

Element Code: NBMUS4L020
Downgraded from CNPS List 2.2 to CNPS List 4.2 on 12/27/06

Rare Plant Status Review: *Meesia triquetra*
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November 27, 2006

Meesia triquetra is a CNPS List 2 moss species that occurs mainly in fens between 1300 and 2500 meters in elevation. When added to the CNPS Inventory, this species was known from approximately 19 California occurrences in Butte, El Dorado, Fresno, Humboldt, Plumas, Siskiyou, and Tulare Counties. However, since its addition to the CNPS Inventory, 133 additional occurrences have been reported for this species. While many of these occurrences are from the 7 counties listed above; occurrences have also been found in 8 additional counties. These new counties that can be added to the range of *Meesia triquetra* are Tehama, Nevada, Sierra, Madera, Mariposa, Alpine, Riverside, and Placer. In addition, some of these 133 new occurrences have populations in the thousands and even millions. The majority of the new occurrences were from recent observations (1994 through 2005).

The total number of occurrences and plants indicate placement on List 4. While previous reviewers supported placement on List 2, there has been quite a bit of new information that has come in recent years to support a downgrade of status to List 4.

Recommended Actions

CNPS: Re-rank from CNPS List 2.2 to CNPS List 4.2

CNDDDB: Re-rank to G5 / S3S4.2

General: Monitor the status of *Meesia triquetra* occurrences as reported on field survey forms. If future reports indicate a decline in occurrences, re-evaluate the species for a List upgrade.

Please provide any information you have on this species, and provide your comments on this List change proposal.