

## Conservation Status Assessment

**Scientific Name:** *Phellodon atratus*

**Classification:** Fungus

**Assessment area:** Global

**Heritage Rank:** **G4**

**Rank Date:** 12/16/2016

Assigned Rank Comments: None.

Rank Adjustment Notes: In the 2002 ranking F. Camacho gave it a G4 ranking and suspect(s) it is a common species". When the mushroom observer sites are included in the number of occurrences and number of protected occurrences counts, it would increase each score by one step (C to D). Increasing both of those scores increases the ranking to a G4.

**Range Extent:** H = >2,500,000 sq km (> 1,000,000 sq mi)

Comments: The global range is more than 11 million sq. km. There are sites in the Mycoportal and Agency databases along the west coast from Central British Columbia to Santa Cruz County, California. There are also sites in the Idaho Panhandle, Quebec, Tennessee, Belize and Casita Alta in "possibly Panama". In the 2002 ranking, F. Camacho stated this was a "Endemic tot he pacific Northwest, British Columbia to California." Among the collections on mycoportal.org from outside the Pacific Northwest, only the Tennessee collection (collected in 2009) were collected later than 1978. There is a collection from Ontario, Canada on mushroomobserver.com

**Population Size:** Not assessed

Comments: None

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

Comments: There are around 56 known occurrences across its range. There are also about 40 records from the mushroomobserver.org website.

**Area of Occupancy:** E = 26-125 4-km<sup>2</sup> grid cells

Comments: This species occupies about 51 grid squares across its range.

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

Comments: There are 12 sites in State or National Parks, National Recreation Areas, and Research Natural Areas.

**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:

12 of 56 known sites are in protected areas. If the other sites are logged on a 40 year rotation, about 20% would be impacted over 10 years, and around 83% would be impacted over 100 years.

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** G3

**Rank Author:** Michael Russell

**Rank Reviewer:** Michael Russell

**References:**

No additional references listed.

**Definitions and Resources:**

<b>Rank Prefixes</b>	
G	Global rank, applied to taxon's full geographic range
S	State rank, applied to taxon's range within the designated state
<b>Rank Values</b>	
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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