

Conservation Status Assessment

Scientific Name: *Ramaria rainierensis*

Classification: Fungus

Assessment area: Global

Heritage Rank: **G2**

Rank Date: 4/22/2017

Assigned Rank Comments: None.

Rank Adjustment Notes: Including the India and Tennessee sites in the range results in a G3 ranking while including just the Northwest collections results in a G2 ranking. Due to the uncertainty in both these scores, and the fact that in the 2002 ranking E. Cazares did not recognize those collections, I gave this species a G2 ranking.

Range Extent: FH = 20,000 to >2,500,000 sq km (~8000 to >1,000,000 sq miles)

Comments: In the Northwest there are sites in Bonner and Boundary counties in Idaho, Mount Rainier National Park in Washington, Coos and Josephine Counties, Oregon, and Humboldt County, California. There is also an herbarium collection from Blount County, Tennessee and another from Arunchal Pradesh, India. With all of the records the range is over 2.5 million sq. km. With just the northwest sites the range would be 125,421 sq. km.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: There are 12 known occurrences of this species, 10 are in the north west (WA, OR, northern CA, and ID)

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

Comments: This species occupies 12 grid squares across its range.

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

Comments: The 2 Washington sites are in Mount Rainier National Park and the Tennessee site is in the Great Smoky Mountains National Park.

Environmental Sensitivity: C = Moderate. Generalist or community with some key requirements scarce

Comments: Likely a saprotroph on hummus.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:
10 of the 12 sites may be threatened by timber harvest.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: G2G3

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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