

Rare Plant Status Review: *Acanthoscyphus parishii* var. *parishii*
Kristi Lazar (CNPS) and Roxanne Bittman (CNDDDB)
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Background

Acanthoscyphus parishii var. *parishii* is an annual herb in the Polygonaceae. *A. parishii* var. *parishii* is a California endemic which occurs in Los Angeles, San Bernardino, and Ventura Counties. This species is known from approximately 44 occurrences with about 13 of those occurrences collected in the last 20 years. This species was previously known as *Oxytheca parishii* var. *parishii* but has since been placed in its own genus, *Acanthoscyphus* (*Harvard Papers in Botany* 9 (2004)). This genus has one species (*A. parishii*) and 4 varieties, with *A. parishii* var. *parishii* being the most common variety. The other 3 varieties are on List 1B in the CNPS Inventory. While this taxon is the most common of the four varieties, James Reveal mentioned in 2004 that the species should probably still be considered for placement on List 4.

This variety is distinguished from the other 3 varieties by having 10-36 ivory-colored involucre awns and triangular bracts with awns less than 0.5 mm long. This taxon was included in *The Jepson Manual* (1993) as *Oxytheca parishii* var. *parishii* and will continue to be included in the new *Jepson Manual* treatment, just in a different genus (*Acanthoscyphus*). This taxon is also recognized in the *Flora of North America* treatment. *A. parishii* var. *parishii* grows in chaparral and yellow pine forests and blooms June through October. *A. parishii* var. *parishii* is known from less than 50 occurrences and requires review for inclusion in both the CNPS Inventory and the CNDDDB.

Recommended Actions

CNPS: Add to CNPS List 4.2

CNDDDB: Add to CNDDDB as G4?T3 / S3.2

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. If responding No, please provide supporting information.

Draft CNPS Inventory Record

Acanthoscyphus parishii (Parry) Small var. *parishii* Polygonaceae
"Parish's oxytheca"
List 4.2

Los Angeles, San Bernardino, Ventura

105A [Moonridge/3411627], 105B [Big Bear Lake/3411628], 106A [Keller Peak/3411721], 106B [Harrison Mtn./3411722], 108A [Cucamonga/3411725], 108B [Mt. Baldy/3411726], 110A [Mt. Wilson/3411821], 131C [Fawnskin/3411638], 132C [Lake Arrowhead/3411732], 132D [Butler Peak/3411731], 134B [Mescal Creek/3411746], 134C [Mount San Antonio/3411736], 134D [Telegraph Peak/3411735], 135C [Waterman Mtn./3411738], 135D [Crystal Lake/3411737], 136A [Pacífico Mtn./3411841], 136B? [Acton/3411842], 136D [Chilao Flat/3411831], 164B [Alamo

Element Code: PDPGN0J044
Added to CNPS List 4.2 on 4/9/07

Mtn./3411868], 165B [San Guillermo/3411962], 165C [Lion Canyon/3411952], 166A [Reyes Peak/3411963]

Chaparral, lower montane coniferous forest / sandy or gravelly; elevation 1220-2600 meters.

Annual herb; blooms June-October.

See *Proceedings of the Davenport Academy of Natural Sciences* 3: 176 (1882) for original description and *Harvard Papers in Botany* 9: 143-230 (2004) for revised nomenclature.