

## 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,<br>Pinyon and juniper woodland |
| Microhabitat Details |  |
| Microhabitat         | Alkaline, Rocky, Sandy, Volcanic (usually)                               |

## Threat List Data from the CNDDDB

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

## Element Occurrence Data from the CNDDDB

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

## Location

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|                           |    |
|---------------------------|----|
| <b>California Endemic</b> | No |
|---------------------------|----|

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### **Counties**

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Inyo (INY), Mono (MNO)

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### **States**

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

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### **Quads**

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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)

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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**

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**

## **Taxonomy**

## **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 6 July 2024].