

Conservation Status Assessment

Scientific Name: *Mythicomycetes corneipes*

Classification: Fungus

Assessment area: Oregon

Heritage Rank: **S1S2**

Rank Date: 12/5/2016

Assigned Rank Comments: None.

Rank Adjustment Notes: A threat impact score of high would result in a S1 ranking. A threat impact score of Medium results in a S2 ranking. Due to the uncertainty of predicting potential threats I gave this species a S1S2 ranking.

Range Extent: E = 5,000-20,000 sq km (~2,000-8,000 sq mi)

Comments: The Oregon range is 10,428 sq. km. It includes sites in the Coast and west cascades ranges of Oregon. There are known sites in Western Idaho so there may be unknown sites at bogs in the Blue Mountains.

Population Size: Not assessed

Comments: None

Number of Occurrences: A = 1 - 5

Comments: There are 5 known sites in Oregon.

Area of Occupancy: C = 3-5 4-km² grid cells

Comments: This species occupies 5 grid squares in Oregon.

Good Viability: AB = None to very few (0-3) occurrences with good viability

Comments: One historic site with imprecise location information may be in a wilderness area.

Environmental Sensitivity: A = Very narrow. Specialist or community with key requirements scarce

Comments: This is a species of wet soil at the margins of bogs under conifers or alders.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

4 of 5 sites are not in protected areas. If those sites are logged on a 40 year rotation, around 20% of sites would be impacted over 10 years, and 80% of sites would be impacted over 100 years.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S2

Rank Author: Michael Russell

Rank Reviewer: Michael Russell

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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