

Report for *Caulanthus lemmonii*

TAXON DETAILS

Classification

Scientific Name	<i>Caulanthus lemmonii</i> S. Watson
Common Name	Lemmon's jewelflower
Family	Brassicaceae
Element Code	PDBRA0M0E0
USDA Plants Symbol	CALE25
Synonyms/Other Names	<u><i>Caulanthus coulteri</i> var. <i>lemmonii</i></u>

Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G3
State Rank	S3
CESA	None
FESA	None
Other Status	BLM_S; SB_SBBG; USFS_S
CRPR Changes	
Date Added	2001-01-01
Last Update	2021-05-26

Ecology and Life History

Lifeform	annual herb
Blooming Period	Feb-May
Elevation m (ft)	80-1580 (260-5185)
General Habitats	Pinyon and juniper woodland, Valley and foothill grassland
Microhabitat Details	
Microhabitat	

Threat List Data from the CNDDDB

Threat List Total:		10
	Total EOs	Percent EOs
EOs with Threats Listed	18	20%
Threat List:		
Grazing	9	9%
Non-native plant impacts	9	9%
ORV activity	1	1%
Road/trail construction/maint.	1	1%
Improper burning regime	1	1%
Military operations	1	1%
Dam/Inundation	1	1%
Erosion/runoff	1	1%
Feral pigs	1	1%
Foot traffic/trampling	1	1%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	91
Element Occurrence Ranks:	
Excellent (A)	7
Good (B)	8
Fair (C)	2
Poor (D)	1
None (X)	0
Unknown (U)	73
Occurrence Status	
Historical, > 20 years	62
Recent, < 20 years	29
Presence	
Presumed Extant	91
Possibly Extirpated	0
Presumed Extirpated	0

Location

California Endemic	Yes
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Counties

Alameda (ALA)*, Fresno (FRE), Kern (KRN), Kings (KNG), Merced (MER), Monterey (MNT), San Joaquin (SJJ), San Luis Obispo (SLO), Santa Barbara (SBA), Stanislaus (STA), Ventura (VEN)

States

California (CA)

Quads

Adelaida (3512067), Apache Canyon (3411973), Avenal (3612012), Ballinger Canyon (3411984), Bradley (3512077), Bryson (3512171), Caliente Mtn. (3511917), Camatta Ranch (3512043), Chimineas Ranch (3511928), Cholame (3512063), Cholame Hills (3512074), Cholame Valley (3512073), Curry Mountain (3612014), Cuyama (3411985), Cuyama Peak (3411974), Fox Mountain (3411975), Frazier Mtn. (3411878), Garza Peak (3512082), Grapevine (3411888), Greenfield (3612132), Hames Valley (3512088), Holland Canyon (3512052), Junipero Serra Peak (3612124), Kettleman Plain (3512081), La Cima (3612011), La Panza (3512032), La Panza NE (3512041), La Panza Ranch (3512042), Lone Tree Creek (3712154), Lonoak (3612038), Los Banos Valley (3612181), Maricopa (3511914), McKittrick Summit (3511937), Mettler (3511818), Midway (3712165), Monarch Peak (3612027), Natrass Valley (3612028), New Cuyama (3411986), North Chalona Peak (3612142), Orchard Peak (3512062), Ortigalita Peak NW (3612088), Packwood Creek (3512051), Painted Rock (3511927), Paraiso Springs (3612133), Parkfield (3512084), Paso Robles (3512066), Patterson (3712142), Pleito Hills (3411981), Pozo Summit (3512033), Ranchito Canyon (3512075), Rancho Nuevo Creek (3411964), Reward (3511936), Reyes Peak (3411963), Salisbury Potrero (3411976), San Miguel (3512076), Shandon (3512064), Solyo (3712153), Stockdale Mountain (3512085), Sycamore Flat (3612134), Taylor Canyon (3511918), Templeton (3512056), Tent Hills (3512072), The Dark Hole (3512083), Tierra Redonda Mountain (3512078), Wells Ranch (3511916), Westley (3712152), Wheeler Springs (3411953), Williams Hill (3512181), Wilson Corner (3512044)

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

Need quads for SBT Co. Threatened by development, grazing, and vehicles. See *Proceedings of the American Academy of Arts and Sciences* 23:261 (1888) for original description, and *Aliso* 4(3):503 (1960) for revised nomenclature.

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 24 November 2024].