

Conservation Status Assessment

Scientific Name: *Ramaria cyaneigranosa*

Classification: Fungus

Assessment area: Global

Heritage Rank: **G4**

Rank Date: 4/22/2017

Assigned Rank Comments: None.

Rank Adjustment Notes: With the same range and threat impact score, there would only need to be two additional occurrences, with one in a protected area for the rank to be calculated as a G4. It is likely there are at least that many undocumented sites so I gave the species a G4 ranking.

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

Comments: The range is 2.8 million sq., km. There are sites in southern British Columbia at Whistler and on Vancouver Island. In Washington there are sites on the Olympic Peninsula and in the Western Cascades range. In Oregon there are sites in the Cascades, Coast, and Siskiyou Mountains. In California there are sites in Humboldt and Del Norte Counties. There are also sites in Bonner County, Idaho, Itasca State Park in Minnesota, Chafee County, Colorado, and Cocke County, Tennessee.

Population Size: Not assessed

Comments: None

Number of Occurrences: C = 21 - 80

Comments: There are 78 occurrences across the species range. 70 occurrences are documented in agency or herbarium databases with precise location coordinates. About 8 more sites are documented by herbarium collections with less precise location information.

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

Comments: This species occupies 88 grid squares across its range.

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

Comments: 12 occurrences are in National or State Parks, wilderness areas, or research natural areas.

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

Comments: A mycorrhizal species of conifer forests.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

The Mason Lake site in Washington may be threatened by residential development. Approximately 84% of the sites are not in permanently protected areas. If those sites are logged on a 40 year interval, around 21% of sites would be impacted over 10 years and around 84% 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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