

Conservation Status Assessment

Scientific Name: *Chrysomphalina grossula*

Classification: Fungus

Assessment area: Washington

Heritage Rank: **S2**

Rank Date: 3/9/2017

Rank Reasons: S2 ranking, however Norvell in 2002 stated that she believed many or all of the populations not to be extant. Could be S1 if that were the case.

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

Comments: At the very low end of this range. About 20,800 sq. km.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: Around 15 occurrences.

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

Comments: Around 15 occupied grid cells.

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

Comments: 7 occurrences in protected areas.

Environmental Sensitivity: Not Evaluated

Comments: None

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: U = Unknown

Comments:

Unrated since Norvell in 2002 said that she believed none of the populations to be extant: "In Washington CHGR23 is found sporadically in Tsuga/Pseudotsuga forests on water soaked coniferous woods or in wooded cultivated areas with imported wood mulch. Whatever threatens the general habitat, microclimates, and/or substrate can imperil CHGR23. All populations are at risk to incidental catastrophic events, such as hot fires, and unmonitored human interference. Unprotected occurrences are at risk from logging activities such as brush clearing or removal of coniferous coarse woody debris and current populations (Norvell et al 1994; Norvell 1998, pers. comm. 2002). As all known occurrences of CHGR3 in Washington are suspected to be no longer extant, the long-term trend cannot be predicted." There are 3 occurrences on mushroomobserver.org that are more recent in Washington.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S2

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>

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