

Conservation Status Assessment

Scientific Name: *Chrysomphalina grossula*

Classification: Fungus

Assessment area: Oregon

Heritage Rank: **S2**

Rank Date: 3/9/2017

Rank Reasons: Less than 10 occurrences, and current status of them mostly unknown. L. Norvell says "No additional info to contradict assigned rank, except to note that my 1987–1997 population disappeared after imported bark dust exhausted!"

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

Comments: About 32,000 sq. km.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: Around 8 occurrences. Some locations with many collections.

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

Comments: Right around 25 grid cells occupied. A few occurrences have been collected from the same area multiple times and therefore cover multiple grid cells.

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

Comments: One on edge of Mount Hood Wilderness.

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:

Norvell 2002 says: "n Oregon CHGR23 is found sporadically in Tsuga/Pseudotsuga forests on water soaked coniferous woods or once in a cultivated forested garden 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 the 5 documented occurrences in Oregon are not demonstrably extant (and may well be extinct), the long term trend cannot be estimated.." Unknown and medium threat both result in an S2 ranking.

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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