

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

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

**Conservation Status**

<b>California Rare Plant Rank</b>	1B.1
<b>Global Rank</b>	G4T1
<b>State Rank</b>	S1
<b>CESA</b>	CE (01/01/87)
<b>FESA</b>	09/28/87 (09/28/87)
<b>Other Status</b>	SB_CalBG/RSABG
<b>CRPR Changes</b>	
<b>Date Added</b>	1980-01-01
<b>Last Update</b>	2021-12-09

**Ecology and Life History**

<b>Lifeform</b>	perennial herb
<b>Blooming Period</b>	Apr-Sep
<b>Elevation m (ft)</b>	91-610 (300-2000)
<b>General Habitats</b>	Chaparral, Coastal scrub (alluvial fans)
<b>Microhabitat Details</b>	
<b>Microhabitat</b>	Gravelly (sometimes), Sandy (sometimes)

### Threat List Data from the CNDDDB

<b>Threat List Total:</b>		17
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>28</b>	<b>90%</b>
<b>Threat List:</b>		
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

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

### Location

<b>California Endemic</b>	Yes
<b>Counties</b>	
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**

## **Suggested Citation**

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 12 May 2024].