

## Conservation Status Assessment

**Scientific Name:** *Phellodon atratus*

**Classification:** Fungus

**Assessment area:** Oregon

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

**Rank Date:** 5/23/2018

Rank Reasons: With the same range and threat impact score, to increase the rank to S4 there would need to be an additional 73 occurrences with 37 in protected areas. Or 37 more sites in protected areas and an additional 9,000 sq. km of range. However, in the 2002 ranking, F. Camacho claims that based on his experience in the Oregon coast range it is common.

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

Comments: The Oregon range is 11,319 sq. km. There are sites near the coast from Tillamook to Coos County, and one site in the Cascade Foothills of Douglass County.

**Population Size:** Not assessed

Comments: None

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

Comments: There are 8 known occurrences in Oregon. In the 2002 ranking, F. Camacho stated that his "experience for several years of collection along the central Oregon coast."

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

Comments: There are about 8 grid squares occupied by this specie in Oregon.

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

Comments: There are 4 sites in state Parks or Research Natural areas in Oregon.

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

Comments: Mycorrhizal on trees in the Pinaceae or Fagaceae.

**Short Term Trends:** Not Evaluated

Comments: None

**Long Term Trends:** Not Evaluated

Comments: None

**Threat Impact:** C = Medium

## Comments:

Half of the sites may be threatened by logging

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** S3

**Rank Author:** Michael Russell

**Rank Reviewer:** Michael Russell; Lindsey Wise

**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>

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>

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