

Conservation Status Assessment

Scientific Name: *Ramaria gelatiniaurantia*

Classification: Fungus

Assessment area: Global

Heritage Rank: **G3**

Rank Date: 4/22/2017

Rank Reasons: With the same range and threat impact score, to increase the calculated rank to G4, there would need to be 33 additional occurrences with at least 2 in protected areas. R. Hamill says, "difficult to separate from R. flavigelatinosa and others, some available images appear to be incorrect."

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

Comments: The global range is greater than 3 million sq. km. There are sites in the western Olympic peninsula and the southern Washington Cascades, in the Cascades, coast, and Siskiyou mountains of Oregon, in the Coastal mountains from Del Norte to Mendocino County, California. There are also herbarium collections from Yellowhead, Alberta, Canada, Bonner and Kootenai Counties, Idaho, Maine, Nova Scotia, and South Carolina.

Population Size: Not assessed

Comments: None

Number of Occurrences: C = 21 - 80

Comments: There are 48 known occurrences of this species.

Area of Occupancy: E = 26-125 4-km² grid cells

Comments: This species occupies 61 grid squares across its range.

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

Comments: There are 11 occurrences that are in state, national, or provincial parks, or wilderness 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:

Approximately 75% of sites are not in permanently protected areas. If those sites are logged on a 40 year rotation, around 18% of sites would be impacted over 10 years, and around 75% of sites would be impacted over 100 years.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: G3

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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