

Conservation Status Assessment

Scientific Name: *Russula subabietis*

Classification: Fungus

Assessment area: Oregon

Heritage Rank: **S3S4**

Rank Date: 3/1/2018

Assigned Rank Comments: None.

Range Extent: F = 20,000-200,000 sq km (~8,000-80,000 sq mi)

Comments: There is also a known site on the Idaho side of Hells Canyon. If there are also sites on the Oregon side of Hells Canyon it would expand this range, but likely not enough to change its F score.

Population Size: Not assessed

Comments: None

Number of Occurrences: C = 21 - 80

Comments: 14 sites in Biotics, NRIS, or GeoBob. An additional approximately 16 based on Mycoportal herbarium records

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

Comments: 14 sites in Biotics, NRIS, or GeoBob. An additional approximately 16 based on Mycoportal herbarium records

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

Comments: Several sites in wilderness areas, national parks, or other protected areas

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

Comments: Mycorrhizal on high elevation Abies spp.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: CD = Medium - Low

Comments:

If threats are similar as for other mycorrhizal species in PNW forests, likely low to medium threat.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S3?

Rank Author: Michael Russell; Lindsey Wise

Rank Reviewer: Matt Trappe; Lindsey Wise

References:

Elliott, TF; Trappe, JM. 2018. A worldwide nomenclature revision of sequestrate Russula species. Fungal Systematics and Evolution. 1:229-242

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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