

## Conservation Status Assessment

**Scientific Name:** *Stropharia albivelata*

**Classification:** Fungus

**Assessment area:** Washington

**Heritage Rank:** **S3**

**Rank Date:** 3/9/2017

Rank Reasons: Have found no data to contradict 2017 assigned Washington rank; see global note about name change.

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

Comments: The Washington Range is 43,938 sq. km. There are sites near the coast and in the mountains of the Olympic Peninsula, in the Puget Trough near Seattle and Olympia, and in the Cascades. Most sites are west of the cascades crest, but there is one site slightly east of the crest in Chelan County.

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** C = 21 - 80

Comments: There are 22 known occurrences in Washington.

**Area of Occupancy:** D = 6-25 4-km<sup>2</sup> grid cells

Comments: This species occupies 22 grid squares in Washington.

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

Comments: Eight sites are in National Parks or Wilderness areas.

**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:**

Approximately 60% of sites are not in permanently protected areas. If those sites are logged on a 40 year rotation, about 15% of all sites would be impacted over 10 years, and about 60% would be impacted over 100 years. 4 sites (about 20%) are in the Seattle, Olympia, or Copalis areas and may be threatened by residential development.

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** S3

**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>

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