

**Rare Plant Status Review: *Collomia tenella*
Proposed New Add to List 2.2**

Nicholas Jensen (CNPS) and Roxanne Bittman (CNDDDB)
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Changes made since the original status review appear in blue.

Background

Collomia tenella is an herbaceous annual in the Polemoniaceae. It was recently collected for the first time in California by Glenn Clifton in July of 2007. *C. tenella* will be included as native to California in *The Jepson Manual*, 2nd Edition (Leigh Johnson, pers. comm. 2009). It is distinguished from other species of *Collomia* based on the size and color of its flowers and the length of its sepal lobes (Glenn Clifton, pers. comm. 2007). *C. tenella* flowers between June and July.

In California, *C. tenella* is found growing "on volcanic soil on a steep slope in an opening" within upper montane coniferous forest habitat at approximately 2170 meters in elevation.

In California, *C. tenella* is known from a single occurrence in the Warner Mountains of southeastern Modoc County. *C. tenella* also occurs in Idaho, Nevada, Oregon, Utah, Washington, Wyoming, and British Columbia. It is ranked as a G4? taxon by NatureServe, is state-ranked as S2? (Vulnerable) in Utah and S3 in Wyoming, and was listed as Endangered in Canada in 2003. Suitable habitat in the vicinity of the California occurrence should be searched for additional occurrences. The population size at the California occurrence is unknown.

The California occurrence of *C. tenella* is located on land managed by the Modoc National Forest. Although there are no known threats to this population, its vulnerability to stochastic events lead us to recommend a .2 threat ranking for *C. tenella*. *C. tenella* is possibly threatened by grazing and trampling.

Based on this information CNPS and CNDDDB recommend that *Collomia tenella* be added to CNPS List 2.2.

Recommended Actions

CNPS: Add to CNPS List 2.2

CNDDDB: Add to CNDDDB as G4? / S1

Please review the draft CNPS Inventory record below, respond Yes or No on the proposal to add this species to the Inventory and CNDDDB, and provide any edits/comments. If responding No, please provide supporting information.

Draft CNPS Inventory Record

Sent to MP, NW, D. Wilken, L. Johnson on 3/5/09

Element Code: PDPLM02090
Added to CNPS List 2.2 on 2009-04-17

Collomia tenella A. Gray

diffuse slender collomia

Polemoniaceae

List 2.2

Modoc

PDPLM02090

Upper montane coniferous forest / volcanic. 2170 meters

Annual herb. Blooms June-July.

Possibly threatened by grazing and trampling.