

Rare Plant Status Review: *Cryptantha celosioides*
Proposed New Add to List 2.3
Nicholas Jensen (CNPS) and Roxanne Bittman (CNDDDB)
June 29, 2009

Background

Cryptantha celosioides is an herbaceous perennial (sometimes biennial) in the Boraginaceae. *C. celosioides* will be included as native to California in *The Jepson Manual*, 2nd Edition (Ron Kelley, pers. comm. 2009). It is distinguished from other species of *Cryptantha* based on the floral, nutlet, and leaf characteristics. *C. celosioides* flowers between July and August.

In California, *C. celosioides* is found growing in dry, rocky habitat within pinyon and juniper woodland at approximately 1615 meters in elevation. Associated taxa include *Eriogonum ovalifolium*, *Juniperus occidentalis*, and *Phlox hoodii*.

In California, *C. celosioides* is known from two occurrences (represented by two herbarium collections) on the east side of the Warner Mountains and near Cedarville in eastern Modoc County. *C. celosioides* also occurs in Idaho, Nevada, Oregon, Washington, and several other states/provinces in the U.S. and Canada. It is ranked as a G5 taxon by NatureServe, is state-ranked as S3 (Vulnerable) in Idaho, and S1 in British Columbia and Saskatchewan. Suitable habitat in Modoc County should be searched for additional occurrences. The population size at the California occurrences of *C. celosioides* is unknown.

The ownership of the California occurrences of *C. celosioides* is unknown. Additionally, there are no known threats to *C. celosioides* in California.

Based on this information CNPS and CNDDDB recommend that *C. celosioides* be added to CNPS List 2.3.

Recommended Actions

CNPS: Add to CNPS List 2.3
CNDDDB: Add to CNDDDB as G5 / S1

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

Cryptantha celosioides (Eastw.) Payson
cocks-comb cat's-eye
Boraginaceae
List 2.3

Sent to MP, NW, R. Kelley on 6/29/09

Element Code: PDBOR0A0F0
Added to CNPS List 2.3 on 2009-08-03

Modoc
Pinyon and juniper woodland. 1615 meters
Perennial (biennial) herb. Blooms July-August.

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