

## Conservation Status Assessment

**Scientific Name:** *Tricholoma venenatum*

**Classification:** Fungus

**Assessment area:** Washington

**Heritage Rank:** **S1?**

**Rank Date:** 6/15/2018

Assigned Rank Comments: None.

Rank Adjustment Notes: With only one occurrence noted (historical from the 90s?) on the Washington map, and in view of the confirmation of the Californian coniferous 'venenatum' as distinct from *T. pardinum*, this population also merits an S1 rating. One WTU collection [D.E. Stuntz 20184] from Cispus III in Mt. Rainier park needs microscopical confirmation. Due to the uncertainty of the identification of these reports, rank was changed to S1?

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

Comments: Castellano et al. 1999 sites a single collection of this species from Olympic National Park. However, in the 2002 ranking L. Norvell suggests the specimen was misidentified and explains that *T. venenatum* is typically found with hardwoods while the Olympic site is unlikely to have ectomycorrhizal hardwoods. She states that the specimen is likely a pale version of the conifer associated *T. pardinum*. There is a herbarium collection from 1977 with the location stated as Cispus, Washington, another site unlikely to have ectomycorrhizal hardwood trees. That collection (from WTU, the University of Washington herbarium) was not mentioned in either the Castellano et al. 1999 treatment, or the 2002 ranking. (Castellano et al. 1999. Handbook to Strategy 1 Fungal Species in the Northwest Forest Plan. USDA-FS PNWRS PNW-GTR-476.)

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** A = 1 - 5

Comments: There may be a single occurrence from Washington.

**Area of Occupancy:** A = 1 4-km<sup>2</sup> grid cell

Comments: This species may occupy a single grid square in Washington.

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

Comments: The occurrence is not in a permanently protected area.

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

Comments: Mycorrhizal on hardwood and potentially conifer trees.

**Short Term Trends:** Not Evaluated

Comments: None

**Long Term Trends:** Not Evaluated

Comments: None

**Threat Impact:** U = Unknown

Comments:  
The site may be threatened by timber harvest.

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** S1

**Rank Author:** Michael Russell  
**Rank Reviewer:** Lorelei Norvell; Lindsey Wise

**References:**  
No additional references listed.

**Definitions and Resources:**

<b>Rank Prefixes</b>	
G	Global rank, applied to taxon's full geographic range
S	State rank, applied to taxon's range within the designated state
<b>Rank Values</b>	
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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