

Conservation Status Assessment

Scientific Name: *Helvella elastica*

Classification: Fungus

Assessment area: Washington

Heritage Rank: **S3**

Rank Date: 11/25/2016

Rank Reasons: Fairly large range with dozens of sites, some threats from logging or other disturbances.

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

Comments: Occupies 98,000 sq. km in Washington. Sites are in the Olympic and Cascade mountain ranges. There are also sites in the San Juan Islands and south of Spokane. There are sites in the Idaho panhandle suggesting the range may be somewhat increased if new sites are found in the northeastern Washington ranges.

Population Size: Not assessed

Comments: None

Number of Occurrences: C = 21 - 80

Comments: 34 documented occurrences in Washington

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

Comments: Occupies approximately 42 grid squares in Washington

Good Viability: C = Few (4-12) occurrences with excellent or good viability or ecological integrity

Comments: 9 occurrences are in wilderness areas or national parks.

Environmental Sensitivity: C = Moderate. Generalist or community with some key requirements scarce

Comments: This species is found in coniferous forests dominated by a members of the Pinaceae

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

25 of 34 occurrences are not in permanently protected areas. If the remaining sites are logged on a 40 year rotation about 21% could be impacted over 10 years and around 85% could 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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