

Conservation Status Assessment

Scientific Name: *Phaeoclavulina abietina*

Classification: Fungus

Assessment area: Washington

Heritage Rank: **S2**

Rank Date: 4/22/2017

Assigned Rank Comments: None.

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

Comments: The Washington range is 72,148 sq. km. There are sites in the Olympic Peninsula, the San Juan Islands and the Puget trough, the Cascades, and in Eastern Washington.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: There are 13 known occurrences in Washington.

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

Comments: This species occupies about 15 grid squares in Washington.

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

Comments: One site is in Mount Rainier National Park, one is in Deception Pass State Park.

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

Comments: A decomposer of conifer debris found in forests around the world.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: B = High

Comments:

7 sites in the Puget Trough and eastern Washington may be threatened by residential development. Approximately 94% of sites are not in permanently protected areas. If those sites are logged on a 40 year rotation, around 24% would over 100 years. be impacted over 10 years and around 94% would be impact.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S2

Rank Author: Michael Russell

Rank Reviewer: Ron Hamill

References:

Giachini, A.J.; Castellano, M.A. 2011. A new taxonomic classification for species in Gomphus sensu lato. Mycotaxon. 115:183-201.

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/>