

Changed from List 4 to 1B.3 in the CNPS Inventory on 3 March 2006

Rare Plant Status Review: *Eriogonum eastwoodianum*

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Eriogonum eastwoodianum is an annual buckwheat that grows on diatomaceous shale, sand, and clay within grassland and foothill woodland. *The Jepson Manual* reports the general range of this California endemic as southern Inner South Coast Ranges. This species appeared in the first edition of the *CNPS Inventory* in Appendix II: Plants not rare but mostly of limited distribution. In the second edition, it was moved to List 3, which at that time contained plants that were rare but not endangered. By the 3rd edition, *E. eastwoodianum* was moved to List 4, where it has remained to date. During the research for the 6th edition, it was proposed for an upgrade to List 1B. This list change was rejected by reviewers based on a limited set of comments received at regional meetings.

David Gowen recently requested the re-review of the proposed change to List 1B. He “sponsored” the change by preparing a Status Change Request (attached), which details the rationale for the proposed upgrade. Jim Reveal also concurs that this is “a highly restricted species.” In summary, we are aware of 10 specimens, comprising around 4 extant and 3 historical occurrences. These are located in 2 main areas: Parkfield Grade in Fresno County and Stone Canyon in Monterey County. There is an additional locality from Cachuma Saddle Guard Station in Santa Barbara (Breedlove 396, CAS), but this is a potential mis-identification because it is slightly out of range and was not cited by Reveal

(<http://www.life.umd.edu/emeritus/reveal/pbio/RevealSlides/polgerieas.html>). In addition, there are possibly specimens from Kings County between eastern Monterey County and west of Avenal, but we have been unable to locate any specimen records from this county (Yadon, pers. comm.). Specimens from Cottonwood Pass and Polonio Pass in San Luis Obispo County are actually *E. temblorense*, and one from Piedra Azul Spring is actually *E. gracile*. These have been annotated by Jim Reveal, but have not yet been updated on the Consortium of CA Herbaria website.

Since the addition of this species to the *Inventory* in 1974, very few new occurrences have been reported to CNPS or CNDDDB. Based on this information, it appears that this species belongs on List 1B. Please review the draft *Inventory* record below and the attached document, provide any updated information, and comment on this proposed ranking change.

Recommended Actions

CNPS: Re-rank to CNPS List 1B.2 [.2 = fairly endangered in California (20-80% occurrences threatened)]

CNDDDB: Re-rank to CNDDDB as G1G2 / S1S2.2

Sent to CW, Gowen, Reveal

Revised CNPS *Inventory* record:

Eriogonum eastwoodianum J.T. Howell
"Eastwood's buckwheat"

Polygonaceae

List 1B.2

G1G2 / S1S2.2

Fresno, Monterey, Santa Barbara?
California Endemic

Parkfield (292B) 3512084, Curry Mountain (315C) 3612014, Smith Mountain (316D)
3612015, Figueroa Mountain? (168B?) 3411968?

Cismontane woodland, valley and foothill grasslands / sandy, shale, talus, or barren
clay; elevation 200-100 meters.

Annual herb, blooms May-September.

Marginally distinct from *E. temblorense* and *E. vestitum*; only fully mature plants can be
identified with certainty. Plants from Santa Barbara County need confirmation.
Potentially threatened by road maintenance. See *Leaflets of Western Botany* 2:133
(1938) for original description, and *Flora North America* 5:417-418 (2005) for taxonomic
treatment.