

Conservation Status Assessment

Scientific Name: *Rhizopogon flavofibrillosus*

Classification: Fungus

Assessment area: Global

Heritage Rank: **G3**

Rank Date: 3/9/2017

Rank Reasons: The ranking depends on the threat impact score. A score of high results in a rank of G2 while a score of medium results in a rank of G3.

Range Extent: G = 200,000-2,500,000 sq km (~80,000-1,000,000 sq mi)

Comments: The range of this species ins 493,890 sq. km. There are two sites in Lake County, Montana, the holotype and paratype are in Valley County, Idaho, there are sites in the Cascade Coast and Siskiyou Mountains of Oregon, and in Del Norte and Siskiyou county in Northern California, and on Santa Cruz Island in Santa Barbara County, California.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: There are 17 known occurrences of this species.

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

Comments: This species occupies about 45 grid squares across its range.

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

Comments: One occurrence is in a national park, and one 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:

16 of 17 collections may be threatened by timber harvest.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: G3

Rank Author: Michael Russell

Rank Reviewer: Matt Trappe

References:

Castellano, Michael, Jane E. Smith, Thom O'Dell, Efren 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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