

**Rare Plant Status Review:**

***Silene salmonacea***

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**Background**

*Silene salmonacea* is a perennial herb in the Caryophyllaceae. *S. salmonacea* is a newly described species from the Klamath Mountains region of Trinity County (*Madrono* 53(1): 72-76 (2006)). This species is currently known from 6 occurrences with between 3 plants to 250 plants at each site. It occurs in open areas of mixed evergreen forests on serpentine and iron rich soils between 774 and 1043 meters in elevation. According to the Jepson Interchange website and *Madrono* article, *S. salmonacea* has been determined to be a species native to California and will be included in the 2<sup>nd</sup> edition of *The Jepson Manual*. This species can be separated from similar species by having 2 petal appendages with salmon-orange colored limbs and claws that are white but become green at the base. This species also has long exerted anthers. *S. salmonacea* is endemic to Trinity County in California and "appears to be very rare" (*Madrono* 53(1): 72-76 (2006)). One occurrence of the species is in an area that appears to have been recently disturbed by logging.

*S. salmonacea* is a California endemic with 6 occurrences in Trinity County and requires review for inclusion in both the CNPS inventory and the CNDDDB.

**Recommended Actions**

**CNPS:** Add to CNPS List 1B.2

**CNDDDB:** Add to CNDDDB as G1G2/S1S2.2

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 on either of the proposed changes.

**Draft CNPS Inventory Record**

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***Silene salmonacea* T.W. Nelson, J.P. Nelson & S.A. Erwin**

Caryophyllaceae

List 1B.2

Trinity

667A [Covington Mill/4012287], 667C [Rush Creek Lakes/4012278], 667D [Trinity Dam/4012277]

Lower montane coniferous forest / serpentinite, openings; elevation 775-1045 meters.

Perennial herb, blooms June.

See *Madrono* 53(1): 72-76 (2006) for original description.