

Report for *Navarretia fossalis*

TAXON DETAILS

Classification

Scientific Name	<i>Navarretia fossalis</i> Moran
Common Name	spreading navarretia
Family	Polemoniaceae
Element Code	PDPLM0C080
USDA Plants Symbol	NAFO
Synonyms/Other Names	

Conservation Status

California Rare Plant Rank	1B.1
Global Rank	G2
State Rank	S2
CESA	None
FESA	10/13/98 (10/13/98)
Other Status	SB_CalBG/RSABG; SB_CRES
CRPR Changes	
Date Added	1980-01-01
Last Update	2021-05-26

Ecology and Life History

Lifeform	annual herb
Blooming Period	Apr-Jun
Elevation m (ft)	30-655 (100-2150)
General Habitats	Chenopod scrub, Marshes and swamps (shallow freshwater), Playas, Vernal pools
Microhabitat Details	
Microhabitat	

Threat List Data from the CNDDDB

Threat List Total:		18
	Total EOs	Percent EOs
EOs with Threats Listed	50	61%
Threat List:		
Development	34	41%
Non-native plant impacts	15	18%
ORV activity	14	17%
Disking	11	13%
Road/trail construction/maint.	10	12%
Vandalism/dumping/litter	9	10%
Grazing	9	10%
Agriculture	9	10%
Foot traffic/trampling	8	9%
Altered flood/tidal/hydrologic regime	7	8%
Other	5	6%
Recreational use (non-ORV)	3	3%
Waterway bank protection/maintenance	1	1%
Surface water diversion	1	1%
Biocides	1	1%
Channelization	1	1%
Improper burning regime	1	1%
Erosion/runoff	1	1%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	82
Element Occurrence Ranks:	
Excellent (A)	6
Good (B)	14
Fair (C)	11
Poor (D)	7
None (X)	10
Unknown (U)	34
Occurrence Status	
Historical, > 20 years	33
Recent, < 20 years	49
Presence	
Presumed Extant	72
Possibly Extirpated	5
Presumed Extirpated	5

Location

California Endemic	No
Counties	
Los Angeles (LAX), Riverside (RIV), San Diego (SDG), San Luis Obispo (SLO)	

States

Baja California (BA), California (CA)

Quads

Bachelor Mtn. (3311751), Creston (3512055), Del Mar (3211782), Encinitas (3311713), Imperial Beach (3211751), Inglewood (3311883), Jamul Mountains (3211668), La Jolla (3211772), Lake Hughes (3411864), Lakeview (3311771), Las Pulgas Canyon (3311734), Mint Canyon (3411844), Murrieta (3311752), Oceanside (3311724), Otay Mesa (3211658), Pechanga (3311741), Perris (3311772), Poway (3211781), Rancho Santa Fe (3311712), Romoland (3311762), San Luis Rey (3311723), San Marcos (3311722), San Pasqual (3311618), Shedd Canyon (3512054), Winchester (3311761)

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 urbanization, agriculture, road construction, grazing, flood control, non-native plants, illegal dumping, foot traffic, and vehicles. Potentially threatened by hydrological alterations. See *Madroño* 24(3):155-159 (1977) for original description and 45(4):327-328 (1998) for distribution information.

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].