

Conservation Status Assessment

Scientific Name: *Helvella elastica*

Classification: Fungus

Assessment area: Oregon

Heritage Rank: **S2**

Rank Date: 3/9/2017

Assigned Rank Comments: None.

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

Comments: The range is about 41,000 sq. km in Oregon. It includes the cascade range and the northern Oregon coast range. One additional site in Douglas Co. (Loring)

Population Size: Not assessed

Comments: None

Number of Occurrences: C = 21 - 80

Comments: Around 50 known occurrences in Oregon

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

Comments: This species occupies about 60 grid squares in Oregon.

Good Viability: B = Very few (1-3) occurrences with excellent or good viability or ecological integrity

Comments: Only 1 known site occurs in a designated wilderness area.

Environmental Sensitivity: Not Evaluated

Comments: None

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: B = High

Comments:

Only one site is in a designated wilderness area. If the other sites are logged on a 40 year rotation about 25% of the sites would be impacted over a 10 year period and 98% of the sites would be impacted over a 100 year period

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S2

Rank Author: Michael Russell

Rank Reviewer: Scot Loring

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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