Conservation Status Assessment

**Scientific Name:** Rhizopogon abietis  
**Classification:** Fungus  
**Assessment area:** Global

**Heritage Rank:** G3  
**Rank Date:** 4/22/2017

Assigned Rank Comments: None.

Rank Adjustment Notes: This is a subterranean fungi that seems to grow in areas where few people look for truffle-like fungi so it is likely found in more sites than the few collections would suggest.

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

Comments: The range of this species is over 6 million sq. km. There are collections from New York, Tennessee, Nuevo Leon, Mexico, New Mexico, Wyoming, Central Idaho, The cascades and Blue Mountains of Oregon, and the Siskiyous of California.

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** C = 21 - 80

Comments: There are 22 known occurrences of this species across its range.

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

Comments: This species occupies 22 grid squares across its range.

**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:
Approximately 86% of sites are not in permanently protected areas. If those sites are logged on a 40 year rotation, around 21% of sites would be impacted over 10 years and around 86% would be impacted over 100 years.

**Intrinsic Vulnerability:**  Not Evaluated

**Comments:**  None

**Calculated Rank:**  G3

**Rank Author:**  Michael Russell

**Rank Reviewer:**  Ron Hamill

**References:**

**Definitions and Resources:**

<table>
<thead>
<tr>
<th>Rank Prefixes</th>
<th>Description</th>
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<tbody>
<tr>
<td>G</td>
<td>Global rank, applied to taxon's full geographic range</td>
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<tr>
<td>S</td>
<td>State rank, applied to taxon's range within the designated state</td>
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<table>
<thead>
<tr>
<th>Rank Values</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>Critically imperiled</td>
</tr>
<tr>
<td>2</td>
<td>Imperiled</td>
</tr>
<tr>
<td>3</td>
<td>Vulnerable</td>
</tr>
<tr>
<td>4</td>
<td>Apparently secure, uncommon but not rare</td>
</tr>
<tr>
<td>5</td>
<td>Secure, common, abundant, and widespread</td>
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Suggested citation:

More assessments available at [http://inr.oregonstate.edu/orbic/rare-species/ranking-documentation](http://inr.oregonstate.edu/orbic/rare-species/ranking-documentation)

Element rank calculator resources at [http://www.natureserve.org/conservation-tools/conservation-rank-calculator](http://www.natureserve.org/conservation-tools/conservation-rank-calculator)