

## Report for *Chorizanthe pungens* var. *hartwegiana*

### TAXON DETAILS

#### Classification

|                      |  |
|----------------------|--|
| Scientific Name      | <i>Chorizanthe pungens</i> Benth. var. <i>hartwegiana</i> Rev. & Hardham |
| Common Name          | Ben Lomond spineflower   |
| Family               | Polygonaceae   |
| Element Code         | PDPGN040M1   |
| USDA Plants Symbol   | <u>CHPUH2</u>  |
| Synonyms/Other Names |  |

#### Conservation Status

|                            |                     |
|----------------------------|---------------------|
| California Rare Plant Rank | 1B.1                |
| Global Rank                | G2T1                |
| State Rank                 | S1                  |
| CESA                       | None                |
| FESA                       | 02/04/94 (02/04/94) |
| Other Status               | SB_UCSC             |
| CRPR Changes               |                     |
| Date Added                 | 1994-01-01          |
| Last Update                | 2021-05-26          |

#### Ecology and Life History

|                      |   |
|----------------------|---|
| Lifeform             | annual herb   |
| Blooming Period      | Apr-Jul   |
| Elevation m (ft)     | 90-610 (295-2000)   |
| General Habitats     | Lower montane coniferous forest (maritime ponderosa pine sandhills) |
| Microhabitat Details |   |
| Microhabitat         |   |

## Threat List Data from the CNDDDB

|                                |                  |                    |
|--------------------------------|------------------|--------------------|
| <b>Threat List Total:</b>      |                  | 9                  |
|                                | <b>Total EOs</b> | <b>Percent EOs</b> |
| <b>EOs with Threats Listed</b> | <b>10</b>        | <b>56%</b>         |
| <b>Threat List:</b>            |                  |                    |
| Development                    | 7                | 38%                |
| Mining                         | 3                | 16%                |
| Recreational use (non-ORV)     | 3                | 16%                |
| Road/trail construction/maint. | 2                | 11%                |
| Foot traffic/trampling         | 2                | 11%                |
| Grazing                        | 1                | 5%                 |
| Logging                        | 1                | 5%                 |
| Erosion/runoff                 | 1                | 5%                 |
| Non-native plant impacts       | 1                | 5%                 |

## Element Occurrence Data from the CNDDDB

|                                   |    |
|-----------------------------------|----|
| <b>Total Element Occurrences:</b> | 18 |
| <b>Element Occurrence Ranks:</b>  |    |
| Excellent (A)                     | 1  |
| Good (B)                          | 6  |
| Fair (C)                          | 4  |
| Poor (D)                          | 0  |
| None (X)                          | 1  |
| Unknown (U)                       | 6  |
| <b>Occurrence Status</b>          |    |
| Historical, > 20 years            | 16 |
| Recent, < 20 years                | 2  |
| <b>Presence</b>                   |    |
| Presumed Extant                   | 17 |
| Possibly Extirpated               | 1  |
| Presumed Extirpated               | 0  |

## Location

|   |     |
|---|-----|
| <b>California Endemic</b>   | Yes |
| <b>Counties</b>   |     |
| Santa Cruz (SCR)  |     |
| <b>States</b>   |     |
| California (CA)   |     |
| <b>Quads</b>  |     |
| Big Basin (3712222), Castle Rock Ridge (3712221), Davenport (3712212), Felton (3712211), Laurel (3712118) |     |

## **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 only from sandhill parklands in the Santa Cruz Mtns. Threatened by sand mining, development, and non-native plants. See *C. pungens* in *The Jepson Manual*. See *Annals of the Missouri Botanical Garden* 21:37 (1934) for original description, and *Phytologia* 66(2):123-126 (1989) for taxonomic treatment, *Fremontia* 24(4):8-11 (1996) for taxonomic discussion, and *Madroño* 45(2):119-127 (1998) for ecological information.

## **Threats**

## **Taxononmy**

## **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 19 May 2024].