

Conservation Status Assessment

Scientific Name: *Bridgeoporus nobilissimus*

Classification: Fungus

Assessment area: Washington

Heritage Rank: **S2**

Rank Date: 3/9/2017

Rank Reasons: Only a few occurrences in the state, 2 in protected areas.

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

Comments: Around 14,000 sq. km.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: Low end of this, around 6 occurrences. A recent study (Gordon and Van Norman 2015) used molecular techniques to sample for this species in stumps and trees without visible conks (basidiocarps). The researchers found the fungal DNA in numerous trees that did not have basidiocarps. This suggests that this species may be more common than the presence of basidiocarps indicates. However all samples were taken from stands with visible basidiocarps on some trees so this study did not conclusively demonstrate that there are occurrences of this species that could not be located based on the presence of basidiocarps. (Gordon, M., K. Van Norman 2015. *Bridgeoporus nobilissimus* is much more abundant than indicated by the presence of basidiocarps in forest stands. *North American Fungi* 10 (3) : 1 - 28)

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

Comments: Low end of this, around 6-8 grid cells.

Good Viability: B = Very few (1-3) occurrences with excellent or good viability or ecological integrity

Comments: 2 occurrences in Mount Rainier 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:

2 of the 6 occurrences are in protected areas. Logging is a threat to others through removal of habitat.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S2

Rank Author: Caitlin Lawrence

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>

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