

Conservation Status Assessment

Scientific Name: *Chroogomphus oculatus*

Classification: Fungus

Assessment area: Oregon

Heritage Rank: **S2**

Rank Date: 8/8/2017

Rank Reasons: Less than 10 known occurrences, only in one state. Species was assessed with the known data but Norvell 2002 states: "Believed to be undergoing taxonomic evaluation: may represent only an environmental variation of the common *Chroogomphus tomentosus*. Molecular confirmation needed."

Rank Adjustment Notes: S2 if valid variety; S4S5 if synonymous with *Chroogomphus tomentosus*. Found only in one region. Co-author OK Miller's (Mycologia 2004) ITS sequence analyses support this as *C. tomentosus*; analyses not refined enough to tease out varietal support.

Range Extent: D = 1,000-5,000 sq km (~400-2,000 sq mi)

Comments: Approximately 1,800 sq. km. Found only in Willamette National Forest.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: Around 7 occurrences

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

Comments: Around 15, a few of the occurrences had multiple collections. Norvell 2002: "Believed to be undergoing taxonomic evaluation: may represent only an environmental variation of the common *Chroogomphus tomentosus*. Molecular confirmation needed."

Good Viability: A = No occurrences with excellent or good (A or B) viability or ecological integrity

Comments: No 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: C = Medium

Comments:
Could be impacted by logging.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S2

Rank Author: Caitlin Lawrence; Lindsey Wise

Rank Reviewer: Lorelei Norvell; Lindsey Wise

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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