Conservation Status Assessment

**Scientific Name:** *Endogone oregonensis*

**Classification:** Fungus

**Assessment area:** Global

**Heritage Rank:** G2

**Rank Date:** 3/9/2017

Rank Reasons: Only known from around 5 occurrences all in Oregon.

**Range Extent:** D = 1,000-5,000 sq km (~400-2,000 sq mi)

Comments: Around 3,000 sq. km range. Found only in Oregon in Polk, Lincoln, Benton, and Douglas counties.

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** A = 1 - 5

Comments: 5 occurrences.

**Area of Occupancy:** C = 3-5 4-km2 grid cells

Comments: 5 occurrences in 5 grid cells.

**Good Viability:** A = No occurrences with excellent or good (A or B) viability or ecological integrity

Comments: None of the occurrences are in protected areas.

**Environmental Sensitivity:** Not Evaluated

Comments: None

**Short Term Trends:** Not Evaluated

Comments: None

**Long Term Trends:** Not Evaluated

Comments: None

**Threat Impact:** C = Medium

Comments:
From 2002 assessment Camacho said: “This is a mycorrhizal species it is dependent on a host tree for its carbohydrates. Studies have shown that if the tree is killed the mycorrhizal fungi die shortly after. The one possibly saving feature of this species it the spore bank. However, nothing is known about the spore bank of this species.” Some of the occurrences are older occurrences, however Camacho also said “This fungus is known from 8 sites in Oregon. However, it is very small, hypogenous and easily overlooked. All of these sites are with in the areas that are well characterized for truffles. It is unclear how much further the range of this species extends.”

**Intrinsic Vulnerability:** Not Evaluated

**Comments:** None

**Calculated Rank:** G2

**Rank Author:** Caitlin Lawrence

**Rank Reviewer:** Matt Trappe

**References:**

**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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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)