

Conservation Status Assessment

Scientific Name: *Ramaria rubripermanens*

Classification: Fungus

Assessment area: Global

Heritage Rank: **G4**

Rank Date: 4/22/2017

Assigned Rank Comments: None.

Range Extent: H = >2,500,000 sq km (> 1,000,000 sq mi)

Comments: The range is greater than 2.5 million sq. km. In western North America there are sites in Jasper National park in Alberta, Canada, the Idaho panhandle, in the Cascades and Olympic mountains of Washington, The Coast, Cascades, and Siskiyou mountains, and a single collections in the northern Blue Mountains of Oregon, and in the Coastal Mountains of northern California and the central Sierra Nevada. In eastern North America there are sites in Quebec. There is also a collection from central Mexico and another from New Zealand. If the sites outside Oregon, Washington, California, and Idaho are not correctly identified then the range would be 496,901 sq. km.

Population Size: Not assessed

Comments: None

Number of Occurrences: D = 81 - 300

Comments: There are 173 known occurrences of this species across its range.

Area of Occupancy: F = 126-500 4-km² grid cells

Comments: This species occupies about 226 grid squares across its range.

Good Viability: D = Some (13-40) occurrences with excellent or good viability or ecological integrity

Comments: 19 sites are in state or national parks or wilderness areas or research natural areas.

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:

At least one site is in the path of a proposed gas pipeline. Approximately 89% of sites are not in permanently protected areas. If those sites are logged on a 40 year rotation around 22% of sites would be impacted over 10 years, and around 89% of sites would be impacted over 100 years.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: G4

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

<http://inr.oregonstate.edu/orbic>

<http://inr.oregonstate.edu/>