

Retained on List 2.2 on 7/2/08

**Rare Plant Status Review**  
**Deletion of *Loeflingia squarrosa* var. *artemisiarum***  
 Nicholas Jensen (CNPS) and Roxanne Bittman (CNDDDB)  
 May 21, 2008

**Background**

*Loeflingia squarrosa* var. *artemisiarum* is currently on CNPS List 2.2. Historically, R.C. Barneby and E.C. Twisselmann (1970) recognized four subspecies of *Loeflingia squarrosa* based on growth habit, stature, and a number of other morphological characteristics. In the *Flora of North America* (Vol. 5), Ron Hartman and Rich Rabeler, indicate that these four subspecies, "are best regarded as geographical races of the species," and treat *Loeflingia* as monospecific, and without infraspecific taxa. They cite the, "overlap in expressions of and the lack of correlation of the characters," and other reasons as the basis for their treatment. Accordingly, in their treatment of Caryophyllaceae in the Second Edition of the *Jepson Manual*, Hartman and Rabeler treat *L. squarrosa* without infraspecific taxa (available online at:

[Http://ucjeps.berkeley.edu/tjm2/review/treatments/caryophyllaceae.html](http://ucjeps.berkeley.edu/tjm2/review/treatments/caryophyllaceae.html)). The Jepson Online Interchange treats *L. squarrosa* v. *artemisiarum* as a synonym of *L. squarrosa*.

*Loeflingia squarrosa* is a common taxon that is known from disturbed areas and redwood/Douglas-fir forests from 100-1220 meters in elevation. In California, *L. squarrosa* is known from is known from approximately 18 counties. The Consortium of California Herbaria contains 169 records for this taxon.

Based on this information, CNPS and CNDDDB recommend the deletion of *Loeflingia squarrosa* var. *artemisiarum* from the CNPS Inventory.

**Recommended Actions**

**CNPS:** Delete *Loeflingia squarrosa* var. *artemisiarum* from CNPS List 2.2

**CNDDDB:** Delete *Loeflingia squarrosa* var. *artemisiarum* from CNDDDB, G5T2T3/S2.2

The current CNPS Inventory record is below. Please respond Yes or No on the proposal to Delete this species from the Inventory and CNDDDB, and provide any edits/comments on the proposed change.

## Current CNPS Inventory Record

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*Loeflingia squarrosa* Nutt. var. *artemisiarum* (Barneby & Twisselm.) R. Dorn  
 sagebrush loeflingia  
 Caryophyllaceae  
 List 2.2  
 Inyo (INY), Kern (KRN), Lassen (LAS), Los Angeles (LAX), San Bernardino (SBD), Nevada (NV), Oregon (OR), Wyoming (WY)  
 Baldy Mesa (133B) 3411744, Lancaster East (161A) 3411861, Palmdale (161D) 3411851, Kramer Junction (184A) 3411785, Leuhman Ridge (184B) 3411786, Rogers Lake North (185A) 3411787, Redman (185C) 3411778, Rogers Lake South (185D) 3411777, Soledad Mountain (186B) 3411882,

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Rosamond (186C) 3411872, Rosamond Lake (186D) 3411871, Boron (209C) 3511716, Keene (213A) 3511825, Tinemaha Reservoir (392C) 3711812, Big Pine (393A) 3711823, Beckwourth Pass (586D) 3912071, Calneva Lake (602A) 4012021, Doyle (602D) 4012011, Observation Peak (656C) 4012072

Desert dunes, Great Basin scrub, Sonoran desert scrub/sandy; elevation 700-1615 meters.

Annual herb, blooms April-May

Threatened by grazing and vehicles. See *Madroño* 20(8):406 (1970) for original description.