

Conservation Status Assessment

Scientific Name: *Phellodon atratus*

Classification: Fungus

Assessment area: Washington

Heritage Rank: **S3**

Rank Date: 12/16/2016

Assigned Rank Comments: None.

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

Comments: The Washington range is 22,738 sq. km. There are sites on the Olympic Peninsula and the Puget Trough, and one record from the southwest corner of Mount Rainier. There is a collection from Bonner County, suggesting the range could include sites further east.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: There are 18 known occurrences in Washington.

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

Comments: There are about 19 grid squares occupied by this species in Washington.

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

Comments: Four sites are in National Park.

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:

Four of 18 known sites are in protected areas. If the other sites are logged on a 40 year rotation, around 20% would be impacted over 10 years and around 77% would be impacted over 100 years. 11 of 18 sites are in the Puget Trough and may be threatened by residential development.

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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