Conservation Status Assessment

**Scientific Name:** *Lactarius silviae*  
**Classification:** Fungus  
**Assessment area:** Oregon

**Heritage Rank:** S2S3  
**Rank Date:** 3/9/2017

Assigned Rank Comments: None.

**Range Extent:**  
E = 5,000-20,000 sq km (~2,000-8,000 sq mi)  
Comments: Approximately 15,000 sq. km.

**Population Size:**  
Not assessed  
Comments: None

**Number of Occurrences:**  
B = 6 - 20  
Comments: 9 or so occurrences.

**Area of Occupancy:**  
E = 26-125 4-km2 grid cells  
Comments: Some large occurrences where it has been collected multiple times in experimental areas.

**Good Viability:**  
B = Very few (1-3) occurrences with excellent or good viability or ecological integrity  
Comments: Found in Cummins Creek Wilderness and Copper Salmon Wilderness

**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:
2 protected occurrences of 9. Others at risk of logging. If unprotected sites were logged on a 40 year rotation, about 20% would be affected over 10 years and 78% over 100 years. From Camacho 2002: “This is a mycorrhizal species it is dependent on a host tree for its carbohydrates. Studies have shown that if the tree is killed the mycorrhizal fungi die shortly after. The one possibly saving feature of this species it the spore bank. However, nothing is known about the spore bank of this species.”

**Intrinsic Vulnerability:** Not Evaluated

**Comments:** None

**Calculated Rank:** S3

**Rank Adjustment Notes:** Relatively few occurrences, but has been recollected from the same locations. If ranked as high threat, or lowered to a D for number of grid cells become G2. Seems rare and like the threats may be higher so given an S2S3 rank.

**Rank Author:** Caitlin Lawrence

**Rank Reviewer:** Matt Trappe

**References:**


**Definitions and Resources:**

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<thead>
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Suggested citation:


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