

## Report for *Chaetadelpha wheeleri*

### TAXON DETAILS

#### Classification

Scientific Name	<i>Chaetadelpha wheeleri</i> Gray
Common Name	Wheeler's dune-broom
Family	Asteraceae
Element Code	PDAST21010
USDA Plants Symbol	<u>CHWH</u>
Synonyms/Other Names	

#### Conservation Status

California Rare Plant Rank	2B.2
Global Rank	G4
State Rank	S2
CESA	None
FESA	None
Other Status	
CRPR Changes	changed from 2.2 to 2B.2 on 2013-06-12
Date Added	2001-01-01
Last Update	2021-10-04

#### Ecology and Life History

Lifeform	perennial rhizomatous herb
Blooming Period	Apr-Sep
Elevation m (ft)	795-1900 (2610-6235)
General Habitats	Desert dunes, Great Basin scrub, Mojavean desert scrub
Microhabitat Details	
Microhabitat	Sandy

## Threat List Data from the CNDDDB

<b>Threat List Total:</b>		3
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>14</b>	<b>56%</b>
<b>Threat List:</b>		
Non-native plant impacts	14	56%
ORV activity	9	36%
Development	5	20%

## Element Occurrence Data from the CNDDDB

<b>Total Element Occurrences:</b>	25
<b>Element Occurrence Ranks:</b>	
Excellent (A)	1
Good (B)	9
Fair (C)	6
Poor (D)	0
None (X)	0
Unknown (U)	9
<b>Occurrence Status</b>	
Historical, > 20 years	7
Recent, < 20 years	18
<b>Presence</b>	
Presumed Extant	25
Possibly Extirpated	0
Presumed Extirpated	0

## Location

<b>California Endemic</b>	No
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### Counties

Inyo (INY), Mono (MNO)
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### States

California (CA), Nevada (NV), Oregon (OR)
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### Quads

Benton (3711874), Calvada Springs (3511588), Chalfant Valley (3711853), Chidago Canyon (3711854), Deep Springs Lake (3711831), East of Joshua Flats (3711727), Hammil Valley (3711864), Last Chance Range SW (3711716), Mound Spring (3611518), Negit Island (3811911), Stump Spring, Nev. (3511587), Sulphur Pond (3811818), Westgard Pass (3711832), White Mtn. Peak (3711863)
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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**

Threatened by vehicles and solar energy development. Possibly threatened by non-native plants. See *Proceedings of the American Academy of Arts and Sciences* 9:218 (1874) for original description, and *Madroño* 21(7):459-462 (1972) 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 13 May 2024].