

Conservation Status Assessment

Scientific Name: *Rhizopogon flavofibrillosus*

Classification: Fungus

Assessment area: Oregon

Heritage Rank: **S3**

Rank Date: 3/9/2017

Rank Reasons: The ranking depends on the threat impact score. A score of high results in a rank of S2 while a score of medium results in a rank of S3.

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

Comments: The Oregon range is 11, 632, sq. km. There are sites in the Cascades of Deschutes and Lane counties and the Siskiyou Mountains of Douglas, Josephine, and Curry Counties.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: There are 10 known occurrences in Oregon

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

Comments: This species occupies 38 grid squares in Oregon.

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

Comments: One occurrences is in a research natural area.

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

Comments: A hypogenous mycorrhizal species.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:
9 of 10 occurrences may be threatened by timber harvest.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S3

Rank Author: Michael Russell

Rank Reviewer: Matt Trappe

References:

Castellano, Michael, Jane E. Smith, Thom O'Dell, Efen Cazares, and Susan Nugent. 1999. Handbook to strategy 1 fungal taxa from the Northwest Forest Plan. Gen. Tech. Rep. PNW-GTR-476. U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Research Station, Portland, OR. 195 pp.

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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