Rare Plant Status Review:
*Hesperevax sparsiflora var. brevifolia*
Nicholas Jensen (CNPS) and Roxanne Bittman (CNDDB)
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 CNDDB 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
CNDDB: Keep on CNDDB G4T2T3, S2S3

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.