), Old Woman Springs (3411646), Ord Mountain (3411667), Panamint (3611711), Parker (3411423), Saltdale NW (3511748), Snaggletooth (3411456), Volcano Peak (3511787), West Ord Mountain (3411668), White Horse Mtn. (3411658), Yermo (3411687)
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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

Threatened by vehicles, mining, and grazing. See *Bulletin of the Southern California Academy of Sciences* 9:71 (1910) for original description, and *Phytologia* 21(4):287 (1971) for revised nomenclature.

Threats

Taxononmy

Selected References

Suggested Citation

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 6 May 2024].