

Deleted from List 2.2 of the CNPS Inventory on 11 October 2006

**Rare Plant Status Review
Deletion of *Eleocharis quadrangulata***

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Background

Eleocharis quadrangulata is currently on List 2.2 in the CNPS Inventory. Recent review of this species suggests that it is not native to California and should be removed from the Inventory. *E. quadrangulata* occurs throughout eastern North America, with disjunct populations in California and Oregon. It is considered non-native in Oregon, and its status as native has been debated in California, where it is known primarily from disturbed areas and artificial ponds. According to Margriet Weatherwax, the second edition of the Jepson Manual will treat *E. quadrangulata* as non-native, per the recommendation of the author of the Cyperaceae treatment, Galen Smith. Earlier floras such as Munz (1959) and Mason's *Flora of the Marshes of California* (1957) treated *E. quadrangulata* as introduced in California. Additional evidence for non-native status includes its disturbed habitat, disjunct range, and that the species is not known from California prior to 1948. Because *E. quadrangulata* will be treated as non-native by the Jepson Manual, it requires review for removal from both the CNPS inventory and the CNDDB.

Recommended Actions

CNPS: Delete *Eleocharis quadrangulata* from CNPS List 2.2

CNDDDB: Delete *Eleocharis quadrangulata* from CNDDDB, G5T2/S1.2

The current CNPS Inventory record is below. Please respond Yes or No on the proposal to Delete this species from the Inventory and CNDDDB, and provide any edits/comments on the proposed change.

Current CNPS Inventory Record

***Eleocharis quadrangulata* (Michx.) Roem. & Schult. (Cyperaceae)**
"Four-angled spikerush"

List 2.2

Butte (BUT), Merced (MER), Shasta (SHA), Tehama (TEH), and elsewhere

Gustine (423C) 3712038, Stevinson (423D) 3712037, Loma Rica (559C) 3912134, Palermo (560A) 3912145, Biggs (560B) 3912146, Honcut (560D) 3912135, Hamlin Canyon (576B) 3912166, Shippee (576C) 3912156, Llano Seco (577C) 3912158, Richardson Springs NW (593B) 3912188, Henleyville (595A) 3912283, Gerber (610C) 4012212, West Of Gerber (611D) 4012213, Dales (628D) 4012231, Olinda (629B) 4012244, Enterprise (647D) 4012253

Marshes and Swamps (freshwater); 30-500 meters
Perennial herb, blooms May-September