

**Rare Plant Status Review: *Lysimachia thyrsiflora***  
Nicholas Jensen (CNPS) and Roxanne Bittman (CNDDDB)  
December 4, 2008  
New Addition to List 2.3

**Background**

*Lysimachia thyrsiflora* is a perennial herb in the Myrsinaceae (previously included in the Primulaceae). *L. thyrsiflora* is included in *The Jepson Manual* (1993) and *The Jepson Manual* (2<sup>nd</sup> Edition, Myrsinaceae treatment available online at <http://ucjeps.berkeley.edu/tjm2/review/treatments/myrsinaceae.html>).

*L. thyrsiflora* is distinguished from *L. nummularia* (the only other *Lysimachia* species documented in California) based on growth habit, petiole length, and floral characteristics. In California, *L. thyrsiflora* flowers between May and August.

*L. thyrsiflora* is known from lake margins, along streams, and in wet meadows within upper montane coniferous forest and marsh or swamp habitats from 975-1675 meters in elevation. *A Flora of Lassen Volcanic National Park, California* (Gillette, et. al. 1995) states that at Willow Lake *L. thyrsiflora* "grows in 1 to 2 feet of water on the swampy margin of the lake...and among grasses, sedges, and rushes at the outlet of the lake."

In California, *L. thyrsiflora* is known from only 4 occurrences in Plumas and Shasta Counties. *The Jepson Manual* (2<sup>nd</sup> edition) indicates that *L. thyrsiflora* also occurs in Calaveras County in the central Sierra Nevada Foothills. No specimen or literature documentation, however, was available to substantiate *L. thyrsiflora*'s occurrence in that county. *L. thyrsiflora* is widely distributed across northern North America, Europe, and Asia, and is ranked as a G5 taxon by NatureServe.

In California, suitable habitat within and beyond the known range of *L. thyrsiflora* should be searched for additional occurrences.

No information is available about threats to any of the occurrences of *L. thyrsiflora*. Land in the vicinity of the California occurrences of *L. thyrsiflora* is managed by the U.S. Forest Service and the National Park Service.

Based on the available information, CNPS and CNDDDB recommend that *L. thyrsiflora* be added to CNPS List 2.3

**Recommended Actions**

CNPS: Add to CNPS List 2.3

CNDDDB: Add to CNDDDB as G5 / 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.

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### **Draft CNPS Inventory Record**

*Lysimachia thyrsiflora* L.

tufted loosestrife

Myrsinaceae

List 2.3

Plumas, Shasta, Calaveras?; Colorado, Montana, Oregon, Utah, Washington, Wyoming

Fall River Mills (678C) 4112114, Burney (662B) 4012186, Mt. Harkness (625A) 4012143

Meadows (mesic), marsh or swamp, upper montane coniferous forest; elevation 975- 1675 meters.

Perennial herb. Blooms May-August.

Known in California from fewer than 5 occurrences.