

Conservation Status Assessment

Scientific Name: *Craterellus tubaeformis*

Classification: Fungus

Assessment area: Washington

Heritage Rank: **S3S4**

Rank Date: 12/8/2016

Rank Reasons: Good number of occurrences. Many are recent. Species is probably more common than this, threats may be low.

Rank Adjustment Notes: This species is likely to be more common in Washington than the number of recorded observations suggest.

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

Comments: Lower to mid end of this range, around 70 000 sq. km. Spans most of the western side of the state.

Population Size: Not assessed

Comments: None

Number of Occurrences: D = 81 - 300

Comments: Lower end of this range, around 90-95. Many recent occurrences. Many from similar, clustered locations.

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

Comments: Mid range of this, around 90.

Good Viability: D = Some (13-40) occurrences with excellent or good viability or ecological integrity

Comments: Occurrences located in Henry M Jackson Wilderness, Olympic National Park, Wild Sky Wilderness, 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: CD = Medium - Low

Comments:

Around 20 of 90 occurrences are located on protected land. If unprotected sites are logged on a 40 year rotation, about 19-20% would be impacted in 10 years, and 77% in 100 years. And Norvell 2002 says: "CRTU has been found in all-age forests, where it is associated with western hemlock. Population longevity is unknown, although in Oregon one individual has been sampled annually from 1998 (autumn) through 2002 (spring) without apparent ill effect (Norvell & Exeter 2003). Whatever threatens western hemlock and the woody substrate will threaten CRTU3, which is imperiled by hot fires, road construction or other development, and clearcutting. It appears to withstand light to moderate thinning (Trappe 2001, Norvell & Exeter 2003)"

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S4?

Rank Author: Caitlin Lawrence

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>

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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