

## Conservation Status Assessment

**Scientific Name:** *Phellodon atratus*

**Classification:** Fungus

**Assessment area:** California

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

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

Rank Reasons: With the same range and threat impact score, to increase the rank to S4, there would need to be an additional 37 occurrences in protected areas or an additional 107 grid squares occupied by 64 occurrences with at least 6 in protected areas.

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

Comments: The California range is 22,805 sq. km. There are sites along the west slopes of Coast Ranges from Del Norte to Santa Cruz Counties.

**Population Size:** Not assessed

Comments: None

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

Comments: There are 17 known sites in California. There are about 30 records of this species on the mushroomobserver.org website from California.

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

Comments: This species occupies about 19 grid squares in California.

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

Comments: Four sites are in State or National Parks or a national recreation area.

**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:

Around 75% of sites are not in protected areas. If those sites are logged on a 40 year rotation, around 19% of sites would be impacted over 10 years and around 75% of sites would be impacted over 100 years.

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** S3

**Rank Author:** Michael Russell

**Rank Reviewer:** Michael Russell

**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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