

Rare Plant Status Review:
Microseris laciniata* ssp. *detlingii
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Background

Microseris laciniata ssp. *detlingii* is a perennial herb in the Asteraceae. *M. laciniata* ssp. *detlingii* is a newly described species known in California from a single occurrence in Siskiyou County, near the Oregon border (*SIDA* 21(1): 193-205 (2004)). This species is also known from southern Oregon and is considered a species of concern in that state. This subspecies was once known from only 3 occurrences in Oregon; however, Sue Vrilakas with the Oregon Natural Heritage Program says that there have been many more occurrences recently found in Oregon (53 occurrences currently). This particular subspecies occurs only in montmorillonite clay soil, which is characterized as being sticky when wet and hard and cracked when dry. This species can reproduce clonally and as mentioned in the *SIDA* article, "colonies are often limited to patches of loose soil turned up by gophers or squirrels". The habitat of the species is open hillsides, grasslands, and shrublands between 600 and 1500 meters in elevation.

Ken Chambers is the author of this taxon as well as the author for the new *Jepson Manual* treatment for *Microseris*. This subspecies will therefore be included in the new edition of The *Jepson Manual*. *M. laciniata* ssp. *detlingii* is known from 1 occurrence in California and requires review for inclusion in both the CNPS inventory and the CNDDDB.

Recommended Actions

CNPS: Add to CNPS List 2.2

CNDDDB: Add to CNDDDB as G4T3/S1.2

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

Microseris laciniata (Hooker) Schultz-Bipontinus **ssp. *detlingii*** K.L. Chambers
Asteraceae

"Detling's silverpuffs"

List 2.2

Siskiyou; Oregon

733B [Iron Gate Reservoir/4112284]

Cismontane woodland / clay, openings; 600-1500 meters.

Perennial herb, blooms May-June.

Element Code: PDAST6E0A1
Added to CNPS List 2.2 on 11/7/2006

Known in California from only 1 occurrence in Siskiyou County. Possibly threatened by development. See *SIDA* 21(1): 193-205 (2004) for original description.