

Re-ranked from List 2.2 to List 1B.2 on 7/9/08

Rare Plant Status Review:  
*Hesperevax sparsiflora* var. *brevifolia*  
Nicholas Jensen (CNPS) and Roxanne Bittman (CNDDDB)  
June 6, 2008

Changes made since the original status review appear in blue.

*Hesperevax sparsiflora* var. *brevifolia* is an annual herb in the Asteraceae. In California, *H. sparsiflora* var. *brevifolia* occurs in sandy areas within coastal bluff scrub and coastal dune habitat from 0 to 215 meters in elevation.

*H. sparsiflora* var. *brevifolia* is currently on CNPS List 2.2 (Plants rare, threatened or endangered in California, but more common elsewhere). *H. sparsiflora* var. *brevifolia* is known from 29 occurrences along the northern California coast from San Mateo County north to Humboldt County, and in southern Oregon. *H. sparsiflora* var. *brevifolia* is globally ranked as T3 (Vulnerable) by NatureServe. Current evidence indicates that this taxon is also rare in Oregon. Sue Vrilakas (pers. comm. 2008) states that in Oregon, "besides the historic collections, we have 2 relatively recent reports (of *H. sparsiflora* var. *brevifolia*) from Coos (1997) and Curry (1995) counties." Based on this information we estimate that there are approximately 31 known occurrences of *H. sparsiflora* var. *brevifolia*.

In California, *H. sparsiflora* var. *brevifolia* is threatened by logging, development, non-native plants, foot traffic, and recreational activities, and is potentially threatened by trail construction. No information is available about the threats to this taxon in Oregon.

Based on the current understanding of the rarity of *H. sparsiflora* var. *brevifolia* within its entire range CNPS and CNDDDB recommend that it be re-ranked from CNPS List 2.2 to List 1B.2.

Recommended Action

CNPS: Re-rank from CNPS List 2.2 to List 1B.2

CNDDDB: Keep on CNDDDB G4T2T3, S2S3

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Revised CNPS *Inventory* record:

*Hesperevax sparsiflora* (Gray) Greene var. *brevifolia* (Gray) Morefield  
short-leaved evax

Asteraceae

List 1B.2

Del Norte (DNT), Humboldt (HUM), Mendocino (MEN), Marin (MRN), Santa Cruz (SCR), San Francisco (SFO)\*, San Mateo (SMT), Sonoma (SON), Oregon (OR)

Sent to NW, CW, J. Morefield on 6/10/08

Big Basin (408B) 3712222, San Francisco South (448B)\* 3712264, Montara Mountain (448C) 3712254, San Mateo (448D) 3712253, Tomales (485B) 3812228, Drakes Bay (485C) 3812218, Inverness (485D) 3812217, Valley Ford (502C) 3812238, Duncans Mills (503A) 3812341, Stewarts Point (520B) 3812364, Plantation (520D) 3812353, Point Arena (537B) 3812386, Saunders Reef (537C) 3812376, Albion (553A) 3912327, Fort Bragg (569A) 3912347, Inglenook (585D) 3912357, Eureka (672C) 4012472, Smith River (740B) 4112482, Crescent City (740C) 4112472

Coastal bluff scrub (sandy), coastal dunes; elevation 0-215 meters.

Herb (annual), blooms March-June.

Threatened by [logging](#), development, competition with non-native plants, foot traffic, and recreational activities. Potentially threatened by trail construction. May intergrade with var. *sparsiflora* in the San Francisco Bay area. On review list in OR. See *Synoptical Flora of North America* 1(2):229 (1884) for original description and *Systematic Botany* 17:293-310 (1992) for revised nomenclature.