

Conservation Status Assessment

Scientific Name: *Clavariadelphus sachalinensis*

Classification: Fungus

Assessment area: Global

Heritage Rank: **G4**

Rank Date: 4/22/2017

Rank Reasons: Found across a wide range, a few occurrences in protected areas.

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

Comments: Ranges across North America with a few occurrences in Russia and Sweden as well.

Population Size: Not assessed

Comments: None

Number of Occurrences: D = 81 - 300

Comments: Around 130-150 occurrences. 2002 survey lists 183.

Area of Occupancy: F = 126-500 4-km² grid cells

Comments: At least 185 occupied grid cells. Lots of clustered collections in southern Oregon that occupy multiple grid cells.

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

Comments: Around 9 or 10 occurrences in protected areas including: Glacier Bay National Park, William A. Switzer Provincial Park, Rocky Mountain National Park, Maroon Bells-Snowmass Wilderness, Rocky Mountains National Park, Oka (Parc provincial), Pasayten Wilderness, Three Sisters Wilderness, Frank Church-River of No Return Wilderness, Hyde Memorial State 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 130 occurrences in protected areas. If the unprotected sites are logged on a 40 year rotation, about 23% would be affected in 10 years and 90% in 100 years. This is a mycorrhizal species susceptible to logging activities.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: G4

Rank Author: Caitlin Lawrence

Rank Reviewer: Ron Hamill

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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