

Heritage Ranking Form - Global Rank

Scientific Name: Amogaster viridigleba

Common Name: Fungus

Classification: Fungus

Range Extent: EF = 5000-200,000 sq km (~2000-80,000 sq miles)

Comments: 7328 square miles, estimated, Douglas County to Sierra County, CA

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: Ectomycorrhizal originally postulated associate with Populus spp. but Oregon site under Pseudotsuga menziesii -- no mention of Populus spp. (Castellano 1995).

Short Term Trends: U = Unknown

Comments: None

Long Term Trends: U = Unknown

Comments: None

Threat Impact: C = Medium

Comments: Assumed that whatever harms host will negatively impact fungi. In Oregon sites appears associated with *Pseudotsuga menziesii* which is heavily targeted for timber harvest. In California appears associated with *Populus* which is not as commercially viable.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Heritage Rank: G1

Comments: Only known from 2 sites, one in Oregon and one in California. Host possibly *Populus* spp., which is not targeted commercially, or *Pseudotsuga menziesii*, which is highly sought timber product.

Rank Notes: None

Reference: Castellano, Michael A. 1995. Nats truffle and truffle-like fungi 4: *Amogaster viridigleba* gen. et. sp. nov., a new truffle-like fungus from the Sierra Nevada. *Mycotaxon* 55: 185-188

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