Heritage Rank Status Factors

Elcode    NFSM000170
Gname     RHIZOPOGON EVADENS VAR. SUBALPINUS
Gcomname

Number of Occurrences
C = 21-80
Comments  Several collections.

Number of Occurrences with Good Viability
C = Few (4-12) occurrences with good viability
D = Some (13-40) occurrences with good viability
Comments

Population Size
A = 1-50 individuals
B = 50-250 individuals
Comments

Range Extent
E = 5,000-20,000 km² (about 2,000-8,000 square miles)
Comments  Known throughout the Washington and Oregon Cascades and the Siskiyou Mountains of California.

Area of Occupancy
A = <0.4 km² (less than about 100 acres)
B = 0.4-4 km² (about 100-1,000 acres)
LA = <4 km (less than about 2.5 miles)
LB = 4-40 km (about 2.5-25 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.
**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.

<table>
<thead>
<tr>
<th>Scope</th>
<th>Low</th>
<th>Severity</th>
<th>Moderate</th>
<th>Immediacy</th>
<th>Moderate</th>
</tr>
</thead>
</table>

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**

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

Comments

**Intrinsic Vulnerability**

U = Unknown

Comments

**Environmental Specificity**

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

Comments

**Other Considerations**

National Rank - N3N4

Edauthor Francisco J. Camacho

Grank G3G4  
Grank Date 11/17/2002

**Greasons**

Known throughout the Washington and Oregon Cascades and the Siskiyou Mountains of California. Known from 18 sites. Although this species does not occur in a very well-collected area, there are many collections.

**BCD Sources**

**New Sources**