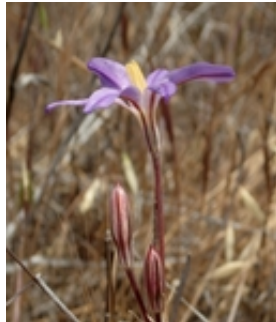


Report for *Brodiaea santarosae*

TAXON DETAILS



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Classification

Scientific Name	<i>Brodiaea santarosae</i> T. Chester, W. Armstrong & K. Madore
Common Name	Santa Rosa Basalt brodiaea
Family	Themidaceae
Element Code	PMLIL0C0G0
USDA Plants Symbol	<u>BRSA</u>
Synonyms/Other Names	

Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G1
State Rank	S1
CESA	None
FESA	None
Other Status	USFS_S
CRPR Changes	changed from 3 to 1B.2 on 2013-09-17 added to 3 on 2008-02-14
Date Added	2008-02-05
Last Update	2023-06-06

Ecology and Life History

Lifeform	perennial bulbiferous herb
Blooming Period	May-Jun
Elevation m (ft)	565-1045 (1855-3430)
General Habitats	Valley and foothill grassland
Microhabitat Details	basaltic
Microhabitat	

Threat List Data from the CNDDDB

Threat List Total:		7
	Total EOs	Percent EOs
EOs with Threats Listed	5	42%
Threat List:		
Development	3	25%
Grazing	2	16%
Road/trail construction/maint.	2	16%
Surface water diversion	1	8%
Mining	1	8%
Non-native plant impacts	1	8%
ORV activity	1	8%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	12
Element Occurrence Ranks:	
Excellent (A)	2
Good (B)	1
Fair (C)	1
Poor (D)	0
None (X)	0
Unknown (U)	8
Occurrence Status	
Historical, > 20 years	6
Recent, < 20 years	6
Presence	
Presumed Extant	12
Possibly Extirpated	0
Presumed Extirpated	0

Location

California Endemic	Yes
Counties	
Riverside (RIV), San Diego (SDG)	
States	
California (CA)	
Quads	
Fallbrook (3311743), Margarita Peak (3311744), Murrieta (3311752), Sitton Peak (3311754), Wildomar (3311753)	

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

Previously CRPR 3; plants were known as possible hybrids between *B. filifolia* and *B. orcuttii*, but are now recognized as distinct. Research into the evolutionary origin of *B. santarosae* is currently underway. Possibly threatened by development. Forms sterile hybrids with *B. terrestris* ssp. *kernensis*. Not in *TJM* (1993). See *Madroño* 54(2):187-198 (2007) for original description.

Threats

Taxononmy

Selected References

CNPS Status Review: Proposed Change from CRPR 3, G1Q / S1.3 to 1B.2, G2 / S2 (2013)

Suggested Citation

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 19 May 2024].