

## Conservation Status Assessment

**Scientific Name:** *Trichoderma alutaceum*

**Classification:** Fungus

**Assessment area:** Oregon

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

**Rank Date:** 4/22/2017

Rank Reasons: R. Hamill says, "Now Trichoderma alutacea some collections are likely misidentified T. leucopus."

**Range Extent:** B = 100-250 sq km (~40-100 sq mi)

Comments: There are two sites about 175 km apart in the coast range of Benton County and the cascades of Clackamas County. N. Weber in the 2002 ranking also mentions a site near Lost Prairie in the Cascades of Linn County.

**Population Size:** Not assessed

Comments: None

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

Comments: There are 2 known occurrences in Oregon.

**Area of Occupancy:** B = 2 4-km<sup>2</sup> grid cells

Comments: This species occupies 2 grid squares in Oregon.

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

Comments: No Occurrences are in permanently protected areas

**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:** Not Evaluated

Comments: None

**Long Term Trends:** Not Evaluated

Comments: None

**Threat Impact:** C = Medium

Comments:

One of the two sites may be threatened by timber harvest.

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** S1

**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:**

|                      |  |
|----------------------|--|
| <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>

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

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