

Conservation Status Assessment

Scientific Name: *Stropharia albivelata*

Classification: Fungus

Assessment area: Oregon

Heritage Rank: **S2**

Rank Date: 3/9/2017

Rank Reasons: Found regularly on control transect of Green Peak Density study (Norvell & Exeter 2004). Have found no data to contradict 2017 assigned Oregon rank; see global note about name change.

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

Comments: The Oregon range is 36,017 sq. km. There are sites near the Coast in Tillamook and Coos county, In the Coast Range in Lincoln, Polk, Benton, and Lane county, In the west Cascades in Clackamas County, and in the Siskiyou near Grants Pass.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: There are 14 known occurrences documented in the herbarium or agency databases with precise coordinate locations. There are about 5 more with less precise location information.

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

Comments: This species occupies about 15 grid squares in Oregon

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

Comments: One occurrence is partially within a wilderness area

Environmental Sensitivity: B = Narrow. Specialist or community with key requirements common

Comments: A saprotroph on downed woody debris within the *Tsuga heterophylla*/*Pseudotsuga menziesii* zone.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

Only one site is partially in a permanently protected area. If the sites are logged on a 40 year rotation, about 25% would be impacted over 10 years, and about 100% would be impacted over 100 years. 5 of about 18 sites have a town or city listed as their location and may be threatened by residential development.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S2

Rank Author: Michael Russell

Rank Reviewer: Lorelei Norvell

References:

Norvell, L.L. Redhead, S.A. 2000. Stropharia albivelata and its basionym Pholiota albivelata. Mycotaxon 76:315-320.

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/>