

Rare Plant Status Review: *Mimulus fremontii* var. *vandenbergensis*

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Summary and Recommended Actions

D.M. Thompson recently described *M. fremontii* var. *vandenbergensis* as a new, distinctive taxon endemic to Santa Barbara County, in *Systematic Botany Monographs* 75: 129-134 (2005). *M. fremontii* var. *vandenbergensis* is distinguished from *M. fremontii* var. *fremontii* by the lack of red pigments in leaves and flowers. In addition, the two varieties are geographically separated. Known from only three occurrences on and near Vandenberg Air Force Base, this endemic variety appears very rare based on its restricted distribution. Apparently, the third occurrence listed in the protologue is threatened by a planned housing development (the majority of the occurrence overlaps with the building footprint). According to the Jepson Interchange, this taxon will be recognized in the second edition of *The Jepson Manual*. This new plant requires review for inclusion in both the *CNPS Inventory* and the CNDDDB.

CNPS: Add to CNPS List 1B.2

CNDDDB: Add to CNDDDB as G1 / 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

***Mimulus fremontii* var. *vandenbergensis* Thompson**

"Vandenberg monkeyflower"

Scrophulariaceae

List 1B.2

G1 / S1.2

CA Endemic

Santa Barbara

170B [Lompoc/34120F4]

Cismontane woodland, chaparral (Burton Mesa) / sandy; often disturbed areas; elevation 75-120m
Annual herb, blooms May-June.

Known from only three occurrences on and near Vandenberg Air Force Base. Threatened by development. See *Systematic Botany Monographs* 75: 134 (2005) for original description.