

Report for *Blepharizonia plumosa*

TAXON DETAILS

Classification

Scientific Name	<i>Blepharizonia plumosa</i> (Kell.) Greene
Common Name	big tarplant
Family	Asteraceae
Element Code	PDAST1C011
USDA Plants Symbol	BLPL
Synonyms/Other Names	<u><i>Blepharizonia plumosa</i> (Kell.) Greene ssp. <i>plumosa</i></u>

Conservation Status

California Rare Plant Rank	1B.1
Global Rank	G1G2
State Rank	S1S2
CESA	None
FESA	None
Other Status	SB_CalBG/RSABG
CRPR Changes	
Date Added	1994-01-01
Last Update	2021-08-25

Ecology and Life History

Lifeform	annual herb
Blooming Period	Jul-Oct
Elevation m (ft)	30-505 (100-1655)
General Habitats	Valley and foothill grassland
Microhabitat Details	
Microhabitat	Clay (usually)

Threat List Data from the CNDDB

Threat List Total:		9
	Total EOs	Percent EOs
EOs with Threats Listed	25	47%
Threat List:		
Grazing	13	24%
Development	11	20%
Non-native plant impacts	9	16%
Road/trail construction/maint.	5	9%
Disking	4	7%
Erosion/runoff	3	5%
ORV activity	2	3%
Other	2	3%
Improper burning regime	1	1%

Element Occurrence Data from the CNDDB

Total Element Occurrences:	53
Element Occurrence Ranks:	
Excellent (A)	6
Good (B)	24
Fair (C)	4
Poor (D)	1
None (X)	2
Unknown (U)	16
Occurrence Status	
Historical, > 20 years	37
Recent, < 20 years	16
Presence	
Presumed Extant	51
Possibly Extirpated	2
Presumed Extirpated	0

Location

California Endemic Yes

Counties

Alameda (ALA), Contra Costa (CCA), San Joaquin (SJQ), Solano (SOL)*, Stanislaus (STA)

States

California (CA)

Quads

Altamont (3712166), Antioch North (3812117)(?), Antioch South (3712187), Benicia (3812212), Brentwood (3712186), Byron Hot Springs (3712176), Clayton (3712188), Copper Mtn. (3712143), Honker Bay (3812118)(?), Midway (3712165), Patterson (3712142), Stockton West (3712183), Tracy (3712164), Union Island (3712174), Walnut Creek (3712281)(?), Westley (3712152)*

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

Historical occurrences probably extirpated by agriculture and non-native plants. Seriously threatened by urbanization; also threatened by disking, residential development, and non-native plants. See *B. plumosa* ssp. *plumosa* in *TJM* (1993). See *Proceedings of the California Academy of Sciences* 1 5:49 (1873) for original description, *Systematic Botany* 26(1):184-194 (2001) for elevation to specific rank, and *Madroño* 48(4):272-285 (2001) for demography and population biology.

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 24 December 2024].