

# CNPS Inventory of Rare and Endangered Plants of

## California

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CALIFORNIA  
NATIVE PLANT SOCIETY

### PLANT DETAIL

#### Classification

|                             |  |
|-----------------------------|--|
| <b>Scientific Name</b>      | <i>Piperia michaelii</i> (Greene) Rydb.                                  |
| <b>Common Name</b>          | Michael's rein orchid  |
| <b>Family</b>               | Orchidaceae  |
| <b>Element Code Name</b>    | PMORC1X110   |
| <b>USDA Plants Symbol</b>   | PIMI6  |
| <b>Synonyms/Other Names</b> | <i>Piperia elongata</i> Rydb. ssp. <i>michaelii</i><br>(Greene) Ackerman |

#### Conservation Status

|                                   |           |
|-----------------------------------|-----------|
| <b>California Rare Plant Rank</b> | 4.2       |
| <b>Global Rank</b>                | G3        |
| <b>State Rank</b>                 | S3        |
| <b>CESA</b>                       | None      |
| <b>FESA</b>                       | None      |
| <b>Other Status</b>               | SB_SBBG   |
| <b>CRPR Changes</b>               |           |
| <b>Date Added</b>                 | 1/1/1984  |
| <b>Last Change</b>                | 5/26/2021 |

#### Ecology and Life History

|                          |   |
|--------------------------|---|
| <b>Lifeform</b>          | perennial herb  |
| <b>Blooming Period</b>   | Apr-Aug   |
| <b>Elevation: m (ft)</b> | 3-915 (10-3000)   |
| <b>General Habitat</b>   | Chaparral, Cismontane woodland,<br>Closed-cone coniferous forest,<br>Coastal bluff scrub, Coastal scrub,<br>Lower montane coniferous forest |

#### General MicroHabitat

#### Micro Habitat

#### Element Occurrence Data from California Natural Diversity Database

|                                  |   |
|----------------------------------|---|
| <b>Total Element Occurrences</b> | 0 |
| <b>Element Occurrence Ranks</b>  |   |
| Excellent (A)                    | 0 |
| Good (B)                         | 0 |
| Fair (C)                         | 0 |
| Poor (D)                         | 0 |

|                          |   |
|--------------------------|---|
| None (X)                 | 0 |
| Unknown (U)              | 0 |
| <b>Occurrence Status</b> |   |
| Historical, > 20 years   | 0 |
| Recent, < 20 years       | 0 |
| <b>Presence</b>          |   |
| Presumed Extant          | 0 |
| Possibly Extirpated      | 0 |
| Presumed Extirpated      | 0 |

## Location

**CA Endemic** Yes

### Counties

Alameda (ALA), Contra Costa (CCA), Lake (LAK), Marin (MRN), Merced (MER), Monterey (MNT), San Benito (SBT), San Luis Obispo (SLO), San Mateo (SMT), Santa Cruz (SCR), Tuolumne (TUO), Ventura (VEN)(?)

### States

California (CA)

### Quads

Cedar Mtn. (3712155), Clayton (3712188), Clearlake Highlands (3812286), Davenport (3712212), Hayward (3712261), Hepsedam Peak (3612037), Lopez Mtn. (3512035), Marina (3612167), Monterey (3612158), Newbury Park (3411828), Old Man Mountain (3411954), Pacheco Pass (3712112), Palo Alto (3712242), Prunedale (3612176), San Benito Mtn. (3612036), San Luis Obispo (3512036), San Quentin (3712284), Seaside (3612157), Soberanes Point (3612148), Sonora (3712084), Tomales (3812228), Watsonville West (3612187)

### 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

Recent surveys in VEN Co. have been unsuccessful. Known from SCZ Isl. from a single collection in 1968. Possibly threatened by road widening. See *Bulletin of the California Academy of Sciences* 1:282 (1885) for original description, *Bulletin of the Torrey Botanical Club* 28:640 (1901) for revised nomenclature, and *The Wild Orchids of California*, p. 126-128 (1995) by R. Coleman for species account.

## Distribution

## Threats

**Taxonomy**

**Other**

**References**