

Conservation Status Assessment

Scientific Name: *Alpova olivaceotinctus*

Classification: Fungus

Assessment area: California

Heritage Rank: **S2**

Rank Date: 3/9/2017

Assigned Rank Reasons: Rare, none in protected areas, and no recent collections.

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

Comments: From Camacho 2002: "This fungus is known from 4 sites and 6 collections. It does not occur in the area of highest truffling and may be more abundant than currently known. Most collections are in the Northern California region except one disjunct collections in Southern California. However, no collections are found in the Sierra Nevada of Fresno County in an area that has been well truffled." No new occurrences since that assessment.

Population Size: Not assessed

Comments: None

Number of Occurrences: A = 1 - 5

Comments: About 5 occurrences known.

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

Comments: A few collections from different times from the Bullards Bar Recreation Area.

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

Comments: None of the occurrences are found 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 Camacho 2002: 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 is the spore bank. However, nothing is known about the spore bank of this species.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S2

Rank Author: Caitlin Lawrence

Rank Reviewer: Matt Trappe

References:

Camacho, Francisco J. 2002. Heritage rank status factors. Assessment for Survey and Manage Project, on-line: http://orbic.pdx.edu/documents/survey/alpova_olivaceotinctus_global.pdf

Castellano, Michael, Jane E. Smith, Thom O'Dell, Eflen Cazares, and Susan Nugent. 1999. Handbook to strategy 1 fungal taxa from the Northwest Forest Plan. Gen. Tech. Rep. PNW-GTR-476. U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Research Station, Portland, OR. 195 pp.

Definitions and Resources:

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| 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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