

Conservation Status Assessment

Scientific Name: *Tricholomopsis fulvescens*

Classification: Fungus

Assessment area: Global

Heritage Rank: **G2G3**

Rank Date: 6/25/2018

Rank Reasons: This is a very rare species, but considering the number of occurrences it has a relatively broad range. The ranking depends on the threat impact score. A score of high results in a rank of G2 while a score of medium results in a rank of G3. Due to the uncertainty of predicting the impacts of threats I gave this species a rank of G2G3. 2018 update added 2 occurrences but did not affect scores.

Range Extent: G = 200,000-2,500,000 sq km (~80,000-1,000,000 sq mi)

Comments: The global range is 570,440 sq. km. There are records of this species in the northwest and Arizona. Two records are mapped in the agency database. One is in the Tahoma Creek area of Mount Rainier National Park, the other is in Trinity County, California. In the Mycoportal database, there are collections from Pierce, Snohomish, and Skamania Counties, Washington, Clackamas County, Oregon, Siskiyou County, California, and Pima, Cochise, and Graham Counties Arizona. Two records are mentioned in the article that initially described the species (SMITH, A.H. 1960. *Tricholomopsis* (Agaricales) in the western hemisphere. *Brittonia* 12:41-70.). One is in the Green Lake area of Mount Rainier National Park and the other is somewhere in Clackamas County, Oregon.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: There are 13 occurrences of this species across its range.

Area of Occupancy: D = 6-25 4-km² grid cells

Comments: This species occupies 13 grid squares across its range.

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

Comments: 4 Occurrences are in Mount Rainier National Park or Wilderness Areas.

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: BC = High - Medium

Comments:

Nine of the 13 sites may be threatened by timber harvest. The other sites may be threatened by wildfire or volcanic activity.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: G2G3

Rank Author: Michael Russell; Lindsey Wise; Caitlin Lawrence

Rank Reviewer: Michael Russell; Lindsey Wise

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>

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