

Rare Plant Status Review: *Phacelia barnebyana*
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Background

Phacelia barnebyana is an annual herb in the Hydrophyllaceae. This species is known in California from less than 10 occurrences in San Bernardino and Inyo Counties. The 6 herbarium specimens of *P. barnebyana* from San Bernardino County likely represent 2 occurrences. There are 4 vouchered specimens from Inyo County, 2 in the Death Valley Park Herbarium, 1 from the herbarium of Pomona College, and 1 from an unknown herbarium (cited in *Leaflets of Western Botany* Vol. III, No.8 (1942)). Three of these Inyo County specimens were collected in the Panamint Pass area, while the fourth was collected near Seep Hole Spring in the Inyo Mountains. Observed (but un-vouchered) occurrences are known from Tin Mountain in the Cottonwood Mountains area of Inyo County, the Last Chance Mountains, as well as from Keynot Peak in the Inyo Mountains. This species also occurs in southwestern Nevada. There are currently no known major threats to this species.

In California, *P. barnebyana* occurs in rocky, gravelly areas (often calcareous) in pinyon and juniper woodlands and Great Basin scrub between 1600 meters and 2700 meters in elevation. While there are likely more occurrences present in California than are currently vouchered and observed due to the fact that it is a fairly inconspicuous annual in an often inaccessible habitat, this species will likely remain limited in its distribution. *P. barnebyana* is currently known in California from approximately 9 occurrences in San Bernardino and Inyo Counties and 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 G3? / 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

Phacelia barnebyana J.T. Howell

Hydrophyllaceae

"Barneby's phacelia"

List 2.3

Inyo, San Bernardino; Nevada

226A [Mescal Range/3511545], 249D [Clark Mountain/3511555], 302D [Panamint/3611711], 350B? [New York Butte/3611768], 369B [Tin Mountain/3611784], 372A [Mazourka Peak/3611881]
Great Basin scrub, pinyon and juniper woodland / gravelly, rocky, usually calcareous; elevation 1600-2700 meters.

Annual herb, blooms May-July.

See *Leaflets of Western Botany* Vol. III (No. 8): 191-192 (1942) for original description.