

Conservation Status Assessment

Scientific Name: *Destuntzia fusca*

Classification: Fungus

Assessment area: Global

Heritage Rank: **G2G3**

Rank Date: 3/9/2017

Assigned Rank Comments: None.

Rank Adjustment Notes: Low end of all the categories, ranked as G2G3. Only 6 occurrences in 2 states from the 1970s and 80s.

Range Extent: G = 200,000-2,500,000 sq km (~80,000-1,000,000 sq mi)

Comments: Around 226,000 sq. km. Known from Oregon and California.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: Around 6 occurrences.

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

Comments: 6 occurrences occupying 6 grid cells.

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

Comments: occurrence in Van Damme State Park Pygmie Forest

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 Weber said: "Most truffles are thought to be mycorrhizal, depended on photosynthetic vascular plants for energy sources and other compounds; events and activities that reduce the vigor or eliminate the vascular plant partner(s) will have a negative impact on these fungi. Furthermore the spores of many/most truffles are dispersed by small mammals, arthropods, snails, slugs, etc. so again activities that impact these organisms will impact the fungi. Logging and development are the principal threats." One of the occurrences is in a State forest, others could be at risk from logging and other development.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: G3

Rank Author: Caitlin Lawrence

Rank Reviewer: Matt Trappe; Lindsey Wise

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>

Oregon Biodiversity Information Center, Institute for Natural Resources

Oregon State University and Portland State University

Mail Stop: INR, P.O. Box 751

Portland, OR 97207-0751

(503)-725-9950

<http://inr.oregonstate.edu/orbic>

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