PLANT DETAIL

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

Serpentine

---

**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