

Oregon Status Factors

Elcode NFSM000146

Gname RAMARIA COULTERAE

Gcomname

Number of Occurrences

B = 6 - 20

Comments Known from 9 locations in east slope Cascade Range and eastward in OR.

Number of Occurrences with Good Viability

C = Few (4-12) occurrences with good viability

Comments This is a mycorrhizal species associated with Pinaceae susceptible to logging activities. There are 6 protected sites in OR.

Population Size

A = 1-50 individuals

Comments

Range Extent

F = 20,000-200,000 km² (about 8,000-80,000 square miles)

Comments Known from east slope Cascade Range and eastward in OR.

Area of Occupancy

A = <0.4 km² (less than about 100 acres)

LA = <4 km (less than about 2.5 miles)

Comments

Long-term Trend in Population Size, Extent of Occurrence, Area of Occupancy, and/or Number or Condition of Occurrences

U = Unknown. Long-term trend in population, range, area occupied, or number or condition of occurrences unknown

Comments

Short-term Trend in Population Size, Extent of Occurrence, Area of Occupancy, and/or Number or Condition of Occurrences

U = Unknown. Short-term trend in population, range, area occupied, and number and condition of occurrences unknown.

Comments

Threats

C = Substantial, non-imminent threat. Threat is moderate to severe but not imminent (> 10 years) for most of the population, occurrences, or area.

Scope High Severity High Immediacy Unknown

Comments

Number of Appropriately Protected and Managed Occurrences

U = Unknown whether any occurrences are appropriately protected and managed

Comments This is a mycorrhizal species associated to Pinaceae susceptible to logging activities. There are 6 protected sites in OR.

Intrinsic Vulnerability

A = Highly Vulnerable. Species is slow to mature, reproduces infrequently, and/or has low fecundity such that populations are very slow (> 20 years or 5 generations) to recover from decreases in abundance; or species has low dispersal capability such that extirpated populations are unlikely to become reestablished through natural recolonization (unaided by humans). Ecological community occurrences are highly susceptible to changes in composition and structure that rarely if ever are reversed through natural processes even over substantial time periods (> 100 years).

Comments This is a mycorrhizal species associated to late successional forests.

Environmental Specificity

B = Narrow. Specialist or community with key requirements common.

Comments Mycorrhizal species

Other Considerations

ORNHIC List 3

Edition 11/6/2002 **Edauthor** Efren Cazares

Grank S2? **Grank Date** 11/6/2002

Reasons

Only known from 9 locations which 6 are protected. I still think that this is an uncommon species in Oregon and susceptible to logging activities. More studies are needed to determine its rarity or abundance in the PNW.

BCD Sources

Castellano, M.A., E. Cazares, B. Fondrick and T. Dreisbach. 2002. Handbook to additional fungal species of special concern in the Northwest Forest Plan. Gen. Tech. Rep. PNW-GTR-xxx. Portland, OR; U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. xxx p. (In press)

New Sources