

**Rare Plant Status Review: *Juncus interior***  
**Proposed New Add to List 2.2**  
Nicholas Jensen (CNPS) and Roxanne Bittman (CNDDDB)  
June 15, 2009

**Background**

*Juncus interior* is an herbaceous perennial in the Juncaceae. *J. interior* is recognized in *The Flora of North America* (Vol. 22) and will be included as native to California in *The Jepson Manual*, 2<sup>nd</sup> Edition (Peter Zika, pers. comm. 2009). According to Peter Zika, *J. interior* "is most closely related to *J. tenuis*, but differs in stem ridging, bracteole apex, and ligule shape." *J. interior* flowers between June and August.

In California, *J. interior* is located in a desert wash in granitic sand within pinyon and juniper woodland habitat from 1830 to 1845 meters in elevation. Associated taxa are reported to include *Baccharis* sp., *Carex* sp., *Forestiera pubescens*, *Haplopappus* sp. *Opuntia* spp., *Quercus turbinella*, *Q. chrysolepis*, and *Yucca baccata*.

*J. interior* is known from a single occurrence in the New York Mountains of San Bernardino County. It is documented by two collections along Fourth of July Canyon made by James Hendrickson in 1973. Field work is needed to re-locate the sites of the collections, so that *J. interior* can be mapped more accurately. Peter Zika (pers. comm. 2009) states that, "this species is widespread east of California," and that "a number of collections are known from Arizona, including adjacent Mohave County." While no information is available about the population size and trends at the single California occurrence of *J. interior*, the herbarium label of one specimen states that it was, "frequent along streambed."

The land ownership at the California occurrence is unknown. Although there are no known threats to this population, its vulnerability to stochastic events lead us to recommend a .2 threat ranking for *J. interior*.

Based on this information CNPS and CNDDDB recommend that *J. interior* be added to CNPS List 2.2.

**Recommended Actions**

CNPS: Add to CNPS List 2.2

CNDDDB: Add to CNDDDB as G4 / S1

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. If responding No, please provide supporting information.

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**Draft CNPS Inventory Record**

*Juncus interior* Weigand

Inland rush

Juncaceae

List 2.2

San Bernardino; Arizona, Idaho, New Mexico, Oregon, Utah, Washington,  
Wyoming

Pinto Valley (200A) 3511523, Ivanpah (225D) 3511533

Pinyon and juniper woodland. 1830-18450 meters.

Perennial herb, blooms June-August.