

Conservation Status Assessment

Scientific Name: *Catathelasma ventricosum*

Classification: Fungus

Assessment area: Global

Heritage Rank: **G4**

Rank Date: 3/9/2017

Rank Reasons: Currently accepted name: *C. ventricosum*

Range Extent: H = >2,500,000 sq km (> 1,000,000 sq mi)

Comments: Found across North America with occurrences from Alaska, Washington, Oregon, California, Colorado, Virginia, Alabama, District of Columbia, Idaho, Georgia, Maryland, Florida, Maine, Tennessee, North Carolina, New Mexico, Ontario, Quebec, Nova Scotia, British Columbia. Also an occurrence in China and maybe France and Italy.

Population Size: Not assessed

Comments: None

Number of Occurrences: D = 81 - 300

Comments: More than 80 worldwide. At least 30 new occurrence records since 2002.

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

Comments: Some clustered occurrences.

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

Comments: 13 or more occurrences in protected areas: Olympic National Park, Glacier Bay National Park, Vasquez Peak Wilderness Area, Sir Richard Squires Memorial Provincial Park, Patrick's Point State Park, Mount Rainier National Park, Prairie Creek Redwoods State Park, The Great Smoky Mountains National Park, Oswald West State Park, Redwoods 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:

Around 10 of at least 80 occurrences are in protected areas. If unprotected sites are logged on a 40 year rotation, about 22% would be affected in 10 years, and 88% in 100 years. Hawes in 2002 said: "Widespread, low-severity threat. Logging, road and trail construction, or other activities that destroy the conifers on which this species depends may threaten this species. Over-collecting of this apparently edible species may also threaten its survival."

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: G4

Rank Author: Caitlin Lawrence

Rank Reviewer: Scot Loring

References:

Singer, R. 1940. Notes sur quelques Basidiomycetes. Revue de Mycologie. 5:3-13.

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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