

## Conservation Status Assessment

**Scientific Name:** *Ramaria spinulosa var. diminutiva*

**Classification:** Fungus

**Assessment area:** Global

**Heritage Rank:** **GUT2**

**Rank Date:** 4/22/2017

Rank Reasons: The ranking depends on the threat impact score. A score of high results in a rank of S1S2 while a score of medium results in a rank of S2. Many sites > 50 YO, few protected

**Range Extent:** CH = 250 to >2,500,000 sq km (~100 to >2,500,000 sq miles)

Comments: In the 2016 version of the NRIS, GEOBOB, and R5 forest service databases, there are no records of this variety. The only records of this variety in the Mycoportal.org database are one collection from Quebec and 3 collections from Mendocino County, California identified as *R. spinulosa dimunitiva*. Castellano, et al. (1999) mentions one site in Snohomish county, Washington and one in Mendocino County, California. In the 2002 ranking, E. Cazares states that the collection of *R. fumosiavellana* in Marr and Stuntz (1973) which in the Mycoportal.org database is located at Sulphur creek in Snohomish County, Washington. The other collection of *R. fumosiavella* are from Mendocino County, California, Kootenai, County Idaho, and a collection from Lewis county, Washington that has an associated note that it could also be *Ramaria* sp. In the 2002 rating, E. Cazares states there is also a site in Oregon. In the Mycoportal.org database there is an OSU herbarium collection from the horse creek area of the Upper McKenzie River basin in Lane County Oregon that is identified as *R. spinulosa* with no variety name that could be the Oregon site. The 2006 key to *Ramaria* (Exeter, et al. 2006) states the range as the Pacific Northwest and Mendocino county. With just the Snohomish County and Mendocino County sites are about 1,000 km apart and have a range of around 2,000 sq. km. km apart. With the Lane County site the range would be about 25,000 sq. km and including the Quebec site would make the range greater than 2.5 million sq. km. (Castellano, M.A., J.E. Smith, T. O'Dell, E. Cazares and S. Nugent. 1999. Handbook to Strategy 1 Fungal species in the Northwest Forest Plan. USDA, Forest Service Pacific Northwest Research Station, Portland, OR. GTR PNW-GTR-476.;Northwestern United States. USDI BLM/OR/WA/PT-06/050-1792, Salem, Oregon 157p; Exeter, R. L., L. L. Norvell, and E. Cazares. 2006. *Ramaria* of the Pacific Northwestern United States. USDI BLM/OR/WA/PT-06/050-1792, Salem, Oregon 157p, Marr, C.D. & Stuntz, D.E. 1973. *Ramaria* of Western Washington. *Biblio. Mycol.* 38:1-232.)

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** A = 1 - 5

Comments: There is about 4 known sites of this species.

**Area of Occupancy:** C = 3-5 4-km<sup>2</sup> grid cells

Comments: There are about 4 grid squares occupied by this species.

**Good Viability:** B = Very few (1-3) occurrences with excellent or good viability or ecological integrity

Comments: One site is in the Glacier Peak Wilderness in Snohomish County, Washington, and one site is in Van Damme State park in Mendocino County, California.

**Environmental Sensitivity:** B = Narrow. Specialist or community with key requirements common

Comments: A mycorrhizal species.

**Short Term Trends:** Not Evaluated

Comments: None

**Long Term Trends:** Not Evaluated

Comments: None

**Threat Impact:** C = Medium

Comments:  
3 of the occurrences may be threatened by timber harvest.

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** T2

**Rank Author:** Michael Russell

**Rank Reviewer:** Ron Hamill

**References:**

No additional references listed.

**Definitions and Resources:**

**Rank Prefixes**

- G Global rank, applied to taxon's full geographic range
- S State rank, applied to taxon's range within the designated state

**Rank Values**

- 1 Critically imperiled
- 2 Imperiled
- 3 Vulnerable
- 4 Apparently secure, uncommon but not rare
- 5 Secure, common, abundant, and widespread

**Suggested citation:**

Oregon Biodiversity Information Center. 2017. Fungi Conservation Status Assessments. Institute for Natural Resources, Portland State University and Oregon State University. Portland, Oregon and Corvallis, Oregon.

More assessments available at <http://inr.oregonstate.edu/orbic/rare-species/ranking-documentation>

Element rank calculator resources at <http://www.natureserve.org/conservation-tools/conservation-rank-calculator>

Oregon Biodiversity Information Center, Institute for Natural Resources  
Oregon State University and Portland State University

Mail Stop: INR, P.O. Box 751  
Portland, OR 97207-0751  
(503)-725-9950

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