

Conservation Status Assessment

Scientific Name: *Cortinarius rainierensis*

Classification: Fungus

Assessment area: Washington

Heritage Rank: **S1**

Rank Date: 3/9/2017

Rank Reasons: Small number of occurrences that are all near one another. S. Loring says "There seems to be some confusion regarding current taxonomy. Index Fungorum does not list *C. rainierensis* as a synonym, although other sources do. If *C. rainierensis* is indeed synonymous, then the Smith holotype for *rainierensis* is further north near the west boundary of Mt Rainier NP. This however is not likely to change the range factor from A."

Range Extent: A = <100 sq km (< ~40 sq mi)

Comments: Only 4 occurrences, located in Mount Rainier National Park.

Population Size: Not assessed

Comments: None

Number of Occurrences: A = 1 - 5

Comments: 4 occurrences in Washington.

Area of Occupancy: C = 3-5 4-km² grid cells

Comments: 4 grid cells occupied.

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

Comments: All occurrences are in Mount Rainier National Park in close proximity to each other, and 60+ years old.

Environmental Sensitivity: Not Evaluated

Comments: None

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: 0

Comments:

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S1

Rank Author: Caitlin Lawrence

Rank Reviewer: Scot Loring

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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