

Conservation Status Assessment

Scientific Name: *Helvella crassitunicata*

Classification: Fungus

Assessment area: Washington

Heritage Rank: **S3**

Rank Date: 11/23/2016

Assigned Rank Comments: None.

Range Extent: F = 20,000-200,000 sq km (~8,000-80,000 sq mi)

Comments: The Washington range is about 30,000 sq. km and includes sites in the Olympic and Cascade ranges.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: There are 17 occurrences in Washington

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

Comments: The Washington sites occupy around 25 grid squares.

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

Comments: There are 14 occurrences in National parks or 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: CD = Medium - Low

Comments:

3 of 17 sites are not in permanently protected areas. If the remaining sites are managed for timber on a 40 year rotation that would impact around 4% of the sites over 4 years and around 15% of the sites over 100 years.

Intrinsic Vulnerability: B = Moderately vulnerable

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>

Oregon Biodiversity Information Center, Institute for Natural Resources

Oregon State University and Portland State University

Mail Stop: INR, P.O. Box 751

Portland, OR 97207-0751

(503)-725-9950

<http://inr.oregonstate.edu/orbic>

<http://inr.oregonstate.edu/>