

## Conservation Status Assessment

**Scientific Name:** *Rhizopogon truncatus*

**Classification:** Fungus

**Assessment area:** Global

**Heritage Rank:** **G4**

**Rank Date:** 1/11/2017

Assigned Rank Comments: None.

**Range Extent:** H = >2,500,000 sq km (> 1,000,000 sq mi)

Comments: The range is over 3 million sq. km. The type specimen is from New Hampshire. There are also sites in Connecticut and Nova Scotia. In the West there is one site in the Washington Cascades in Chelan County, sites in the Cascades and Siskiyou mountains of Oregon, and sites in the Siskiyou, Cascade, and Sierra Nevada Mountains of California.

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** D = 81 - 300

Comments: There are 116 known occurrences of this species across its range.

**Area of Occupancy:** F = 126-500 4-km<sup>2</sup> grid cells

Comments: This species occupies about 148 grid squares across its range.

**Good Viability:** D = Some (13-40) occurrences with excellent or good viability or ecological integrity

Comments: 17 occurrences are in wilderness areas, national recreation areas, or research natural areas.

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

Comments: A hypogeous mycorrhizal species.

**Short Term Trends:** Not Evaluated

Comments: None

**Long Term Trends:** Not Evaluated

Comments: None

**Threat Impact:** C = Medium

Comments:

The 5 sites in eastern North America may be threatened by residential development. Approximately 85% 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 85% would be impacted over 100 years.

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** G4

**Rank Author:** Michael Russell

**Rank Reviewer:** Michael Russell

**References:**

No additional references listed.

**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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