

Conservation Status Assessment

Scientific Name: *Tricholomopsis fulvescens*

Classification: Fungus

Assessment area: Washington

Heritage Rank: **S2**

Rank Date: 1/17/2017

Assigned Rank Comments: None.

Rank Adjustment Notes: With this range and number of grid squares and occurrences, the ranking depends on the threat impact score. A score of high results in a rank of S1 while a score of medium results in a rank of S2. Due to the presence of half the known sites in Mount Rainier, I gave this species a rank of S2.

Range Extent: D = 1,000-5,000 sq km (~400-2,000 sq mi)

Comments: There are 4 sites about 200 km apart in the west Cascades of Washington. One is documented in the agency database, one is documented in the article original describing the species (SMITH, A.H. 1960. *Tricholomopsis* (Agaricales) in the western hemisphere. *Brittonia* 12:41-70.), and the rest are in the Mycoportal.org database. The range is about 3,000 sq. km.

Population Size: Not assessed

Comments: None

Number of Occurrences: A = 1 - 5

Comments: There are 4 known occurrences of this species in Washington.

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

Comments: This species occupies 4 grid squares in Washington.

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

Comments: Two sites are in Mount Rainier National Park.

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

Comments: A saprotroph on well rotted conifer logs.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

Two of four sites are protected from timber harvest, but they could be threatened by climate change or natural processes like wildfire or volcanic activity.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S2

Rank Author: Michael Russell

Rank Reviewer: Michael Russell

References:

No additional references listed.

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>

Oregon Biodiversity Information Center, Institute for Natural Resources

Oregon State University and Portland State University

Mail Stop: INR, P.O. Box 751

Portland, OR 97207-0751

(503)-725-9950

<http://inr.oregonstate.edu/orbic>

<http://inr.oregonstate.edu/>