Rare Plant Status Review: Phacelia barnebyana
Kristi Lazar (CNPS) and Roxanne Bittman (CNDDB)
December 14, 2006

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 Ponoma 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 CNDDB.

Recommended Actions
CNPS: Add to CNPS List 2.3
CNDDB: Add to CNDDB 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 CNDDB, and provide any edits/comments. If responding No, please provide supporting information.

Draft CNPS Inventory Record

*Phacelia barnebyana* J.T. Howell
Hydrophyllaceae
“Barney’s phacelia”
List 2.3
Inyo, San Bernardino; Nevada
Annual herb, blooms May-July.
See *Leaflets of Western Botany* Vol. III (No. 8): 191-192 (1942) for original description.

Sent to ES/D- 12/14/06