

# Heritage Ranking Form - Global Rank

**Scientific Name:** *Genea compacta*

**Common Name:** Fungus

**Classification:** Fungus

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

Comments: 1846 square miles. Oregon and California. OR: Polk and Yamhill counties. CA: Marin: Mt. Tamalpais; San Mateo: Burlingame (Smith et al. 2006).

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

Comments: 5 grid cells counted.

**Number of Occurrences:** AB = 1 - 20

Comments: 5 known 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 but host unknown (Trappe et al. 2009). Reported growing under *Pseudotsuga menziesii* and *Quercus garryana*

**Short Term Trends:** U = Unknown

Comments: None

**Long Term Trends:** U = Unknown

Comments: None

**Threat Impact:** C = Medium

Comments: Valley oak habitat in Oregon somewhat threatened and Douglas fir trees commercially harvested.

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Heritage Rank:** G2

Comments: Fairly wide range, threats considered moderate, noted as "rare" in Parks (1921) article. Also noted as rare by Trappe et al. (2009)

Rank Notes: None

Reference: Trappe, J.M., R. Molina, D.L. Luoma, E. Cazares, D. Pilz, J.E. Smith, M.A Castellano, S.L. Miller, and M.J. Trappe. 2009. Diversity, ecology and conservation of truffle fungi in forests of the Pacific Northwest. USDA Forest Service PNW Research Sta. General Technical Report PNW-GTR-772. 196 pp. | Smith, M.E., J.M. Trappe, and D.M. Rizzo. 2006. *Genea*, *Genabea* and *Gilkeya* gen. nov.; ascomata and ectomycorrhiza formation in a *Quercus* woodland. *Mycologia* 98(5): 699-716. | Parks, Harold E. 1921. California hypogaeous fungi -- tuberaceae. *Mycologia* 13(6): 301-314

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