

Conservation Status Assessment

Scientific Name: *Neolentinus kauffmanii*

Classification: Fungus

Assessment area: Washington

Heritage Rank: **S3**

Rank Date: 12/8/2016

Rank Reasons: With the same range and threat impact score, to increase the rank to S4, there would need to be 12 additional occurrences in protected areas or 45 additional occurrences over 87 additional grid squares.

Range Extent: F = 20,000-200,000 sq km (~8,000-80,000 sq mi)

Comments: The Washington range is 56,451 sq.km. It includes sites in the Olympic Peninsula and the Cascades Range.

Population Size: Not assessed

Comments: None

Number of Occurrences: C = 21 - 80

Comments: There are 35 known occurrences in Washington.

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

Comments: This species occupies 39 grid squares in Washington.

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

Comments: 14 occurrences are located in National Parks or Wilderness Areas.

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

Comments: This species is a saprotrophic (or possibly slow growing parasite) of living and dead spruce trees.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

Approximately 60% of sites are not in protected areas. If those sites are logged on a 40 year rotation, around 14% of sites would be impacted over 10 years and around 60% would be impacted over 100 years.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S3

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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