

Washington Status Factors

Elcode NFSM000028
Gname CLAVARIADELPHUS SACHALINENSIS
Gcomname

Number of Occurrences

B = 6 - 20

Comments There are 6 occurrences in WA.

Number of Occurrences with Good Viability

B = Very few (1-3) occurrences with good viability

Comments There are 2 occurrences in protected sites.

Population Size

B = 50-250 individuals

Comments

Range Extent

H = > 2,500,000 km² (greater than 1,000,000 square miles)

Comments This species is widespread in Asia, Europe and northern North America. However, there are only 6 records for WA.

Area of Occupancy

B = 0.4-4 km² (about 100-1,000 acres)

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

C = Substantial, non-imminent threat. Threat is moderate to severe but not imminent (> 10 years) for most of the population, occurrences, or area.

Scope High

Severity High

Immediacy Unknown

Comments This is a mycorrhizal species associated with coniferous forests.

Number of Appropriately Protected and Managed Occurrences

U = Unknown whether any occurrences are appropriately protected and managed

Comments There are 2 occurrences in protected sites.

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 is a mycorrhizal species susceptible to logging activities.

Environmental Specificity

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

Comments Mycorrhizal species associated to coniferous forests

Other Considerations

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Greasons

This is a common species with a broad range worldwide. However, there are only 6 records for Washington. 2 out of the 6 occurrences are in protected sites. More studies are needed to determine its rarity or abundance in WA. Its rank should then be re-evaluated.

BCD Sources

Castellano, M.A., E. Cazares, B. Fondrick and T. Dreisbach. 2002. Handbook to additional fungal species of special concern in the Northwest Forest Plan. Gen. Tech. Rep. PNW-GTR-xxx. Portland, OR; U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. xxx p. (In press)& Methven, A.S. 1990. The genus *Clavariadelphus* in North America. *Bibliotheca Mycologica*. J. Cramer. pp 192.

New Sources