Heritage Rank Status Factors

Elcode  NFSM000173
Gname  RHIZOPOGON INQUINATUS

Number of Occurrences
A  = 1 - 5
Comments  4 collections.

Number of Occurrences with Good Viability
A  = No (A- or B- ranked) occurrences with good viability
B  = Very few (1-3) occurrences with good viability
Comments

Population Size
A  = 1-50 individuals
Comments

Range Extent
B  = 100-250 km2 (about 40-100 square miles)
Comments  Only known from a small area of the central Oregon Cascades in the range of the spotted owl, but reported from Idaho.

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**

E  = Localized substantial threat. Threat is moderate to severe for a small but significant proportion of the population, occurrences, or area. Ecological community occurrences are directly impacted over a small area, or in a small portion of their range, but threats require a long-term recovery.

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<tr>
<th>Scope</th>
<th>Severity</th>
<th>Immediacy</th>
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<tr>
<td>Low</td>
<td>Moderate</td>
<td>Moderate</td>
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**Comments**

This is a mycorrizhal species; it is dependent on a host tree for its carbohydrates. Studies have shown that if the tree is killed the mycorrizhal fungi die shortly after. The one possibly saving feature of this species is the spore bank. However, nothing is known about the spore bank of this species.

**Number of Appropriately Protected and Managed Occurrences**

B  = Few (1-3) occurrences appropriately protected and managed

**Comments**

**Intrinsic Vulnerability**

U  = Unknown

**Comments**

**Environmental Specificity**

A  = Very Narrow. Specialist or community with key requirements scarce.

**Comments**

**Other Considerations**

Nrank - N2N4

**Edition**  11/17/2002  **Edauthor**  Francisco J. Camacho

**Grank**  G2G4  **Grank Date**  1/15/2003

**Greasons**

Only known from a small area of the central Oregon Cascades in the range of the spotted owl, but reported from Idaho and may be found further east. Only known from a few sites and four collections. In Oregon it is only known from 2 sites. It occurs in the Willamette National Forest, an area that has been well characterized for truffles. If it has only been found here twice it is rare here. I'm not sure how common it is in Idaho.

**BCD Sources**

**New Sources**