

## Report for *Pentachaeta exilis* ssp. *aeolica*

### TAXON DETAILS

#### Classification

<b>Scientific Name</b>	<i>Pentachaeta exilis</i> (Gray) Gray ssp. <i>aeolica</i> Van Horn & Ornduff
<b>Common Name</b>	San Benito pentachaeta
<b>Family</b>	Asteraceae
<b>Element Code</b>	PDAST6X041
<b>USDA Plants Symbol</b>	<u>PEEXA</u>
<b>Synonyms/Other Names</b>	

#### Conservation Status

<b>California Rare Plant Rank</b>	1B.2
<b>Global Rank</b>	G5T2
<b>State Rank</b>	S2
<b>CESA</b>	None
<b>FESA</b>	None
<b>Other Status</b>	BLM_S; SB_SBBG; USFS_S
<b>CRPR Changes</b>	
<b>Date Added</b>	1980-01-01
<b>Last Update</b>	2021-05-26

#### Ecology and Life History

<b>Lifeform</b>	annual herb
<b>Blooming Period</b>	Mar-May
<b>Elevation m (ft)</b>	480-855 (1575-2805)
<b>General Habitats</b>	Cismontane woodland, Valley and foothill grassland
<b>Microhabitat Details</b>	
<b>Microhabitat</b>	

**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>5</b>	<b>31%</b>
<b>Threat List:</b>		
Non-native plant impacts	4	25%
ORV activity	3	18%
Foot traffic/trampling	2	12%
Grazing	2	12%
Improper burning regime	1	6%
Feral pigs	1	6%
Other	1	6%
Recreational use (non-ORV)	1	6%
Road/trail construction/maint.	1	6%

**Element Occurrence Data from the CNDDDB**

<b>Total Element Occurrences:</b>	16
<b>Element Occurrence Ranks:</b>	
Excellent (A)	2
Good (B)	4
Fair (C)	0
Poor (D)	0
None (X)	0
Unknown (U)	10
<b>Occurrence Status</b>	
Historical, > 20 years	5
Recent, < 20 years	11
<b>Presence</b>	
Presumed Extant	16
Possibly Extirpated	0
Presumed Extirpated	0

**Location**

**California Endemic** Yes

**Counties**

Monterey (MNT), San Benito (SBT), Santa Clara (SCL)

**States**

California (CA)

**Quads**

Alder Peak (3512183), Bear Canyon (3612113), Cone Peak (3612114), Eylar Mtn. (3712145), Hepsedam Peak (3612037), Isabel Valley (3712135), Jolon (3512182), Mt. Boardman (3712144), Mt. Stakes (3712134), San Benito Mtn. (3612036)

## **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**

Threatened by vehicles and grazing. Potentially threatened by foot traffic. Possibly threatened by non-native plants. See *University of California Publications in Botany* 65:1-41 (1973) 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 30 June 2024].