

Report for *Chorizanthe pungens* var. *pungens*

TAXON DETAILS

Classification

| | |
|----------------------|---|
| Scientific Name | <i>Chorizanthe pungens</i> Benth. var. <i>pungens</i> |
| Common Name | Monterey spineflower |
| Family | Polygonaceae |
| Element Code | PDPGN040M2 |
| USDA Plants Symbol | <u>CHPUP3</u> |
| Synonyms/Other Names | |

Conservation Status

| | |
|----------------------------|---------------------|
| California Rare Plant Rank | 1B.2 |
| Global Rank | G2T2 |
| State Rank | S2 |
| CESA | None |
| FESA | 02/04/94 (02/04/94) |
| Other Status | SB_SBBG; SB_UCBG |
| CRPR Changes | |
| Date Added | 1980-01-01 |
| Last Update | 2024-11-05 |

Ecology and Life History

| | |
|----------------------|--|
| Lifeform | annual herb |
| Blooming Period | Apr-Jun(Jul-Aug) |
| Elevation m (ft) | 3-450 (10-1475) |
| General Habitats | Chaparral (maritime), Cismontane woodland, Coastal dunes, Coastal scrub, Valley and foothill grassland |
| Microhabitat Details | |
| Microhabitat | Sandy |

Threat List Data from the CNDDDB

| | | |
|--------------------------------|------------------|--------------------|
| Threat List Total: | | 12 |
| | Total EOs | Percent EOs |
| EOs with Threats Listed | 29 | 57% |
| Threat List: | | |
| Development | 15 | 29% |
| Other | 12 | 23% |
| Non-native plant impacts | 11 | 21% |
| ORV activity | 5 | 9% |
| Foot traffic/trampling | 5 | 9% |
| Agriculture | 3 | 5% |
| Road/trail construction/maint. | 3 | 5% |
| Erosion/runoff | 2 | 3% |
| Biocides | 1 | 1% |
| Improper burning regime | 1 | 1% |
| Mining | 1 | 1% |
| Wood cutting or brush clearing | 1 | 1% |

Element Occurrence Data from the CNDDDB

| | |
|-----------------------------------|----|
| Total Element Occurrences: | 51 |
| Element Occurrence Ranks: | |
| Excellent (A) | 6 |
| Good (B) | 12 |
| Fair (C) | 6 |
| Poor (D) | 2 |
| None (X) | 3 |
| Unknown (U) | 22 |
| Occurrence Status | |
| Historical, > 20 years | 26 |
| Recent, < 20 years | 25 |
| Presence | |
| Presumed Extant | 48 |
| Possibly Extirpated | 2 |
| Presumed Extirpated | 1 |

Location

California Endemic Yes

Counties

Monterey (MNT), San Luis Obispo (SLO)*, Santa Cruz (SCR)

States

California (CA)

Quads

Espinosa Canyon (3612111), Laurel (3712118), Loma Prieta (3712117), Marina (3612167), Monterey (3612158), Moss Landing (3612177), Prunedale (3612176), Salinas (3612166), San Ardo (3612018), San Juan Bautista (3612175), San Lucas (3612121), San Simeon (3512162)*, Seaside (3612157), Soledad (3612143), Spreckels (3612156), Watsonville East (3612186), Watsonville West (3612187)

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

Collected in SLO Co. only once (1842). See *Phytologia* 66(2):123-125 (1989) for taxonomic treatment, and *Fremontia* 24(4):8-11 (1996) for taxonomic discussion.

Threats

Threatened by foot traffic, urbanization, recreational development and activities, agriculture, military activities, and non-native plants. Possibly threatened by road construction.

Taxonomy

Threatened by foot traffic, urbanization, recreational development and activities, agriculture, military activities, and non-native plants. Possibly threatened by road construction.

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 24 November 2024].