

Conservation Status Assessment

Scientific Name: *Neolentinus kauffmanii*

Classification: Fungus

Assessment area: California

Heritage Rank: **S2S3**

Rank Date: 12/8/2016

Assigned Rank Comments: None.

Rank Adjustment Notes: There are not that many sites in total. The calculator produced an S3 rating based on the threat impact score of medium. A threat impact score of high (or leaving the score blank) would result in an S2 ranking. Due to the uncertainties in how quickly unprotected sites could be scheduled for logging, and other unpredictable threats like wildfire and climate change, I gave this species a S2S3 ranking in California.

Range Extent: D = 1,000-5,000 sq km (~400-2,000 sq mi)

Comments: The California range is 2,671 sq. km. It includes sites near the coast in Mendocino, Humboldt, and Del Norte counties.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: There are 17 known occurrences in California.

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

Comments: This species occupies 19 grid squares in California.

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

Comments: Six occurrences are in National or State Parks.

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 67% of the sites are not in permanently protected areas. If those sites are logged on a 40 year rotation, around 16% of the sites would be impacted over 10 years and around 67% of sites 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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