

Conservation Status Assessment

Scientific Name: *Ramaria rubribrunnescens*

Classification: Fungus

Assessment area: Oregon

Heritage Rank: **S2**

Rank Date: 4/22/2017

Assigned Rank Comments: None.

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

Comments: The Oregon range is 25,384 sq. km. There are sites in the Coast range in Lincoln, Polk, Benton and Coos counties, in the Cascades of Lane and Douglas Counties, and the Siskiyou of Douglas, Josephine, and Curry Counties

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: There are 17 known occurrences in Oregon

Area of Occupancy: D = 6-25 4-km² grid cells

Comments: This species occupies 17 grid squares in Oregon.

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

Comments: One occurrence is in a research natural area.

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

Comments: A mycorrhizal species typically found in late successional forest of Douglas fir and Western Hemlock.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

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: S2

Rank Author: Michael Russell

Rank Reviewer: Ron Hamill

References:

Cazares, Efren. 2002. Heritage rank status factors. Assessment for Survey and Manage Project, on-line: http://orbic.pdx.edu/documents/survey/ramaria_rubribrunnescens_global.pdf

Cazares, Efren. 2002. Heritage rank status factors. Assessment for Survey and Manage Project, on-line: http://orbic.pdx.edu/documents/survey/ramaria_rubribrunnescens_or.pdf

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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