Conservation Status Assessment

**Scientific Name:** *Rhizopogon atroviolaceus*

**Classification:** Fungus

**Assessment area:** Oregon

**Heritage Rank:** S3

**Rank Date:** 1/10/2017

Assigned Rank Comments: None.

**Range Extent:** E = 5,000-20,000 sq km (~2,000-8,000 sq mi)

Comments: The Oregon range is 7,769 sq. km. There are sites in the Cascades of Clackamas, Linn, Deschutes, Douglas, and Klamath counties.

**Population Size:** Not assessed

Comments: None

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

Comments: There are 15 known occurrences in Oregon.

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

Comments: This species occupies 15 grid squares in Oregon.

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

Comments: 8 occurrences are in wilderness areas, the Oregon Cascades Recreation Area, or 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: 7 of 15 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:

Definitions and Resources:

<table>
<thead>
<tr>
<th>Rank Prefixes</th>
<th>Rank Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>G</td>
<td>1  Critically imperiled</td>
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<tr>
<td>S</td>
<td>2  Imperiled</td>
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<td></td>
<td>3  Vulnerable</td>
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<td>4  Apparently secure, uncommon but not rare</td>
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<td>5  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

Element rank calculator resources at http://www.natureserve.org/conservation-tools/conservation-rank-calculator

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