

**Rare Plant Status Review:**

***Erodium macrophyllum* (*California macrophylla*)**

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*Erodium macrophyllum* is an annual herb in the Geraniaceae that is restricted to clay soil outcrops. About 100 specimens for this plant are known from California (representing approximately 74 occurrences); however, only 23 occurrences have been documented since 1986 and only 5 of these are highly ranked by CNDDDB. This species ranges from southern Oregon through California to northern Baja California. Occurrences reported from Arizona, Nevada, and Utah appear to be unfounded or based on mislabeled specimens according to communications with Andrew Sanders and Ian Gillespie in 2002 and 2003. Occurrences in Baja California and Oregon are scarce with 2 collected specimens from near Ashland in Oregon and 1 from Baja California. Due to the small number of occurrences outside of California, a change from CNPS List 2 (plants rare, threatened or endangered in California but more common elsewhere) to 1B (plants rare, threatened or endangered in California and elsewhere) is warranted.

In addition, *E. macrophyllum* has recently undergone taxonomic revision and has been placed in its own genus. According to Juan Aldasoro et al., morphological data provide evidence for the separation of *E. macrophyllum* into its own monotypic genus, *California* (*Anales Jard. Bot. Madrid* 59(2): 209-216 (2002)). Based on this study, CNPS and CNDDDB propose that the name *Erodium macrophyllum* be changed to *California macrophylla* in addition to the list change mentioned above. Please review the draft *Inventory* record below, provide any updated information, and comment on this proposed ranking and name change.

**Recommended Actions**

**CNPS:** Re-rank from CNPS List 2.1 to CNPS List 1B.1; change name to *California macrophylla*

**CNDDDB:** Re-rank from G4 to G3 and S2.1 to S3.1 status; change name to *California macrophylla*

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**Revised CNPS *Inventory* record:**

***California macrophylla*** (Hook. & Arn.) Aldas., C. Navarro, P. Vargas, Ll. Saez & Aedo  
"round-leaved filaree"

Geraniaceae

**List 1B.1**

Alameda, Butte\*?, Contra Costa, Colusa, Fresno, Glenn, Kings, Kern, Lake, Lassen, Los Angeles, Merced, Monterey, Napa, Riverside, Santa Barbara, San Benito, Santa Cruz Island\*, San Diego, San Joaquin, San Luis Obispo, San Mateo, Solano, Sonoma?, Stanislaus; Oregon, Baja California

Element Code: PDGER01070

Moved from CNPS List 2.1 to CNPS List 1B.1 on 12/27/06

Name Changed from *Erodium macrophyllum* to *California macrophylla* on 12/27/06

10C, 21A, 67B, 67C, 68A, 68B, 68D, 69B, 85C, 86C, 96D, 112B, 112C, 113D, 139D, 162B, 168B, 169A, 188C, 190A, 190B, 193D, 212C, 218C, 244A, 244B, 245A, 246B, 260C, 262C, 262D, 267B, 267D, 268A, 269A, 291B, 291D, 294C, 316D, 339B, 339C, 340B, 340D, 343D, 361C, 362C, 362D, 363A, 363D, 383B, 385C, 403B, 404A, 424B, 429C, 443C, 444B, 445A, 445B, 462A, 462C, 463B, 463D, 464A, 464B, 465C, 465D, 466D, 481D, 514C, 532C, 546D, 547D, 577D, 578C, 578D, 593B

Cismontane woodland, valley and foothill grassland / clay; elevation 15-1200 meters.

Annual herb, blooms March-May.

Most collections historical; need information on current distribution. Need quads for Lassen and Solano County. Threatened by urbanization, vehicles, pipeline construction, feral pigs, and non-native plants. Potentially threatened by grazing. See *Boisseira* 20: 1-154 (1972) and *Anales Jard. Bot. Madrid* 59(2): 209-216 (2002) for taxonomic treatment.

Sent to SW, CW, MP, NW, GV, SN