

Conservation Status Assessment

Scientific Name: *Cortinarius verrucisporus*

Classification: Fungus

Assessment area: Global

Heritage Rank: **G3**

Rank Date: 3/9/2017

Rank Reasons: Moderate number of occurrences from 3 states. A few additional collections since the last assessment in 2002 but only 2 collections are in protected areas.

Range Extent: G = 200,000-2,500,000 sq km (~80,000-1,000,000 sq mi)

Comments: Known from Oregon and California, with an occurrence in Colorado that extends this range to around 430,000 sq. km.

Population Size: Not assessed

Comments: None

Number of Occurrences: C = 21 - 80

Comments: Around 25 occurrences known from Oregon, California and Colorado.

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

Comments: Around 35 or so occupied grid cells. A number of clustered occurrences/collections in southern Oregon.

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

Comments: Only 2 of the known occurrences are located in protected areas, Lassen Volcanic National Park and Yosemite 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:

According to Seidl in the 2002 assessment: "It has a narrow range extent preferring dry, montane, late successional conifer forests." Only 2 of the known occurrences are in protected areas, the others could be threatened by logging or other development.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: G3

Rank Author: Caitlin Lawrence

Rank Reviewer: Scot Loring

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

<http://inr.oregonstate.edu/orbic>

<http://inr.oregonstate.edu/>