

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

Taxonomy

Selected References

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

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