

Heritage Ranking Form - State Rank

Scientific Name: Arcangeliella lactarioides

Common Name: Fungus

Classification: Fungus

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

Comments: About 961 square miles which includes both known occurrences.

Area of Occupancy: B = 2 4-km² grid cells

Comments: 2 sites; 2 grid cells

Number of Occurrences: A = 1 - 5

Comments: 2 sites

Population Size: U = Unknown

Comments: None

Good Viability: U = Unknown

Comments: None

Environmental Specificity: B = Narrow. Specialist or community with key requirements common

Comments: Mycorrhizal species associated with Pinaceae spp., especially *Abies magnifica* and *Pinus ponderosa* (Castellano et al. 1999)

Short Term Trends: U = Unknown

Comments: None

Long Term Trends: U = Unknown

Comments: None

Threat Impact: C = Medium

Comments: Species is a mycorrhizal species associated with various Pinaceae spp., which are harvested for timber products.

**Intrinsic
Vulnerability:** Not Evaluated

Comments: None

Heritage Rank: S1

Comments: Only known from 2 sites on lands managed for timber harvest; Camacho (2002) believes this species is undercollected because it is found in areas not usually examined for truffles. If more sites found, then rank should be re-evaluated.

Rank Notes: None

Reference: Camacho, Francisco J. 2002. Heritage rank status factors. Assessment for Survey and Manage Project, on-line: http://orbic.pdx.edu/documents/survey/arcangeliella_lactarioides_global.pdf | Castellano, Michael, Jane E. Smith, Thom O'Dell, Efren 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.

Rank Date: 6/1/2010

Rank Author: Vrilakas, Sue

Oregon Biodiversity Information Center
Institute for Natural Resources
Portland State University
Mail Stop: INR, PO Box 751
Portland, OR 97201-0751
503-725-9950
www.orbic.pdx.edu