

# Washington Status Factors

**Elcode** NFSM000031

**Gname** CLAVULINA CASTANEOPEDES VAR LIGNICOLA

**Gcomname**

## Number of Occurrences

B = 6 - 20

**Comments** There are 7 records within its range in WA.

## Number of Occurrences with Good Viability

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

**Comments** There is 1 occurrence in a protected site.

## Population Size

U = Unknown

**Comments** This is a species that grows on duff. I have seen it fruiting pretty abundantly in one location in OR but it is hard to know how big the individuals or populations are.

## Range Extent

F = 20,000-200,000 km<sup>2</sup> (about 8,000-80,000 square miles)

**Comments** Known from 7 locations in western WA.

## Area of Occupancy

A = <0.4 km<sup>2</sup> (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

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 species is associated with late successional forests and is susceptible to soil compaction.

## Number of Appropriately Protected and Managed Occurrences

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

**Comments** There is 1 occurrence in a protected site (Mt. Rainier National park)

## Intrinsic Vulnerability

B = Moderately Vulnerable. Species exhibits moderate age of maturity, frequency of reproduction, and/or fecundity such that populations generally tend to recover from decreases in abundance over a period of several years (on the order of 5-20 years or 2-5 generations); or species has moderate dispersal capability such that extirpated populations generally become reestablished through natural recolonization (unaided by humans). Ecological community occurrences may be susceptible to changes in composition and structure but tend to recover through natural processes given reasonable time (10-100 years).

**Comments** This species is associated with late successional forests and is susceptible to soil compaction.

## Environmental Specificity

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

**Comments**

## Other Considerations

**Edition** 11/11/2002      **Edauthor** Efren Cazares

**Grank** S2?      **Grank Date** 11/11/2002

## Greasons

This variety is uncommon in WA. 1 out of 7 occurrences are in protected sites. Suceptible to logging activities such as soil compaction. More studies are needed to determine its rarity or abundance in WA. Its ranking 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) & Petersen, R.H. 1964. Notes on clavarioid fungi I. The Clavulina castaneopes complex. Mycologia 56:20-28.

## New Sources