Conservation Status Assessment

Scientific Name: **Mycena overholtsii**
Classification: Fungus
Assessment area: Oregon

Heritage Rank: S3
Rank Date: 3/9/2017

Assigned Rank Comments: None.

Range Extent: E = 5,000-20,000 sq km (~2,000-8,000 sq mi)
Comments: The Oregon Range is 21600 sq. km, including range of Survey and Manage sites. It occurs in the Cascade Mountains.

Population Size: Not assessed
Comments: None

Number of Occurrences: C = 21 - 80
Comments: There are 50 known occurrences in Oregon (includes four S/M records).

Area of Occupancy: E = 26-125 4-km² grid cells
Comments: This species occupies about 90 grid squares in Oregon.

Good Viability: C = Few (4-12) occurrences with excellent or good viability or ecological integrity
Comments: There are 7 sites in Wilderness Areas.

Environmental Sensitivity: B = Narrow. Specialist or community with key requirements common
Comments: This "snowbank" mushroom is a decomposer of woody debris in high elevation conifer forests.

Short Term Trends: Not Evaluated
Comments: None

Long Term Trends: Not Evaluated
Comments: None

**Threat Impact:**

C = Medium

Comments:
Approximately 85% of the known sites are not in protected areas. If those sites are logged on a 40 year rotation, then around 21% of the sites would be impacted over 10 years and around 85% would be impacted.

**Intrinsic Vulnerability:**

Not Evaluated

Comments: None

**Calculated Rank:**

S3

**Rank Author:**
Michael Russell; Lindsey Wise

**Rank Reviewer:**
Scot Loring

**References:**
No additional references listed.

**Definitions and Resources:**

<table>
<thead>
<tr>
<th>Rank Prefixes</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>G</td>
<td>Global rank, applied to taxon's full geographic range</td>
</tr>
<tr>
<td>S</td>
<td>State rank, applied to taxon's range within the designated state</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rank Values</th>
<th>Description</th>
</tr>
</thead>
<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>
</tr>
</tbody>
</table>

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)