

Report for *Mentzelia polita*

TAXON DETAILS

Classification

Scientific Name	<i>Mentzelia polita</i> A. Nels.
Common Name	polished blazing star
Family	Loasaceae
Element Code	PDLOA03310
USDA Plants Symbol	<u>MEPO2</u>
Synonyms/Other Names	

Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G2G3
State Rank	S2?
CESA	None
FESA	None
Other Status	BLM_S; SB_CalBG/RSABG
CRPR Changes	added to 1B.2 on 2006-12-21
Date Added	2006-12-21
Last Update	2023-01-13

Ecology and Life History

Lifeform	perennial herb
Blooming Period	Apr-Aug
Elevation m (ft)	1200-1580 (3935-5185)
General Habitats	Mojavean desert scrub
Microhabitat Details	
Microhabitat	Carbonate

Threat List Data from the CNDDDB

Threat List Total:		2
	Total EOs	Percent EOs
EOs with Threats Listed	2	18%
Threat List:		
Foot traffic/trampling	2	18%
Non-native plant impacts	2	18%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	11
Element Occurrence Ranks:	
Excellent (A)	0
Good (B)	4
Fair (C)	1
Poor (D)	0
None (X)	0
Unknown (U)	6
Occurrence Status	
Historical, > 20 years	3
Recent, < 20 years	8
Presence	
Presumed Extant	11
Possibly Extirpated	0
Presumed Extirpated	0

Location

California Endemic	No
---------------------------	----

Counties

Inyo (INY), San Bernardino (SBD)

States

California (CA), Nevada (NV)

Quads

Clark Mtn. (3511555), Ivanpah Lake (3511554), Nova Canyon (3611733), Pachalka Spring (3511556), Panamint Butte (3611743), State Line Pass (3511564)

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

Known in California only from the Clark Mountains area of San Bernardino County. Potentially threatened by transmission line development. See *Botanical Gazette* 47: 427 (1909) for original description.

Threats

Taxononmy

Selected References

CNPS Status Review: CRPR List Addition on 2006-12-21

Suggested Citation

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 7 May 2024].