

Conservation Status Assessment

Scientific Name: *Rhizopogon alexsmithii*

Classification: Fungus

Assessment area: Oregon

Heritage Rank: **S2**

Rank Date: 3/9/2017

Assigned Rank Reasons: Few occurrences, 3 in protected areas.

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

Comments: Marion, Clackamas, Lane county. Around 4800 sq. km.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: Some more recent collections from the same areas as the older collections.

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

Comments: Around 10 occurrences. Some with uncertain location, therefore covering more than one grid cell.

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

Comments: A few protected occurrences, some in Three Sisters Wilderness and one in Mount Jefferson wilderness

Environmental Sensitivity: Not Evaluated

Comments: None

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S2

Rank Author: Caitlin Lawrence

Rank Reviewer: Matt Trappe

References:

Vizzini, A.; Zotti, M.; Ryman, S.; Ghignone, S. 2010. Typification of *Octaviania rubescens* (Paxillineae, Boletales) and phylogenetic hypotheses for genus *Alpova*. *Mycologia* 102(4): 967-975.

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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