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:**

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<tr>
<th>Rank Prefixes</th>
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Suggested citation:


More assessments available at [http://inr.oregonstate.edu/orbic/rare-species/ranking-documentation](http://inr.oregonstate.edu/orbic/rare-species/ranking-documentation)

Element rank calculator resources at [http://www.natureserve.org/conservation-tools/conservation-rank-calculator](http://www.natureserve.org/conservation-tools/conservation-rank-calculator)

Oregon Biodiversity Information Center, Institute for Natural Resources

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