

Report for *Nasturtium gambelii*

TAXON DETAILS

Classification

Scientific Name	<i>Nasturtium gambelii</i> (S. Watson) O.E. Schulz
Common Name	Gambel's water cress
Family	Brassicaceae
Element Code	PDBRA270V0
USDA Plants Symbol	<u>NAGA</u>
Synonyms/Other Names	<u><i>Rorippa gambelii</i></u> <u><i>Cardamine gambelii</i> S. Watson</u> <u><i>Rorippa gambelii</i> (S. Watson) Rollins & Al-Shehbaz</u>

Conservation Status

California Rare Plant Rank	1B.1
Global Rank	G1
State Rank	S1
CESA	CT (01/01/90)
FESA	08/03/93 (08/03/93)
Other Status	SB_CaIBG/RSABG; SB_SBBG
CRPR Changes	
Date Added	1980-01-01
Last Update	2023-11-08

Ecology and Life History

Lifeform	perennial rhizomatous herb
Blooming Period	Apr-Oct
Elevation m (ft)	5-330 (15-1085)
General Habitats	Marshes and swamps (brackish, freshwater)
Microhabitat Details	
Microhabitat	

Threat List Data from the CNDDDB

Threat List Total:		12
	Total EOs	Percent EOs
EOs with Threats Listed	12	92%
Threat List:		
Development	8	61%
Altered flood/tidal/hydrologic regime	3	23%
Groundwater pumping	3	23%
Hybridization	3	23%
Non-native plant impacts	3	23%
Agriculture	2	15%
Other	2	15%
Surface water diversion	2	15%
Vandalism/dumping/litter	1	7%
Recreational use (non-ORV)	1	7%
Foot traffic/trampling	1	7%
ORV activity	1	7%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	13
Element Occurrence Ranks:	
Excellent (A)	0
Good (B)	1
Fair (C)	0
Poor (D)	0
None (X)	11
Unknown (U)	1
Occurrence Status	
Historical, > 20 years	11
Recent, < 20 years	2
Presence	
Presumed Extant	2
Possibly Extirpated	4
Presumed Extirpated	7

Location

California Endemic	No
Counties	
Los Angeles (LAX), Orange (ORA), San Bernardino (SBD)*, San Luis Obispo (SLO), Santa Barbara (SBA)	
States	
Baja California (BA), California (CA)	
Quads	

Anaheim (3311778), Casmalia (3412075), Hollywood (3411813), Newport Beach (3311768), Oceano (3512015), Orange (3311777), Orcutt (3412074), San Bernardino South (3411713)*, Santa Barbara (3411946), Seal Beach (3311861), Tustin (3311767)

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

Nearly extinct in U.S. Historical report from SDG Co. likely constitutes a misidentification. Black Lake Cyn. and Little Oso Flaco Lake populations not seen in 1998, possibly extirpated (Information in the preceding sentences may need to be altered pending verification of the known occurrences of this taxon). Recovery plan prepared by USFWS in 1994. See *Proceedings of the American Academy of Arts and Sciences* 11:147 (1876) for original description, and *Novon* 8(2): 124-126 (1998) for revised nomenclature.

Threats

Seriously threatened by habitat loss, erosion, and *Eucalyptus* that may be altering hydrology at Black Lake Cyn.

Taxonomy

Seriously threatened by habitat loss, erosion, and *Eucalyptus* that may be altering hydrology at Black Lake Cyn.

Selected References

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