

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.

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.

Scope Low Severity Moderate Immediacy Moderate

Comments This is a mycorrhizal species; it is dependent on a host tree for its carbohydrates. Studies have shown that if the tree is killed the mycorrhizal 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

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Grank G3G4 **Grank Date** 11/17/2002

Reasons

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

Smith, A.H., S.M. Zeller. 1966. A preliminary account of the North American Species of Rhizopogon. Mem. New York Bot. Gard. 14:1-177