

## Conservation Status Assessment

**Scientific Name:** *Destuntzia fusca*

**Classification:** Fungus

**Assessment area:** California

**Heritage Rank:** **S2**

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

Rank Reasons: Four occurrences in California across a wide range in the state, with one occurrence in a protected area.

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

Comments: Around 100,000 sq. km range. Two occurrences in Mendocino county, one in Sierra county, one in Riverside county.

**Population Size:** Not assessed

Comments: None

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

Comments: Four occurrences in California.

**Area of Occupancy:** C = 3-5 4-km<sup>2</sup> grid cells

Comments: Four occurrences occupying 4 grid cells.

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

Comments: One occurrence in Van Damme 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:

Weber is 2002 assessment 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 occurrence of the 4 is in a protected area.

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** S2

**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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