

## 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

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

## Element Occurrence Data from the CNDDDB

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

## Location

<b>California Endemic</b>	No
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### **Counties**

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

California (CA), Nevada (NV)
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### **Quads**

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

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 20 May 2024].