

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

Threat List Total:		17
	Total EOs	Percent EOs
EOs with Threats Listed	77	54%
Threat List:		
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

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

Location

California Endemic	Yes
Counties	
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

Taxonomy

Selected References

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California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 2 May 2024].