

Rare Plant Status Review: *Micromonolepis pusilla*
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April 2, 2007

Information in blue text is has been added/changed based on reviewer comments.

Background

Micromonolepis pusilla is an annual herb in the Amaranthaceae. This species used to be in the genus *Monolepis* and the family Chenopodiaceae; however, the species will be included in the *Flora of North America* and the new edition of *The Jepson Manual* as *Micomonolepis pusilla*, in the Amaranthaceae. *M. pusilla* occurs in a number of states (Colorado, Idaho, Nevada, Oregon, Utah, Washington, Wyoming); however, in California, this species appears to be restricted to a few occurrences in Modoc, Lassen, and Mono Counties. It occurs in alkaline areas in Great Basin scrub habitat between 1500 and 2400 meters in elevation.

M. pusilla is currently known from 6 occurrences- 2 from Lassen County (Horse Lake and Smoke Creek Rd.), 3 from Mono County (Crowley Lake and Deer Springs area), and 1 from Modoc County (Eagleville area). *M. pusilla* was nominated for inclusion in the CNPS *Inventory* by Glenn Clifton, who mentions that he has only seen this species once. Due to the small number of occurrences of this species, *M. pusilla* requires review for inclusion in both the CNPS *Inventory* and the CNDDDB.

Recommended Actions

CNPS: Add to CNPS List 2.3

CNDDDB: Add to CNDDDB as G5 / S2.3?

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

Micromonolepis pusilla (Torrey ex S. Watson) Ulbrich

Amaranthaceae

"dwarf monolepis"

List 2.3

Lassen, Modoc, Mono; Colorado, Idaho, Nevada, Oregon, Utah, Washington, Wyoming
433A [Banner Ridge/3711865], 434A [Whitmore Hot Springs/3711867], 451D? [Benton Hot Springs/3711875], 620C? [Wendel/4012032], 620D? [Spencer Creek/4012031], 621D? [Wendel Hot Springs/4012033], 638D [Cherry Mtn./4012051], 639B [West of Snowstorm Mtn./4012064], 640A [Fredonyer Peak/4012065], 690D? [Eagleville/4112031]

Great Basin scrub / alkaline, openings; elevation 1500-2400 meters.

Annual herb, blooms May-August.

See *Monolepis pusilla* in *The Jepson Manual* (1993). See *Nat. Pflanzenfam.* (1934) for revised nomenclature.