

## Conservation Status Assessment

**Scientific Name:** *Rhizopogon abietis*

**Classification:** Fungus

**Assessment area:** Oregon

**Heritage Rank:** **S3**

**Rank Date:** 1/9/2017

Assigned Rank Comments: None.

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

Comments: The Oregon Range is 36,447 sq. km. There are sites in the Cascades of Marion, Lane, Jackson and Klamath Counties, and in the Strawberry Mountains of Grant County.

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** B = 6 - 20

Comments: There are 7 known occurrences in Oregon.

**Area of Occupancy:** D = 6-25 4-km<sup>2</sup> grid cells

Comments: This species occupies 7 grid squares in Oregon.

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

Comments: 3 occurrences are in wilderness areas, one is in Crater Lake 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:

4 of the 7 occurrences may be threatened by timber harvest.

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** S3

**Rank Author:** Michael Russell

**Rank Reviewer:** Michael Russell

**References:**

Camacho, Francisco. 2002. Heritage rank status factors. Assessment for Survey and Manage Project, on-line: [http://orbic.pdx.edu/documents/survey/rhizopogon\\_abietis\\_or.pdf](http://orbic.pdx.edu/documents/survey/rhizopogon_abietis_or.pdf).

Castellano, M.A., E. Cazares, B. Fondrick and T. Dreisbach. 2003. Handbook to additional fungal species of Special Concern in the Northwest Forest Plan. USDA Forest Service, General Technical Report PNW-GTR-572.

Smith, A.H. and S.M. Zeller. 1966. Memoirs of the New York Botanical Garden: 14(2): 1-178.

**Definitions and Resources:**

<b>Rank Prefixes</b>	
G	Global rank, applied to taxon's full geographic range
S	State rank, applied to taxon's range within the designated state
<b>Rank Values</b>	
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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