

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

Threat List Total:		14
	Total EOs	Percent EOs
EOs with Threats Listed	34	81%
Threat List:		
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

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

Location

California Endemic	No
Counties	
San Diego (SDG)	
States	
Baja California (BA), California (CA)	

Quads

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

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 10 May 2024].