

Conservation Status Assessment

Scientific Name: *Ramaria rubripermanens*

Classification: Fungus

Assessment area: Oregon

Heritage Rank: **S4**

Rank Date: 4/22/2017

Assigned Rank Comments: None.

Rank Adjustment Notes: If there are 4 additional occurrences in permanently protected areas with the same range and threat impact score, the calculated rank would be S4. There are a lot of documented sites in higher elevation sites in the cascades so it would be reasonable to assume there are at least 4 additional occurrences in wilderness areas that haven't been surveyed.

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

Comments: The Oregon Range is 97,470 sq. km. There are sites in the Coast Range from Benton to Coos and Douglas Counties, in the Cascades from Clackamas and Wasco counties to Jackson and Klamath Counties, in the Siskiyou mountains of Josephine and Curry Counties. There is also a site in the Northern Blue Mountains of Morrow county.

Population Size: Not assessed

Comments: None

Number of Occurrences: D = 81 - 300

Comments: There are 127 known occurrences in Oregon.

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

Comments: This species occupies 184 grid squares in Oregon.

Good Viability: C = Few (4-12) occurrences with excellent or good viability or ecological integrity

Comments: 9 occurrences are in Crater Lake National Park, 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 occurrence is in the route of a proposed gas pipeline. Approximately 93% of sites are not in permanently protected areas. If those sites are logged on a 40 year rotation around 23% of sites would be impacted over 10 years, and around 93% of sites would be impacted over 100 years.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S3

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>

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