

Rare Plant Status Review:
Monardella stoneana* and *M. linoides* ssp. *viminea

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Background

Elvin and Sanders have recently published a new species, *Monardella stoneana*, in *Novon* 13:425-432 (2003). Based on a review of the existing data, this species appears to be rare and requires review for inclusion in both the CNPS Inventory and CNDDDB.

M. linoides ssp. *viminea* is a List 1B taxon that is restricted coastal sage scrub and ephemeral washes in the Miramar Mesa region of San Diego County. This paper acknowledges that this taxon is closely related to *M. linoides* ssp. *linoides*. However, the authors conclude that ecological, geographical and reproductive isolation of the two taxa warrants recognition of *M. viminea* at the species rank. The *Novon* abstract is included below:

Monardella stoneana (Lamiaceae), a narrow endemic from northern Baja California, Mexico, and southern San Diego County, California, is described and illustrated. Differences in leaf and bract morphology, pubescence, stem glands, and habitat separate it from *M. linoides* A. Gray and *M. odoratissima* Benthham, apparently its closest relatives. The reinstatement of *M. viminea* Greene at the specific rank is supported on the basis of distinctive morphology and biological isolation. A key is included to separate *M. stoneana* from all of the perennial *Monardella* species known to occur in San Diego County, California.

Recommended Actions

CNPS: Add to *M. stoneana* to CNPS List 1B and change *M. linoides* ssp. *viminea* to *M. viminea*

CNDDDB: Add to *M. stoneana* to CNDDDB as G1/S1.2 and change *M. linoides* ssp. *viminea* to *M. viminea*

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 on either of the proposed changes.

Draft CNPS *Inventory* record:

Monardella stoneana Elvin & A.C. Sanders

Jennifer's monardella

Lamiaceae

List 1B / RED 3-2-2

San Diego, Baja California

9C, 10C, 10D

Coastal scrub, Chaparral, Riparian scrub / usually intermittent streambeds, rocky; elevation 175-660 meters.

Perennial herb, blooms July-September.

Known in CA from only five occurrences in the San Ysidro Mountains. Can be confused with *M. viminea* (*M. linoides* ssp. *viminea*). Not in *The Jepson Manual*. See *Novon* 13:426 (2003) for original description.