

Conservation Status Assessment

Scientific Name: *Balsamia nigrens*

Classification: Fungus

Assessment area: Oregon

Heritage Rank: **S2**

Rank Date: 3/9/2017

Rank Reasons: Less than 20 occurrences, none in protected areas.

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

Comments: Just at the very low end of this range, around 21,000 sq. km.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: Around 10. From Weber, Kagan, Cazares 2002: "Truffles have been studied in western North America for over a hundred years. However, even among truffles in general this species is not common although it may be more abundant than data indicates. Castellano et al. (1999) report five sites in Oregon from within the range of the northern spotted owl, only four of them appear to be listed in ISMS." Seem to be a few additional since then but less than 20.

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

Comments: Around 10 occurrences, some with larger range covering multiple grids, but mostly due to uncertain location.

Good Viability: A = No occurrences with excellent or good (A or B) viability or ecological integrity

Comments: None appear to be in protected areas.

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:

All would be at risk from logging.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S2

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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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