

Conservation Status Assessment

Scientific Name: *Trichoderma alutaceum*

Classification: Fungus

Assessment area: Washington

Heritage Rank: **S2**

Rank Date: 4/22/2017

Assigned Rank Comments: None.

Rank Adjustment Notes: There are few collections overall. The S3 ranking is because most of the sites are in National Parks that are protected from timber harvest. R. Hamill says, "Now *Trichoderma alutacea* some collections are likely misidentified *T. leucopus*."

Range Extent: E = 5,000-20,000 sq km (~2,000-8,000 sq mi)

Comments: The Washington range is 19,482 sq. km. There are sites in the Olympic mountains and in the west Cascades near Mt. Baker and Mt. Rainier.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: There are 6 known occurrences in Washington.

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

Comments: This species occupies 6 grid squares in Washington

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

Comments: 4 occurrences are in National Parks, one site is listed on a trail that starts on National Forest land and extends into a National Park, but the location information is not precise enough to determine which level of protection the site has.

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

Comments: The apparent rarity of this species throughout its range suggests that it is a specialist in terms of some ecological factors, but even the mode of nutrition is as yet unknown.

Short Term Trends: U = Unknown

Comments: None

Long Term Trends: U = Unknown

Comments: None

Threat Impact: D = Low

Comments:

2 of the 6 occurrences may be threatened by timber harvest.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S3

Rank Author: Michael Russell

Rank Reviewer: Ron Hamill

References:

Jaklitsch, W.M. 2011. European species of *Hypocrea* part II: Species with hyaline ascospores. *Fungal Diversity* 48:1-250.

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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