

Conservation Status Assessment

Scientific Name: *Asterophora parasitica*

Classification: Fungus

Assessment area: Global

Heritage Rank: **G3G4**

Rank Date: 3/9/2017

Rank Reasons: This species may be more common, so ranked as G3G4. If the area of occupancy is changed to F, it pushes the ranking to G4. There appear to be more occurrences on mushroomobserver.org, and Camacho 2002 says "This is a small fungus that is easily overlooked. It will only be found on rotting species of Russula which are often ignored. It is apparently found throughout the Northern Hemisphere."

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

Comments: Found in North America as well as Germany, Switzerland, Russia, UK, France, Costa Rica

Population Size: Not assessed

Comments: None

Number of Occurrences: D = 81 - 300

Comments: Good number of occurrences but some are quite old collections and have only a small amount of information associated with them. Additional recent occurrences on mushroomobserver.org

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

Comments: Somewhat difficult to determine exact number from old occurrences with inexact location, and it has been found in a number of other countries. In this range.

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

Comments: Found in Redwood National Park, Honeyman State Park, Cape Lookout State Park, Great Smoky Mountain National Park, Nyzhnesvirsky Reserve in Russia. Some occurrences old, however, a number if the mushroomobserver.org occurrences are in protected areas.

Environmental Sensitivity: Not Evaluated

Comments: None

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:
Unprotected sites at risk of logging.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: G3

Rank Author: Caitlin Lawrence

Rank Reviewer: Scot Loring

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 <http://inr.oregonstate.edu/orbic>
 (503)-725-9950 <http://inr.oregonstate.edu/>