Heritage Rank Status Factors

Elcode  NFSM000138
Gname  RAMARIA ARAIOSPORA
Gcomname

Number of Occurrences
D  =  81 - 300
Comments  There are at least 93 occurrences in the Pacific Northwest forests.

Number of Occurrences with Good Viability
D  = Some (13-40) occurrences with good viability
Comments  There are 36 occurrences in protected areas in the Pacific Northwest.

Population Size
A  = 1-50 individuals
Comments

Range Extent
F  = 20,000-200,000 km2 (about 8,000-80,000 square miles)
Comments  Endemic to the Pacific Northwest. Known from 93 locations.

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.

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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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**Comments**

Immediacy will depend on the forest management for each location. Therefore unknown at this time.

**Number of Appropriately Protected and Managed Occurrences**

D = Many (13-40) occurrences appropriately protected and managed

**Comments**

There are 36 occurrences in protected areas in the Pacific Northwest.

**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 species is strictly associated to its hosts (mycorrhizal). Tree removal and compaction (Logging activities) will depauperate the populations.

**Environmental Specificity**

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

**Comments**

Mycorrhizal species

**Other Considerations**

NRANK - N4

**Edition** 11/5/2002  **Edauthor** Efren Cazares

Grank G4  **Grank Date** 11/5/2002

**Greasons**

Endemic but common species to the Pacific Northwest forests. Population viability is apparently secure.

**BCD Sources**


**New Sources**