

Report for *Centromadia pungens* ssp. *laevis*

TAXON DETAILS

Classification

Scientific Name	<i>Centromadia pungens</i> (H. & A.) Greene ssp. <i>laevis</i> (Keck) B.G. Baldwin
Common Name	smooth tarplant
Family	Asteraceae
Element Code	PDAST4R0R4
USDA Plants Symbol	<u>CEPUL</u>
Synonyms/Other Names	<u><i>Hemizonia pungens</i> (H. & A.) T. & G. ssp. <i>laevis</i> Keck</u>

Conservation Status

California Rare Plant Rank	1B.1
Global Rank	G3G4T2
State Rank	S2
CESA	None
FESA	None
Other Status	SB_CalBG/RSABG
CRPR Changes	
Date Added	1994-01-01
Last Update	2021-10-04

Ecology and Life History

Lifeform	annual herb
Blooming Period	Apr-Sep
Elevation m (ft)	0-640 (0-2100)
General Habitats	Chenopod scrub, Meadows and seeps, Playas, Riparian woodland, Valley and foothill grassland
Microhabitat Details	
Microhabitat	Alkaline

Threat List Data from the CNDDDB

Threat List Total:		15
	Total EOs	Percent EOs
EOs with Threats Listed	77	56%
Threat List:		
Development	45	32%
Other	24	17%
Agriculture	20	14%
Disking	18	13%
Road/trail construction/maint.	16	11%
Grazing	13	9%
ORV activity	10	7%
Altered flood/tidal/hydrologic regime	9	6%
Non-native plant impacts	6	4%
Dam/Inundation	5	3%
Vandalism/dumping/litter	2	1%
Wood cutting or brush clearing	1	0%
Recreational use (non-ORV)	1	0%
Channelization	1	0%
Foot traffic/trampling	1	0%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	137
Element Occurrence Ranks:	
Excellent (A)	2
Good (B)	13
Fair (C)	25
Poor (D)	9
None (X)	14
Unknown (U)	74
Occurrence Status	
Historical, > 20 years	66
Recent, < 20 years	71
Presence	
Presumed Extant	123
Possibly Extirpated	8
Presumed Extirpated	6

Location

California Endemic	Yes
Counties	
Los Angeles (LAX), Riverside (RIV), San Bernardino (SBD), San Diego (SDG)	
States	
California (CA)	

Quads

Alberhill (3311764), Anza (3311656), Bachelor Mtn. (3311751), Beaumont (3311688), Bonsall (3311732), Borrego Sink (3311623)*, Corona North (3311785), El Cajon (3211678)*, El Casco (3311781), Escondido (3311711), Harrison Mtn. (3411722)*, Hemet (3311668), Lake Elsinore (3311763), Lake Mathews (3311774), Lakeview (3311771), Las Pulgas Canyon (3311734), Morro Hill (3311733), Murrieta (3311752), Oceanside (3311724)*, Pasadena (3411822), Perris (3311772), Prado Dam (3311786), Redlands (3411712), Riverside East (3311783), Romoland (3311762), San Bernardino North (3411723), San Bernardino South (3411713)*, San Jacinto (3311678), San Luis Rey (3311723)*, San Pasqual (3311618), San Pedro (3311863), Steele Peak (3311773), Sunnymead (3311782), Temecula (3311742), Torrance (3311873), Warners Ranch (3311626), Wildomar (3311753), Winchester (3311761)

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 may be extirpated; need information. Frequently confused with other *Centromadia* species such as *C. parryi* ssp. *australis* in ORA, LAX, and SDG cos., and *C. pungens* ssp. *pungens* in KRN Co. Need historical quads for ORA Co. Threatened by foot traffic, agriculture, road maintenance, disking, urbanization, hydrological alterations, and flood control projects. A synonym of *Hemizonia pungens* ssp. *laevis* in *TJM* (1993). See *Madroño* 3:14 (1935) for original description, and *Novon* 9:462-471 (1999) for revised nomenclature.

Threats

Taxonomy

Selected References

Suggested Citation

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