

**CNPS Inventory of Rare and Endangered Plants of
California**

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PLANT DETAIL



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Classification

Scientific Name

Cardamine nuttallii Greene var.
gemmata (Greene) Roll.

Common Name

yellow-tubered toothwort

Family

Brassicaceae

Element Code Name

PDBRA0K0R3

USDA Plants Symbol

CANUG

Synonyms/Other Names

Dentaria gemmata
Cardamine gemmata Greene

Conservation Status

California Rare Plant Rank

3.3

Global Rank

G5T3Q

State Rank

S2

CESA

None

FESA

None

Other Status

CRPR Changes

changed from 1B.3 to 3.3 on
2012-04-10

Date Added

1/1/1974

Last Change

10/4/2021

Ecology and Life History

Lifeform

perennial rhizomatous herb

Blooming Period

Apr-May(Jun)

Elevation: m (ft)

100-700 (330-2295)

General Habitat

Lower montane coniferous forest,
North Coast coniferous forest

General MicroHabitat

Micro Habitat

Serpentinite

Element Occurrence Data from California Natural Diversity Database

Total Element Occurrences 17

Element Occurrence Ranks

Excellent (A)	0
Good (B)	3
Fair (C)	1
Poor (D)	0
None (X)	0
Unknown (U)	13

Occurrence Status

Historical, > 20 years	17
Recent, < 20 years	0

Presence

Presumed Extant	17
Possibly Extirpated	0
Presumed Extirpated	0

Location

CA Endemic No

Counties

Del Norte (DNT)

States

California (CA), Oregon (OR), Washington (WA)

Quads

Crescent City (4112472), Gasquet (4112378), High Divide (4112481), High Plateau Mtn. (4112388), Hiouchi (4112471), Hurdygurdy Butte (4112377), Shelly Creek Ridge (4112387), Smith River (4112482)

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.

General Notes

Previously on List 1B.3. Possibly threatened by mining. Candidate for state listing in OR. Main distinction between varieties of *C. nuttallii* treated in *TJM* (1993) is differences in rhizomal leaves; however, rhizomal leaf morphology has been found to be highly variable and generally not useful for recognizing varieties within the species. Needs field surveys and further study. A synonym of *C. nuttallii* in *TJM* 2. USFWS uses the name *C. gemmata*. See *Pittonia* 1:162 (1888) for original description, and *Harvard Papers in Botany* 4:43-48 (1993) for revised nomenclature.

Distribution

Threats

Possibly threatened by mining.

Taxonomy

Main distinction between varieties of *C. nuttallii* treated in *TJM* (1993) is differences in rhizomal leaves; however, rhizomal leaf morphology has been found to be highly variable and generally not useful for recognizing varieties within the species. Needs field surveys and further study. A synonym of *C. nuttallii* in *TJM 2*.

Other

Possibly threatened by mining.

References

See *Pittonia* 1:162 (1888) for original description, and *Harvard Papers in Botany* 4:43-48 (1993) for revised nomenclature.