

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 CNDDB

| | | |
|---------------------------------------|------------------|--------------------|
| 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 CNDDB

| | |
|-----------------------------------|----|
| 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

Taxonomy

Selected References

Suggested Citation

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