

## Conservation Status Assessment

**Scientific Name:** *Stropharia albivelata*

**Classification:** Fungus

**Assessment area:** California

**Heritage Rank:** **S2**

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

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

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

Comments: The California range is 4,094 sq. km. There are sites in the coastal mountains of Del Norte, Humboldt, and Trinity Counties.

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** B = 6 - 20

Comments: There are 5 known occurrences documented with precise coordinate locations in agency or herbarium databases. There are about 4 more occurrences with documented with herbarium collections with less precise location information.

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

Comments: This species occupies about 8 grid squares in California.

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

Comments: 2 occurrences are in national or state parks.

**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 2 of the known sites are in protected areas. If the other sites are logged on a 40 year rotation, about 22% of sites would be impacted over 10 years, and about 85% would be impacted over 100 years. 2 known occurrences have a town as the location information 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>

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