Washington Status Factors

Elcode  NFSM000158
Gname  RAMARIA RUBRIPERMANENS
Gcomname

Number of Occurrences
A = 1 - 5
Comments  There are 3 records from WA

Number of Occurrences with Good Viability
B = Very few (1-3) occurrences with good viability
Comments  There are 2 occurrences in protected sites. Unknown forest management activities in the rest of the sites. This is a mycorrhizal species that depends on late successional forests in the PNW

Population Size
A = 1-50 individuals
Comments

Range Extent
F = 20,000-200,000 km² (about 8,000-80,000 square miles)
Comments  Range is in the Cascades, WA. However, there are only 3 records.

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

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<thead>
<tr>
<th>Scope</th>
<th>Severity</th>
<th>Immediacy</th>
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<tbody>
<tr>
<td>High</td>
<td>High</td>
<td>Unknown</td>
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**Number of Appropriately Protected and Managed Occurrences**
B = Few (1-3) occurrences appropriately protected and managed

**Comments**
There are 2 occurrences in protected sites. Unknown forest management activities in the rest of the sites. This is a mycorrhizal species that depends on late successional forests in the PNW.

**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 that depends on late successional forests. Susceptible to logging activities.

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

**Comments**
Mycorrhizal species

**Other Considerations**

**Edition** 11/10/2002  **Edauthor** Efren Cazares

**Grank** S1S3  **Grank Date** 11/10/2002

**Greasons**
There are 2 out of 3 occurrences in protected sites. This mycorrhizal species is endemic to PNW forests and susceptible to logging activities. More studies are needed to determine its rarity or abundance in WA. Then, its ranking should be reconsidered.

**BCD Sources**

**New Sources**