

## Report for *Dodecahema leptoceras*

### TAXON DETAILS

#### Classification

Scientific Name	<i>Dodecahema leptoceras</i> (Gray) Rev. & Hardham
Common Name	slender-horned spineflower
Family	Polygonaceae
Element Code	PDPGN0V010
USDA Plants Symbol	<u>DOLE</u>
Synonyms/Other Names	<i>Chorizanthe leptoceras</i> <i>Centrostegia leptoceras</i> Gray

#### Conservation Status

California Rare Plant Rank	1B.1
Global Rank	G1
State Rank	S1
CESA	CE (01/01/82)
FESA	09/28/87 (09/28/87)
Other Status	SB_CalBG/RSABG
CRPR Changes	
Date Added	1980-01-01
Last Update	2021-12-09

#### Ecology and Life History

Lifeform	annual herb
Blooming Period	Apr-Jun
Elevation m (ft)	200-760 (655-2495)
General Habitats	Chaparral, Cismontane woodland, Coastal scrub (alluvial fans)
Microhabitat Details	
Microhabitat	Sandy

## **Threat List Data from the CNDDDB**

<b>Threat List Total:</b>		13
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>31</b>	<b>74%</b>
<b>Threat List:</b>		
Development	20	47%
Altered flood/tidal/hydrologic regime	10	23%
Non-native plant impacts	10	23%
ORV activity	10	23%
Vandalism/dumping/litter	8	19%
Other	6	14%
Mining	4	9%
Dam/Inundation	4	9%
Foot traffic/trampling	3	7%
Recreational use (non-ORV)	3	7%
Road/trail construction/maint.	3	7%
Biocides	1	2%
Erosion/runoff	1	2%

## **Element Occurrence Data from the CNDDDB**

<b>Total Element Occurrences:</b>	42
<b>Element Occurrence Ranks:</b>	
Excellent (A)	0
Good (B)	13
Fair (C)	3
Poor (D)	0
None (X)	15
Unknown (U)	11
<b>Occurrence Status</b>	
Historical, > 20 years	28
Recent, < 20 years	14
<b>Presence</b>	
Presumed Extant	27
Possibly Extirpated	7
Presumed Extirpated	8

## **Location**

<b>California Endemic</b>	Yes
<b>Counties</b>	
Los Angeles (LAX), Riverside (RIV), San Bernardino (SBD)	
<b>States</b>	
California (CA)	
<b>Quads</b>	

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Agua Dulce (3411843), Alberhill (3311764), Azusa (3411728), Blackburn Canyon (3311667), Burbank (3411823), Desert Hot Springs (3311685), Devore (3411724), El Monte (3411811), Hemet (3311668)\*, Lake Elsinore (3311763)\*, Mint Canyon (3411844)\*, Mt. Wilson (3411821)\*, Newhall (3411845), Oat Mountain (3411835), Ontario (3411716), Pasadena (3411822), Pechanga (3311741), Redlands (3411712), San Bernardino North (3411723)\*, San Bernardino South (3411713)\*, San Fernando (3411834)\*, Sunland (3411833), Vail Lake (3311648), Van Nuys (3411824), White Water (3311686), Yucaipa (3411711)\*

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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

Many historical occurrences lost to urbanization and stream channelization; currently threatened by alteration of fire regimes, development, sand and gravel mining, flood control, foot traffic, proposed reservoir construction, recreational activities, vehicles, and non-native plants. See *Proceedings of the American Academy of Arts and Sciences* 12:269 (1877) for original description, *Great Basin Naturalist Memoirs* 2:169-190 (1978) for taxonomic treatment, *Phytologia* 66(2):83-88 (1989) for revised nomenclature, and *Madroño* 44(3):305 (1997) for discussion of Vail Lake occurrence.

## 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 3 May 2024].