Oregon Status Factors

Elcode  
NFSM000166

Gname  
RHIZOPOGON ATROVIOLACEUS

Gcomname

Number of Occurrences
B  = 6 - 20
Comments  
7 collections.

Number of Occurrences with Good Viability
B  = Very few (1-3) occurrences with good viability
Comments

Population Size
A  = 1-50 individuals
Comments

Range Extent
D  = 1,000-5,000 km² (about 400-2,000 square miles)
Comments  
Endemic to Oregon. Found in the cascades From Clackamas Co. to Crater Lake.

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**

B  = Moderate and imminent threat. Threat is moderate to severe and imminent for a significant proportion (20-60%) of the population, occurrences, or area. Ecological community occurrences are directly impacted over a moderate area, either causing irreversible damage or requiring a long-term recovery.

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<th>Scope</th>
<th>Severity</th>
<th>Immediacy</th>
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<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 it 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**

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

**Comments**

found at Higer elevations in the Oregon Cascades.

**Other Considerations**

ORNHIC - List 3 (Review List)

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

**Grank**  S2S3  **Grank Date**  11/17/2002

**Greasons**

Although it is not very common (7 collections), the area it grows in have not been heavily examined for truffle like fungi. It probably is more common than we know.

**BCD Sources**

**New Sources**