

Rare Plant Status Review
Proposed Deletion of *Carex constanceana* from List 1B.1
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Background

Carex constanceana has been included on the CNPS Inventory since 2007. It was previously known from only one occurrence in California, from Sagehen Creek Experimental Forest, Nevada County. Recent research by the *Carex* Working Group, 2008, indicates that *C. constanceana* is conspecific with *C. davyi* based on both morphological and DNA sequence data, and conclude that all Oregon, Washington, and California plants should be called *C. davyi* (Final report of the *Carex constanceana* survey for the Fremont-Winema National Forests). Peter Zika also confirmed that they will be "...lumping *Carex constanceana* under *C. davyi*" in the *Jepson Manual*, 2nd Edition (pers. comm. 2009). Due to the single occurrence record for *C. constanceana* in California, this lumping will not affect the status of *Carex davyi*, which is currently on List 4.3 of the CNPS Inventory. *Carex* Working Group, 2008, also notes that there is a tendency for *C. constanceana* in Oregon and Washington to be a bit shorter and have fewer perigynium veins than *C. davyi* of California and "It is possible that *C. constanceana* should be recognized as a subspecies of *C. davyi*, but evidence for doing so is not compelling at this time."

Based on this information, CNPS and CNDDDB recommend that *C. constanceana* be deleted from the CNPS Inventory (it will be placed on the Considered But Rejected list). Should *C. constanceana* be recognized as a subspecies of *C. davyi* at a later date, we will consider adding it to the CNPS Inventory at that time.

Recommended Actions

CNPS: Delete *Carex constanceana* from CNPS List 1B.1

CNDDDB: Delete *Carex constanceana* from CNDDDB, G1 / S1.1

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

Carex constanceana Stacey
Cyperaceae
Constance's sedge
List 1B.1
Nevada; Oregon, Washington
554B (Hobart Mills/3912042), 555A (Independence Lake/3912043)
Subalpine coniferous forest; 2000 meters.

PMCYP03LJ0

Deleted from List 1B.1 on 2010-11-05

Perennial herb, blooms August

Known in California from a single occurrence in the Sagehen Creek Experimental Forest, Nevada County. Sometimes considered a synonym of *C. petasata*. See *Leaflets of Western Botany* 2(8): 123 (1938) for original description.

Sent to SN, Peter Zika, and Nick Otting on 7/1/2010