

## Conservation Status Assessment

**Scientific Name:** *Elaphomyces anthracinus*

**Classification:** Fungus

**Assessment area:** Global

**Heritage Rank:** **G3**

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

Rank Reasons: Seems to be a widespread species, however rare throughout its range, and many of them are not very recent occurrences. Hard to assess the number of extant occurrences with certainty and the threats to the species. Likely vulnerable worldwide. M. Trappe says "Elaphomyces under revision, PNW populations may be undescribed species".

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

Comments: Found in Italy, France, Sweden, Quebec, New York, Tennessee, North Carolina, Iowa, Oregon, Texas and Virginia. Many of these occurrences however are old and current status unknown.

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** BC = 6 - 80

Comments: At least 20-25 occurrences worldwide.

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

Comments: Low end of this range, but there may be more occurrences in Europe. However it is also on the red list for some European countries.

**Good Viability:** B = Very few (1-3) occurrences with excellent or good viability or ecological integrity

Comments: Only one occurrence in a protected area: Ledges State Park.

**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 survey, Weber said: "The fact that this species appears not to have been collected since about 1954 in England indicates that more than the demographics of mycologists is at work here and that species is vulnerable over at least part of its range. With so few known sites for the species in North America, its survival may hinge on what changes occur in those habitats."

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** G3

**Rank Author:** Caitlin Lawrence

**Rank Reviewer:** Matt Trappe

**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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