

Conservation Status Assessment

Scientific Name: *Ramaria stricta var. concolor*

Classification: Fungus

Assessment area: Global

Heritage Rank: **GUT1**

Rank Date: 7/17/2018

Rank Reasons: Despite large range, only three sites known and none in protected areas. Original taxa of interest was *Ramaria concolor* f. *marrii*. According to R. Hamill, "all forms listed as *R. concolor* in Index Fungorum.". According to MycoBank, *Ramaria stricta var. concolor* is the current name for *R. concolor*.

Range Extent: F = 20,000-200,000 sq km (~8,000-80,000 sq mi)

Comments: The range is about 87,605 sq. km. There are three sites. One site in the Siskiyou Mountains of Southwest Douglas County, OR is in the GEOBOB BLM database. The other three sites are not in agency databases, but they are in Castellano, et al. (1999). One is in the Sloan Creek Campground in Mount Baker-Snoqualmie National Forest, another site in Humboldt County, California has imprecise location information. There is also a site in the Idaho panhandle. The Mycoportal.org database does not list any collections of this form of *R. concolor*. Exeter et. al (2006) states the range is Idaho and Washington. (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.; 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.)

Population Size: Not assessed

Comments: None

Number of Occurrences: A = 1 - 5

Comments: There are 4 known occurrences of this species. One is listed in the GEOBOB BLM database. The other three are mentioned in 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.

Area of Occupancy: C = 3-5 4-km² grid cells

Comments: This form occupies 4 grid squares across its range.

Good Viability: A = No occurrences with excellent or good (A or B) viability or ecological integrity

Comments: None of the occurrences are in permanently protected areas.

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

Comments: A saprotroph of rotting wood.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

All of the sites may be threatened by logging.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: T2

Rank Author: Michael Russell

Rank Reviewer: Ron Hamill; Lindsey Wise

References:

International Mycological Association, 2018. MycoBank Database. Fungal Databases, Nomenclature & Species Banks. www.mycobank.org

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>

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