

## Report for *Brodiaea orcuttii*

### TAXON DETAILS



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### Classification

**Scientific Name**  
**Common Name**  
**Family**  
**Element Code**  
**USDA Plants Symbol**  
**Synonyms/Other Names**

*Brodiaea orcuttii* (Greene) Baker  
Orcutt's brodiaea  
Themidaceae  
PMLIL0C0B0  
BROR

### Conservation Status

**California Rare Plant Rank**  
**Global Rank**  
**State Rank**  
**CESA**  
**FESA**  
**Other Status**  
**CRPR Changes**  
**Date Added**  
**Last Update**

1B.1  
G2  
S2  
None  
None  
BLM\_S; SB\_CRES; USFS\_S  
1974-01-01  
2021-08-25

### Ecology and Life History

**Lifeform**  
**Blooming Period**  
**Elevation m (ft)**  
**General Habitats**

perennial bulbiferous herb  
May-Jul  
30-1692 (100-5550)  
Chaparral, Cismontane woodland, Closed-cone coniferous forest, Meadows and seeps, Valley and foothill grassland, Vernal pools

**Microhabitat Details**  
**Microhabitat**

Clay, Mesic

### 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>77</b>	<b>54%</b>
<b>Threat List:</b>		
Development	38	26%
Non-native plant impacts	28	19%
Road/trail construction/maint.	26	18%
Foot traffic/trampling	20	14%
ORV activity	19	13%
Vandalism/dumping/litter	17	11%
Other	10	7%
Erosion/runoff	7	4%
Altered flood/tidal/hydrologic regime	7	4%
Improper burning regime	5	3%
Recreational use (non-ORV)	5	3%
Wood cutting or brush clearing	4	2%
Military operations	3	2%
Grazing	3	2%
Dam/Inundation	1	0%
Surface water diversion	1	0%
Agriculture	1	0%

### Element Occurrence Data from the CNDDDB

<b>Total Element Occurrences:</b>	142
<b>Element Occurrence Ranks:</b>	
Excellent (A)	5
Good (B)	12
Fair (C)	8
Poor (D)	12
None (X)	16
Unknown (U)	89
<b>Occurrence Status</b>	
Historical, > 20 years	81
Recent, < 20 years	61
<b>Presence</b>	
Presumed Extant	126
Possibly Extirpated	7
Presumed Extirpated	9

### Location

<b>California Endemic</b>	Yes
<b>Counties</b>	
Riverside (RIV), San Diego (SDG)	

## **States**

California (CA)

## **Quads**

Alpine (3211677), Barrett Lake (3211666), Boucher Hill (3311638), Cuyamaca Peak (3211685), Del Mar (3211782), Descanso (3211675), Dulzura (3211667), El Cajon (3211678), El Cajon Mtn. (3211687), Encinitas (3311713), Jamul Mountains (3211668), Julian (3311615), La Jolla (3211772), La Mesa (3211771), Margarita Peak (3311744), Mesa Grande (3311627), Morena Reservoir (3211665), Morro Hill (3311733), Mount Laguna (3211674), Otay Mesa (3211658), Otay Mountain (3211657), Pala (3311731), Palomar Observatory (3311637), Pechanga (3311741), Poway (3211781), Ramona (3311617), Rancho Santa Fe (3311712), Rodriguez Mtn. (3311628), San Marcos (3311722), San Pasqual (3311618), San Vicente Reservoir (3211688), Santa Ysabel (3311616), Tecate (3211656), Temecula (3311742), Valley Center (3311721), Viejas Mountain (3211676), Warner Springs (3311636)

## **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 need field surveys. Seriously threatened by development, foot traffic, grazing, non-native plants, military activities, vehicles, road construction, road maintenance, and dumping. Hybridizes with *B. filifolia*. See *Bulletin of the California Academy of Sciences* 2:138 (1886) for original description, and *University of California Publications in Botany* 60:59-61 (1971) for taxonomic treatment.

## **Threats**

## **Taxononmy**

## **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].