

Conservation Status Assessment

Scientific Name: *Stagnicola perplexa*

Classification: Fungus

Assessment area: Global

Heritage Rank: **G3**

Rank Date: 3/9/2017

Rank Reasons: Regarded as 'relevant for assessment' on 2014 European Red List; listed as vulnerable in Great Britain. Frequently used to root phylogenetic trees in dark-spored fungi.

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

Comments: The range of this species is over 2.5 million sq. km. In the 2002 ranking, L. Norvell mentions 3 collections from Europe that are references in various literature (Watling, Gregory, Orton. 1993. *Stagnicola*. IN British fungus flora Agarics & Boleti 7. Edinburgh: Royal Botanic Garden. ALSO Laber & Marklund. 1992. *Stagnicola perplexa* (Orton) Redhead & Smith <- *Agaricus ciaris* var *minor* Fries, eine sehr seltene Art in Europa? Zeitschrift fur Mykologie 58: 53-56 [German]). In North America there are sites in Ontario, the upper peninsula of Michigan, Idaho, British Columbia, and the Cascades of Washington and Oregon.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: There are 19 known occurrences of this species across its range.

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

Comments: This species occupies 19 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 state, provincial, or national parks.

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

Comments: A saprotroph on rotten conifer wood.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

15 of 19 occurrences may be threatened by timber harvest.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: G3

Rank Author: Michael Russell

Rank Reviewer: Lorelei Norvell

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>

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

<http://inr.oregonstate.edu/orbic>

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