

## 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	NAGA
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 &amp; 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_CalBG/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**

<b>Threat List Total:</b>		12
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>12</b>	<b>92%</b>
<b>Threat List:</b>		
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**

<b>Total Element Occurrences:</b>	13
<b>Element Occurrence Ranks:</b>	
Excellent (A)	0
Good (B)	1
Fair (C)	0
Poor (D)	0
None (X)	11
Unknown (U)	1
<b>Occurrence Status</b>	
Historical, > 20 years	11
Recent, < 20 years	2
<b>Presence</b>	
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**

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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)

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## **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**

## **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].