

Rare Plant Status Review: *Cymopterus globosus*
Misa Ward (CNPS) and Roxanne Bittman (CNDDDB)
Draft prepared by Bill Haskins (CNPS volunteer)
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Background

Cymopterus globosus was proposed for addition to CNPS List 2 in *Inventory* 6th edition by Lincoln Constance, the Jepson Manual author for Apiaceae. However, its addition was postponed in order to gather and check occurrence data. Subsequently, Dean Taylor informed CNPS about some specimen data and also proposed that this “postponed” species be added to the *Inventory*. *Cymopterus globosus* grows in gravelly and sandy sites in Great Basin scrub and on open flats. Distinguishing characteristics include white to pale purple, globose inflorescences, presence of a pseudoscape, and fruits with oil tubes mostly solitary in the intervals. The six known California occurrences are at the western edge of this species’ range, which extends into Nevada and Utah. The Jepson Manual designates this species as “uncommon” and reports its bioregional distribution as east of the Sierra Nevada, and the White and Inyo Mountains. In Mono County, the species has been reported from Benton, Adobe Lake, Larkin Lake, Mono Craters and “near Pinon Hill” (likely Pinyon Mountain) in the White Mountains. In Plumas County, it is known from south of Beckwourth. CalFlora also reports it in Humboldt County from Forest Service plot data in Six Rivers National Forest, but this record is suspect because it is very out of range, the habitat is wrong, and a recent search of the Forest Service’s database did not locate the record (John McRae, pers. comm.). We have not included Humboldt County in the distribution because this record is likely a misidentification or database error. When this new addition was first proposed, the only known threat reported was grazing. Information on other current threats is requested. Due to the small number of occurrences in the state, this species appears to be rare and requires review for inclusion in both the CNPS Inventory and CNDDDB.

Recommended Actions

CNPS: Add to CNPS List 2

CNDDDB: Add to CNDDDB as G3G4 / 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 additional data, edits, or comments you may have. If responding No, please provide supporting information.

Draft CNPS Inventory Record

***Cymopterus globosus* (S. Watson) S. Watson**

“globose cymopterus”

Apiaceae

List 2 / RED 2-2-1

Mono, Plumas, Nevada, Utah

431B [Juniper Mountain /3711862], 450C [Benton/3711874], 451A [River Spring/3711885], 451B [Indian Meadows/3711886], 469A [Cedar Hill/3811827], 453A [Lee Vining/3711981], 453D [June Lake/3711971], 571A [Antelope Valley/3912063], 571B [Calpine/3912064]

Great Basin scrub / sandy, gravelly, open flats; elevation 1200-2135 meters.

Perennial herb, blooms March-June.

Known in CA from only six occurrences. Threatened by grazing. See *Botany of the King Exploration*:124 (1871) for original description, *Proceedings of the American Academy of Arts and Sciences* 11:141 (1876) for revised nomenclature, and *Annals of the Missouri Botanical Garden* 17:380-382 (1930) for taxonomic treatment.