

Conservation Status Assessment

Scientific Name: *Hygrophorus caeruleus*

Classification: Fungus

Assessment area: Washington

Heritage Rank: **S1S2**

Rank Date: 11/28/2016

Assigned Rank Comments: None.

Rank Adjustment Notes: Based on rarity factors the rating would be S1. Adding the moderate threat impact changes it to S2 despite the fact that all of the sites are in unprotected areas.

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

Comments: The Washington range is about 5500 sq. km. Sites are found in the east cascades from Chelan County to eastern Skamania County.

Population Size: Not assessed

Comments: None

Number of Occurrences: A = 1 - 5

Comments: There are 5 occurrences in Washington

Area of Occupancy: C = 3-5 4-km² grid cells

Comments: This species occupies 5 grid squares in Washington

Good Viability: A = No occurrences with excellent or good (A or B) viability or ecological integrity

Comments: No occurrences are in wilderness areas or National Parks.

Environmental Sensitivity: B = Narrow. Specialist or community with key requirements common

Comments: Mycorrhizal in high elevation conifer forest.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

No sites are in permanently protected areas. If the sites are logged on a 40 year rotation 25% of the sites would be impacted over 10 years and 100% of the sites would be impacted over 100 years.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S2

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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