

# Washington Status Factors

**Elcode** NFSM000190  
**Gname** TYLOPILUS PORPHYROSPORUS  
**Gcomname**

## Number of Occurrences

B = 6 - 20

Comments

## Number of Occurrences with Good Viability

C = Few (4-12) occurrences with good viability

Comments

## Population Size

A = 1-50 individuals

B = 50-250 individuals

Comments

## Range Extent

E = 5,000-20,000 km<sup>2</sup> (about 2,000-8,000 square miles)

Comments This species occurs in the Olympics and the Cascades.

## Area of Occupancy

B = 0.4-4 km<sup>2</sup> (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

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

C = Several (4-12) occurrences appropriately protected and managed

**Comments**

## Intrinsic Vulnerability

U = Unknown

**Comments**

## Environmental Specificity

C = Moderate. Generalist or community with some key requirements scarce.

**Comments** Moderate, because of the broad range.

## Other Considerations

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

**Grank** S4      **Grank Date** 11/17/2002

## Reasons

This species occurs in the Olympics and the Cascades. It is widespread and common.

## BCD Sources

## New Sources

A.H. Smith and Thiers. 1971 Boletes of Michigan.