

Conservation Status Assessment

Scientific Name: *Cortinarius rainierensis*

Classification: Fungus

Assessment area: Global

Heritage Rank: **G3G4**

Rank Date: 3/9/2017

Rank Reasons: 2003 name is *C. speciosissimus* which is generally considered an invalid synonym of *C. rubellus*, however Carol Hughes says "Information from Pierre-Arthur Moureau (through Konstance Bensch, Mycobank) confirms that the species in the USA is *Cortinarius rainierensis*."

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

Comments: Found in Washington, Maine, California, Vermont, Newfoundland, British Columbia, and Quebec.

Population Size: Not assessed

Comments: None

Number of Occurrences: C = 21 - 80

Comments: At least 40 occurrences, but more common in Europe so probably there are more occurrences.

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

Comments: At least 40 occupied grid cells, but more common in Europe so probably there are more.

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

Comments: At least 6 occurrences in protected areas. Found in Mount Rainier National Park, Acadia National Park, Gros Morne National Park, E. C. Manning Provincial Park

Environmental Sensitivity: Not Evaluated

Comments: None

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: CD = Medium - Low

Comments:

At least 6 occurrences in protected areas. Unprotected occurrences could be threatened by logging or other development. Less is known about the European samples however.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: G3G4

Rank Author: Caitlin Lawrence; Lindsey Wise

Rank Reviewer: Scot Loring; Lindsey Wise

References:

Smith, A.H.; Stuntz, D.E. 1950. New or noteworthy Fungi from Mt. Ranier [Rainier] National Park. Mycologia 42: 80-134.

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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