

Conservation Status Assessment

Scientific Name: *Trichoderma alutaceum*

Classification: Fungus

Assessment area: Global

Heritage Rank: **G3**

Rank Date: 4/22/2017

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

Range Extent: H = >2,500,000 sq km (> 1,000,000 sq mi)

Comments: The global range is over 2.5 million sq. km. There are sites in Alaska, British Columbia, Washington, Oregon, California, Iowa Minnesota, Indiana, Ohio, Pennsylvania, West Virginia, Quebec, New Hampshire, New York, Virginia, Tennessee, North Carolina, South Carolina, Maryland, and Novogorod, Russia. N. Weber, in the 2002 ranking, also cites records from Britain, Norway, Denmark, Sweden, and Japan.

Population Size: Not assessed

Comments: None

Number of Occurrences: C = 21 - 80

Comments: There are 73 known sites of this species across its range.

Area of Occupancy: E = 26-125 4-km² grid cells

Comments: There are about 73 grid squares occupied by this species across its range.

Good Viability: D = Some (13-40) occurrences with excellent or good viability or ecological integrity

Comments: 29 occurrences are in State or National Parks or private preserves. The Russian site is also in a Russian National Park.

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:

Approximately half of the known occurrences are in permanently protected areas. If the other sites are logged on a 40 year rotation, around 13% would be impacted over 10 years, and around 50% would be impacted over 100 years.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: G3

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>

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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