## Conservation Status Assessment

**Scientific Name:** Pholiota nubigena  
**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 18,287 sq km. Sites are found in the Cascade range from Deschutes to Klamath County as well in the Siskiyou Mountains.

### Population Size:  
Not assessed

Comments: None

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

Comments: There are about 56 known occurrences in Oregon.

### Area of Occupancy:  
E = 26-125 4-km2 grid cells

Comments: This species occupies about 107 grid squares in Oregon.

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

Comments: 20 occurrences are entirely or partly in a National Park or Wilderness Area.

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

Comments: A saprotroph of conifer (primarily Abies spp. But some collections report Tsuga mertensiana or Pinus contorta) wood in high elevation forests.

### Short Term Trends:  
Not Evaluated

Comments: None

### Long Term Trends:  
Not Evaluated

Comments: None

### Threat Impact:  
C = Medium

Comments:
Around 60% of sites are not in permanently protected areas. If those sites are logged on a 40 year rotation, around 15% of sites would be impacted over 10 years and around 60 % would be impacted over 100 years. As a denizen of high elevation forests this species could be impacted by climate change.

**Intrinsic Vulnerability:**
Not Evaluated

**Comments:** None

**Calculated Rank:** S3

**Rank Author:** Michael Russell  
**Rank Reviewer:** Matt Trappe

**References:**  

**Definitions and Resources:**

<table>
<thead>
<tr>
<th>Rank Prefixes</th>
<th>Rank Values</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>
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<tr>
<td>1</td>
<td>Critically imperiled</td>
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<tr>
<td>2</td>
<td>Imperiled</td>
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<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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</tbody>
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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)