

Conservation Status Assessment

Scientific Name: *Rhizopogon evadens var. subalpinus*

Classification: Fungus

Assessment area: Global

Heritage Rank: **GUT3**

Rank Date: 1/10/2017

Assigned Rank Comments: None.

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

Comments: The range of this variety is 145,493 sq. km. There are sites in the southern Washington Cascades, The Oregon Cascades, the Siskiyou Mountains of Siskiyou County, California, and the Holotype and paratype are from Adams and Idaho Counties, Idaho.

Population Size: Not assessed

Comments: None

Number of Occurrences: C = 21 - 80

Comments: There are 30 known occurrences of this variety across its range.

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

Comments: This variety occupies 30 grid squares across its range.

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

Comments: 6 occurrences are in wilderness areas or a national park.

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:

Approximately 84% of the sites are not in permanently protected areas. If those sites are logged on a 40 year interval, around 21% of sites would be impacted over 10 years and around 84% would be impacted over 100 years.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: T3

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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