

Conservation Status Assessment

Scientific Name: *Asterophora lycoperdoides*

Classification: Fungus

Assessment area: Global

Heritage Rank: **G4**

Rank Date: 3/9/2017

Rank Reasons: Widespread, many occurrences and maybe under collected.

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

Comments: Wide range, across North America, found in Costa Rica, and some European occurrences as well.

Population Size: Not assessed

Comments: None

Number of Occurrences: D = 81 - 300

Comments: Large number of records. Some are very old but there are many recent occurrences as well. Camacho 2002 also stated: "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. All the collections of the current ISMS were very recent. I have seen species of *Asterophora* (of which there are only two) at the Eugene mushroom show every year that I was there (4)."

Area of Occupancy: F = 126-500 4-km² grid cells

Comments: Found across a wide range, clustered occurrences covering multiple grid cells.

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

Comments: Found in Mount Rainier State Park, Fort Defiance State Park, West Branch State Park, Great Smoky Mountains National Park, Afton State Park, Cantwell Cliffs State Park, Old Man's Cave State Park, Day Pond State Park, Jedediah Smith Redwoods State Park, Gordon Bay Provincial Park, Yellowstone National Park

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:
Fair number of occurrences in protected areas. Those not at risk of logging.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: G4

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>

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