

Report for *Navarretia nigelliformis* ssp. *radians*

TAXON DETAILS

Classification

Scientific Name	<i>Navarretia nigelliformis</i> Greene ssp. <i>radians</i> (J.T. Howell) A.G. Day
Common Name	shining navarretia
Family	Polemoniaceae
Element Code	PDPLM0C0J2
USDA Plants Symbol	<u>NANIR</u>
Synonyms/Other Names	

Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G4T2
State Rank	S2
CESA	None
FESA	None
Other Status	BLM_S
CRPR Changes	
Date Added	1994-01-01
Last Update	2022-06-08

Ecology and Life History

Lifeform	annual herb
Blooming Period	(Mar)Apr-Jul
Elevation m (ft)	65-1000 (215-3280)
General Habitats	Cismontane woodland, Valley and foothill grassland, Vernal pools
Microhabitat Details	
Microhabitat	Clay (sometimes)

Threat List Data from the CNDDDB

Threat List Total:		13
	Total EOs	Percent EOs
EOs with Threats Listed	61	60%
Threat List:		
Development	30	29%
Grazing	30	29%
Non-native plant impacts	15	14%
Improper burning regime	10	9%
Military operations	9	8%
Feral pigs	9	8%
Foot traffic/trampling	8	7%
Road/trail construction/maint.	8	7%
Recreational use (non-ORV)	7	6%
ORV activity	7	6%
Erosion/runoff	2	1%
Agriculture	2	1%
Other	1	0%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	102
Element Occurrence Ranks:	
Excellent (A)	11
Good (B)	17
Fair (C)	17
Poor (D)	2
None (X)	2
Unknown (U)	53
Occurrence Status	
Historical, > 20 years	56
Recent, < 20 years	46
Presence	
Presumed Extant	100
Possibly Extirpated	2
Presumed Extirpated	0

Location

California Endemic	Yes
Counties	
Alameda (ALA), Colusa (COL), Contra Costa (CCA), Fresno (FRE), Madera (MAD), Merced (MER), Monterey (MNT), San Benito (SBT), San Joaquin (SJQ), San Luis Obispo (SLO), Stanislaus (STA), Tulare (TUL)	
States	
California (CA)	

Quads

Adelaida (3512067), Antioch South (3712187), Bickmore Canyon (3612152), Bradley (3512077), California Valley (3512031), Cholame (3512063), Cholame Valley (3512073), Ciervo Mtn. (3612045), Clifton Court Forebay (3712175), Cosio Knob (3612112), Creston (3512055), Curry Mountain (3612014), Daulton (3711918), Estrella (3512065), Haystack Mtn. (3712043), Hepsedam Peak (3612037), Hernandez Reservoir (3612047), Idria (3612046), Kismet (3712011), Le Grand (3712022), Lodoga (3912234), Lonoak (3612038), Los Banos Valley (3612181), Mariposa Peak (3612182), Merced (3712034), Midway (3712165), Monarch Peak (3612027), Owens Reservoir (3712032), Parkfield (3512084), Paso Robles (3512066), Patterson (3712142), Planada (3712033), Priest Valley (3612026), Raymond (3711928), Rock Spring Peak (3612048), Salt Canyon (3912213), San Benito (3612151), San Benito Mtn. (3612036), San Miguel (3512076), Santa Margarita (3512045), Shedd Canyon (3512054), Smith Mountain (3612015), Success Dam (3611818), Templeton (3512056), Tent Hills (3512072), The Dark Hole (3512083), Wilbur Springs (3912214), Yosemite Lake (3712044)

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. Possibly threatened by grazing and competition from non-native plants. Similar to *N. heterandra*. See *Leaflets of Western Botany* 2(8):136 (1938) for original description, and *Novon* 3(4):331-340 (1993) for revised nomenclature.

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 17 May 2024].