

Conservation Status Assessment

Scientific Name: *Leucogaster microsporus*

Classification: Fungus

Assessment area: Global

Heritage Rank: **G2G3**

Rank Date: 3/9/2017

Assigned Rank Comments: None.

Rank Adjustment Notes: This species has very few known sites and with an unknown threat impact would be rated as a G2. It received a medium threat impact score based on the assumption that I used to predict how quickly logging could impact the sites. It is based on the same information that went into the good viability / ecological integrity score that fit with the G2G3 score so I decided that it should receive the G2G3 rating.

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

Comments: The global range is 61,363 sq. km. It extends from the Fort Lewis in the Puget trough and Skamania county in the Washington cascades, through the Oregon cascades and coast range, to the Siskiyou mountains of northern California.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: There are 15 occurrences of this species

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

Comments: This species occupies 18 grid squares across its range.

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

Comments: There are 4 occurrences in state or national parks or wilderness areas.

Environmental Sensitivity: B = Narrow. Specialist or community with key requirements common

Comments: This is a mycorrhizal species of coniferous forests.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

About 80% of the occurrences are not in protected area. If those sites are logged on a 40 year rotation about 20% would be impacted over 10 years and 80% would be impacted over 100 years.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: G3

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Rank Reviewer: Matt Trappe

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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