

Report for *Mentzelia torreyi*

TAXON DETAILS

Classification

Scientific Name	<i>Mentzelia torreyi</i> Gray
Common Name	Torrey's blazing star
Family	Loasaceae
Element Code	PDLOA031S0
USDA Plants Symbol	<u>METO2</u>
Synonyms/Other Names	

Conservation Status

California Rare Plant Rank	2B.2
Global Rank	G4
State Rank	S2
CESA	None
FESA	None
Other Status	SB_CalBG/RSABG
CRPR Changes	changed from 2.2 to 2B.2 on 2013-06-12
Date Added	2001-01-01
Last Update	2022-12-06

Ecology and Life History

Lifeform	perennial herb
Blooming Period	Jun-Aug
Elevation m (ft)	1170-2835 (3840-9300)
General Habitats	Great Basin scrub, Mojavean desert scrub, Pinyon and juniper woodland
Microhabitat Details	
Microhabitat	Alkaline, Rocky, Sandy, Volcanic (usually)

Threat List Data from the CNDDDB

Threat List Total:		4
	Total EOs	Percent EOs
EOs with Threats Listed	2	12%
Threat List:		
Development	1	5%
Erosion/runoff	1	5%
Foot traffic/trampling	1	5%
Non-native plant impacts	1	5%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	17
Element Occurrence Ranks:	
Excellent (A)	1
Good (B)	1
Fair (C)	0
Poor (D)	0
None (X)	0
Unknown (U)	15
Occurrence Status	
Historical, > 20 years	11
Recent, < 20 years	6
Presence	
Presumed Extant	17
Possibly Extirpated	0
Presumed Extirpated	0

Location

California Endemic	No
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Counties

Inyo (INY), Mono (MNO)

States

California (CA), Idaho (ID), Nevada (NV), Oregon (OR)

Quads

Big Alkali (3811922), Blackrock (3611882), Casa Diablo Mtn. (3711855), Cedar Hill (3811827), Fish Slough (3711844), Independence (3611872), Lee Vining (3711981), Negit Island (3811911), Rovana (3711845), Sulphur Pond (3811818), Toms Place (3711856)

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

Possibly threatened by vehicles, grazing, and trampling. See *Proceedings of the American Academy of Arts and Sciences* 10:72 (1874) for original description, and *Annals of the Missouri Botanical Garden* 21:158-159 (1934) for taxonomic treatment.

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 18 May 2024].