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:**

\[ F = 20,000-200,000 \text{ sq km (~8,000-80,000 sq mi)} \]

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:**

<table>
<thead>
<tr>
<th>Rank Prefixes</th>
<th>Description</th>
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<tbody>
<tr>
<td>G</td>
<td>Global rank, applied to taxon’s full geographic range</td>
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<tr>
<td>S</td>
<td>State rank, applied to taxon’s range within the designated state</td>
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<table>
<thead>
<tr>
<th>Rank Values</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>Critically imperiled</td>
</tr>
<tr>
<td>2</td>
<td>Imperiled</td>
</tr>
<tr>
<td>3</td>
<td>Vulnerable</td>
</tr>
<tr>
<td>4</td>
<td>Apparently secure, uncommon but not rare</td>
</tr>
<tr>
<td>5</td>
<td>Secure, common, abundant, and widespread</td>
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</tbody>
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Suggested citation:

More assessments available at [http://inr.oregonstate.edu/orbic/rare-species/ranking-documentation](http://inr.oregonstate.edu/orbic/rare-species/ranking-documentation)

Element rank calculator resources at [http://www.natureserve.org/conservation-tools/conservation-rank-calculator](http://www.natureserve.org/conservation-tools/conservation-rank-calculator)

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