

## Report for *Pentachaeta bellidiflora*

### TAXON DETAILS

#### Classification

|                      |  |
|----------------------|--|
| Scientific Name      | <i>Pentachaeta bellidiflora</i> Greene |
| Common Name          | white-rayed pentachaeta                |
| Family               | Asteraceae                             |
| Element Code         | PDAST6X030                             |
| USDA Plants Symbol   | <u>PEBE</u>                            |
| Synonyms/Other Names |  |

#### Conservation Status

|                            |                     |
|----------------------------|---------------------|
| California Rare Plant Rank | 1B.1                |
| Global Rank                | G1                  |
| State Rank                 | S1                  |
| CESA                       | CE (06/01/92)       |
| FESA                       | 02/03/95 (02/03/95) |
| Other Status               | SB_UCBG             |
| CRPR Changes               |                     |
| Date Added                 | 1974-01-01          |
| Last Update                | 2021-05-26          |

#### Ecology and Life History

|                      |  |
|----------------------|--|
| Lifeform             | annual herb  |
| Blooming Period      | Mar-May  |
| Elevation m (ft)     | 35-620 (115-2035)  |
| General Habitats     | Cismontane woodland, Valley and foothill<br>grassland (often serpentinite) |
| Microhabitat Details |  |
| Microhabitat         |  |

## Threat List Data from the CNDDDB

|                                |                  |                    |
|--------------------------------|------------------|--------------------|
| <b>Threat List Total:</b>      |                  | 5                  |
|                                | <b>Total EOs</b> | <b>Percent EOs</b> |
| <b>EOs with Threats Listed</b> | <b>3</b>         | <b>21%</b>         |
| <b>Threat List:</b>            |                  |                    |
| Non-native plant impacts       | 1                | 7%                 |
| ORV activity                   | 1                | 7%                 |
| Other                          | 1                | 7%                 |
| Recreational use (non-ORV)     | 1                | 7%                 |
| Vandalism/dumping/litter       | 1                | 7%                 |

## Element Occurrence Data from the CNDDDB

|                                   |    |
|-----------------------------------|----|
| <b>Total Element Occurrences:</b> | 14 |
| <b>Element Occurrence Ranks:</b>  |    |
| Excellent (A)                     | 1  |
| Good (B)                          | 0  |
| Fair (C)                          | 0  |
| Poor (D)                          | 0  |
| None (X)                          | 10 |
| Unknown (U)                       | 3  |
| <b>Occurrence Status</b>          |    |
| Historical, > 20 years            | 14 |
| Recent, < 20 years                | 0  |
| <b>Presence</b>                   |    |
| Presumed Extant                   | 4  |
| Possibly Extirpated               | 4  |
| Presumed Extirpated               | 6  |

## Location

|                           |     |
|---------------------------|-----|
| <b>California Endemic</b> | Yes |
|---------------------------|-----|

### **Counties**

|  |
|--|
| Marin (MRN)*, San Mateo (SMT), Santa Cruz (SCR)* |
|--|

### **States**

|                 |
|-----------------|
| California (CA) |
|-----------------|

### **Quads**

|  |
|--|
| Big Basin (3712222)*, Castle Rock Ridge (3712221), Davenport (3712212)*, Felton (3712211)*, Laurel (3712118), Montara Mountain (3712254)*, Point Bonita (3712275)*, San Francisco North (3712274), San Francisco South (3712264)*, San Mateo (3712253)*, San Quentin (3712284)*, San Rafael (3712285)*, Santa Cruz (3612281), Soquel (3612188), Woodside (3712243) |
|--|

### **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**

Historical occurrences lost to development. MNT Co. occurrence once attributed to this species is actually *P. exilis* var. *aeolica*. See *Bulletin of the California Academy of Sciences* 1:86 (1885) for original description, and *University of California Publications in Botany* 65:1-41 (1973) for taxonomic treatment.

## **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 16 May 2024].