

## Report for *Deinandra conjugens*

### TAXON DETAILS

#### Classification

Scientific Name	<i>Deinandra conjugens</i> (Keck) B.G. Baldwin
Common Name	Otay tarplant
Family	Asteraceae
Element Code	PDAST4R070
USDA Plants Symbol	DECO13
Synonyms/Other Names	<u><i>Hemizonia conjugens</i> Keck</u>

#### Conservation Status

California Rare Plant Rank	1B.1
Global Rank	G1
State Rank	S1
CESA	CE (11/01/79)
FESA	10/13/98 (10/13/98)
Other Status	SB_CalBG/RSABG; SB_CRES
CRPR Changes	
Date Added	1974-01-01
Last Update	2021-12-09

#### Ecology and Life History

Lifeform	annual herb
Blooming Period	(Apr)May-Jun
Elevation m (ft)	25-300 (80-985)
General Habitats	Coastal scrub, Valley and foothill grassland
Microhabitat Details	
Microhabitat	Clay

### Threat List Data from the CNDDDB

<b>Threat List Total:</b>		14
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>34</b>	<b>81%</b>
<b>Threat List:</b>		
Non-native plant impacts	25	59%
Development	21	50%
Foot traffic/trampling	15	35%
Road/trail construction/maint.	15	35%
Vandalism/dumping/litter	13	30%
ORV activity	12	28%
Erosion/runoff	10	23%
Wood cutting or brush clearing	7	16%
Other	5	11%
Improper burning regime	3	7%
Altered flood/tidal/hydrologic regime	2	4%
Recreational use (non-ORV)	2	4%
Grazing	2	4%
Non-native animal impacts	1	2%

### Element Occurrence Data from the CNDDDB

<b>Total Element Occurrences:</b>	42
<b>Element Occurrence Ranks:</b>	
Excellent (A)	0
Good (B)	11
Fair (C)	7
Poor (D)	5
None (X)	0
Unknown (U)	19
<b>Occurrence Status</b>	
Historical, > 20 years	12
Recent, < 20 years	30
<b>Presence</b>	
Presumed Extant	42
Possibly Extirpated	0
Presumed Extirpated	0

### Location

<b>California Endemic</b>	No
<b>Counties</b>	
San Diego (SDG)	
<b>States</b>	
Baja California (BA), California (CA)	

## **Quads**

Dulzura (3211667), Imperial Beach (3211751), Jamul Mountains (3211668), National City (3211761), Otay Mesa (3211658)

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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 development, agriculture, vehicles, illegal dumping, foot traffic, non-native plants, habitat disturbance, and Border Patrol activities. Possibly threatened by landfill construction. Known in BA from only one occurrence. State and federally listed as *Hemizonia conjugens*; see this name in *The Jepson Manual*. See *Aliso* 4(1):109 (1958) for original description, *Madroño* 25(3):159 (1978) for information on distribution and taxonomy, and *Novon* 9:462-471 (1999) for revised nomenclature.

## **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 29 April 2024].