

Conservation Status Assessment

Scientific Name: *Cortinarius rainierensis*

Classification: Fungus

Assessment area: California

Heritage Rank: **S1?**

Rank Date: 3/9/2017

Rank Reasons: This species has been called *C. speciosissimus*, which is generally considered an invalid synonym of *C. rubellus*. recent work suggests it is its own species, *C. rainierensis*. S. Loring says "Siegel and Schwarz (2016) state that *C. rubellus* is rare in CA, known only from a few sites on the far north coast; I am uncertain of the exact locations, but they would likely change the range factor. The one CA record used in the calculated/assigned ranking is from 1901 and is from the Stanford campus where it may be susceptible to disturbance, such as grounds maintenance, construction, etc. , during the past >century. Would be interesting to determine if it has been observed there since and verify that it is extant." There are no California records called *C. rainierensis*, only *C. speciosissimus* or *C. rubellus*, so it may not be present in California.

Rank Adjustment Notes: Taxonomic questions.

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

Comments: Only one occurrence.

Population Size: Not assessed

Comments: None

Number of Occurrences: A = 1 - 5

Comments: Only one occurrence.

Area of Occupancy: A = 1 4-km² grid cell

Comments: One occurrence occupying one grid cell.

Good Viability: A = No occurrences with excellent or good (A or B) viability or ecological integrity

Comments: None

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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