

Report for *Mentzelia pterosperma*

TAXON DETAILS

Classification

Scientific Name	<i>Mentzelia pterosperma</i> Eastw.
Common Name	wing-seed blazing star
Family	Loasaceae
Element Code	PDLOA031E0
USDA Plants Symbol	<u>MEPT</u>
Synonyms/Other Names	

Conservation Status

California Rare Plant Rank	2B.2
Global Rank	G4
State Rank	S1S2
CESA	None
FESA	None
Other Status	SB_CalBG/RSABG; SB_USDA
CRPR Changes	changed from 2.2 to 2B.2 on 2013-06-12 added to 2.2 on 2006-12-21
Date Added	2006-12-21
Last Update	2022-03-01

Ecology and Life History

Lifeform	annual/perennial herb
Blooming Period	Apr-Jun
Elevation m (ft)	1140-1140 (3740-3740)
General Habitats	Mojavean desert scrub
Microhabitat Details	gypseous
Microhabitat	Clay

Threat List Data from the CNDDDB

Threat List Total:		6
	Total EOs	Percent EOs
EOs with Threats Listed	4	57%
Threat List:		
Non-native plant impacts	3	42%
ORV activity	2	28%
Other	1	14%
Road/trail construction/maint.	1	14%
Altered flood/tidal/hydrologic regime	1	14%
Grazing	1	14%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	7
Element Occurrence Ranks:	
Excellent (A)	0
Good (B)	1
Fair (C)	2
Poor (D)	0
None (X)	0
Unknown (U)	4
Occurrence Status	
Historical, > 20 years	3
Recent, < 20 years	4
Presence	
Presumed Extant	7
Possibly Extirpated	0
Presumed Extirpated	0

Location

California Endemic	No
Counties	
Inyo (INY), San Bernardino (SBD)	
States	
Arizona (AZ), California (CA), Nevada (NV), Utah (UT)	
Quads	
Calvada Springs (3511588), Clark Mtn. (3511555), Mesquite Lake (3511565), Nopah Peak (3611611), Pachalka Spring (3511556), Valley Wells (3511546)	

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 Valley Wells area of San Bernardino County. Potentially threatened by road construction, road maintenance, and hydrological alterations. See *Proceedings of the California Academy II*, 6: 290 (1896) for original description.

Threats

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Selected References

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

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