

Conservation Status Assessment

Scientific Name: *Cortinarius cyanites*

Classification: Fungus

Assessment area: Washington

Heritage Rank: **S3**

Rank Date: 3/9/2017

Rank Reasons: Only about 12 known occurrences, but half are in protected areas. Only a couple recent occurrences.

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

Comments: Low end of this range, around 27,000 sq. km. Northwest side of the state.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: Around 12 occurrences in Washington.

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

Comments: Around 12 or so occupied grid cells.

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

Comments: Around 6 occurrences in protected areas, including Olympic National Park, Mount Rainier National Park,

Environmental Sensitivity: Not Evaluated

Comments: None

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

Half of the occurrences in Washington are located in protected areas. In 2002 assessment Norvell said: "In Washington, COCY8 has been found only LSOG coniferous forests, (Ammirati 1998) Whatever threatens an extant forest and its symbiotic partners will threaten COCY8, which is imperiled by hot fires, road construction or other development, and clearcutting, but appears to be able to withstand light to moderate thinning (Norvell pers. comm. 2002, Norvell & Exeter 2003). The documented extant occurrence may or may not lie in a currently protected riparian reserve and so may be at risk to human interference in addition to natural catastrophes. HOWEVER, it is likely that more populations occur in the state. Dr Joe Ammirati and/or Dr Michelle Seidl of the U of Washington should be contacted for additional information on Washington populations." No new occurrences in the state since 2002.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S3

Rank Author: Caitlin Lawrence

Rank Reviewer: Lorelei Norvell

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

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