

## Conservation Status Assessment

**Scientific Name:** *Helvella crassitunicata*

**Classification:** Fungus

**Assessment area:** Oregon

**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-km<sup>2</sup> 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:**

**Rank Prefixes**

- G Global rank, applied to taxon's full geographic range
- S State rank, applied to taxon's range within the designated state

**Rank Values**

- 1 Critically imperiled
- 2 Imperiled
- 3 Vulnerable
- 4 Apparently secure, uncommon but not rare
- 5 Secure, common, abundant, and widespread

**Suggested citation:**

Oregon Biodiversity Information Center. 2017. Fungi Conservation Status Assessments. Institute for Natural Resources, Portland State University and Oregon State University. Portland, Oregon and Corvallis, Oregon.

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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