### Conservation Status Assessment

<table>
<thead>
<tr>
<th>Scientific Name:</th>
<th><em>Helvella crassitunicata</em></th>
</tr>
</thead>
<tbody>
<tr>
<td>Classification:</td>
<td>Fungus</td>
</tr>
<tr>
<td>Assessment area:</td>
<td>Oregon</td>
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</tbody>
</table>

**Heritage Rank:** S3  
**Rank Date:** 11/23/2016

Assigned Rank Comments: None.

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

Comments: The Oregon range is just under 16,000 sq. km and includes sites in the Cascades and Siskiyou Mountains.

**Population Size:** Not assessed  
Comments: None

**Number of Occurrences:** B = 6 - 20  
Comments: There are 7 occurrences in Oregon.

**Area of Occupancy:** D = 6-25 4-km2 grid cells  
Comments: This species occupies fewer than 18 grid squares in Oregon.

**Good Viability:** C = Few (4-12) occurrences with excellent or good viability or ecological integrity  
Comments: 4 occurrences are in or on the edge of wilderness areas.

**Environmental Sensitivity:** B = Narrow. Specialist or community with key requirements common  
Comments: This species is likely mycorrhizal on high elevation forests. Its wide range suggests that it can form associations with several species in those communities.

**Short Term Trends:** Not Evaluated  
Comments: None

**Long Term Trends:** Not Evaluated  
Comments: None

**Threat Impact:** C = Medium  
Comments:
3 of 7 sites are in wilderness areas and a fourth crosses a wilderness boundary. If non-wilderness sites are managed on a 40 year timber harvest rotation around 12% of sites would be impacted over 10 years and about 50% of sites would be impacted over 100 years.

**Intrinsic Vulnerability:** Not Evaluated

**Comments:** None

**Calculated Rank:** S3

**Rank Author:** Michael Russell

**Rank Reviewer:** Michael Russell

**References:**
No additional references listed.

**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>
</tr>
<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>
</tr>
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</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)

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