

Report for *Eriastrum densifolium* ssp. *sanctorum***TAXON DETAILS****Classification**

Scientific Name	<i>Eriastrum densifolium</i> (Benth.) Mason ssp. <i>sanctorum</i> (Mikn.) Mason
Common Name	Santa Ana River woollystar
Family	Polemoniaceae
Element Code	PDPLM03035
USDA Plants Symbol	<u>ERDES</u>
Synonyms/Other Names	

Conservation Status

California Rare Plant Rank	1B.1
Global Rank	G4T1
State Rank	S1
CESA	CE (01/01/87)
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	perennial herb
Blooming Period	Apr-Sep
Elevation m (ft)	91-610 (300-2000)
General Habitats	Chaparral, Coastal scrub (alluvial fans)
Microhabitat Details	
Microhabitat	Gravelly (sometimes), Sandy (sometimes)

Threat List Data from the CNDDDB

Threat List Total:		17
	Total EOs	Percent EOs
EOs with Threats Listed	28	90%
Threat List:		
ORV activity	14	45%
Development	13	41%
Other	9	29%
Altered flood/tidal/hydrologic regime	8	25%
Vandalism/dumping/litter	6	19%
Mining	5	16%
Recreational use (non-ORV)	5	16%
Road/trail construction/maint.	5	16%
Foot traffic/trampling	5	16%
Dam/Inundation	4	12%
Non-native plant impacts	4	12%
Hybridization	4	12%
Channelization	3	9%
Grazing	3	9%
Disking	2	6%
Agriculture	1	3%
Surface water diversion	1	3%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	31
Element Occurrence Ranks:	
Excellent (A)	2
Good (B)	4
Fair (C)	10
Poor (D)	5
None (X)	4
Unknown (U)	6
Occurrence Status	
Historical, > 20 years	13
Recent, < 20 years	18
Presence	
Presumed Extant	27
Possibly Extirpated	2
Presumed Extirpated	2

Location

California Endemic	Yes
Counties	
Orange (ORA)*, Riverside (RIV), San Bernardino (SBD)	

States

California (CA)

Quads

Black Star Canyon (3311776)*, Corona North (3311785), Devore (3411724)*, Fontana (3411714), Forest Falls (3411618), Keller Peak (3411721), Orange (3311777), Prado Dam (3311786), Redlands (3411712), Riverside West (3311784), San Bernardino North (3411723), San Bernardino South (3411713), Yorba Linda (3311787), Yucaipa (3411711)

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, vehicles, foot traffic, sand and gravel mining, hydrological alterations, illegal dumping, road construction, flood control projects, and non-native plants. See *Crossosoma* 10(5):1-8 (1984) and *Fremontia* 13(3):19-20 (1985) for species accounts, *Fremontia* 17(3):20-21 (1989) for discussion of ecology, *Systematic Botany* 23(3):351-368 (1999) for taxonomic information, and *Madroño* 50(2):101-109 (2003) for reproductive biology.

Threats

Taxonomy

Selected References

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