

Rare Plant Status Review: *Calystegia collina* ssp. *tridactylosa*

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October 23, 2006

Background

Calystegia collina ssp. *tridactylosa* is a perennial vine in the Convolvulaceae. This species is known in California from approximately 3 occurrences, 2 in Mendocino County and 1 in Lake County. This species is endemic to California and is included in *The Jepson Manual*. *The Jepson Manual* (1993) mentions that this species may intergrade with *Calystegia occidentalis* ssp. *occidentalis* and *C. malacophylla* ssp. *malacophylla*. *C. collina* ssp. *tridactylosa* can be distinguished from the above 2 species by having bractlets attached just below the calyx (often concealing it). This species tends to occur in open grassy or rocky places, in open oak-pine woods, and in chaparral. In addition, it occurs on serpentine soils. This species can flower April through June and occurs below 600 meters in elevation. This species may be threatened by development.

C. collina ssp. *tridactylosa* is currently known in California from 3 occurrences in 2 counties and requires review for inclusion in both the CNPS Inventory and the CNDDDB.

Recommended Actions

CNPS: Add to CNPS List 1B.2

CNDDDB: Add to CNDDDB as G4T1 / 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. If responding No, please provide supporting information.

Draft CNPS Inventory Record

***Calystegia collina* (E. Greene) Brummitt ssp. *tridactylosa* (Eastw.) Brummitt**

Convolvulaceae

"coast range bindweed"

List 1B.2

Lake, Mendocino

548A? [Hough Springs/3912225], 582B? [Jamison Ridge/3912362], 582C? [Brushy Mtn./3912352], 598C? [Covelo East/3912372]

Chaparral, cismontane woodland / serpentinite, rocky, gravelly, openings; elevation 0-600 meters.

Perennial herb (rhizomatous), blooms April-June.

Potentially threatened by development. May intergrade with *Calystegia occidentalis* ssp.

occidentalis and *Calystegia malacophylla* ssp. *malacophylla*. See *Proceedings of the California Academy of Sciences*, series 4, 20:151 (1931) for original description and *Annals of the Missouri Botanical Garden* 52 (2): 214-216 (1965) for revised nomenclature.