

# Washington Status Factors

**Elcode** NFSM000016  
**Gname** BOLETUS PULCHERRIMUS  
**Gcomname**

## Number of Occurrences

B = 6 - 20

**Comments** Known from 2 sites in Washington.

## Number of Occurrences with Good Viability

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

**Comments** Because this species has been found at the same site several times.

## Population Size

A = 1-50 individuals

**Comments**

## Range Extent

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

**Comments** This species is found on the west side of the Cascades.

## 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

B = Moderate and imminent threat. Threat is moderate to severe and imminent for a significant proportion (20-60%) of the population, occurrences, or area. Ecological community occurrences are directly impacted over a moderate area, either causing irreversible damage or requiring a long-term recovery.

Scope Moderate 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

B = Few (1-3) 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

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

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

## Greasons

Known from 2 sites in Washington. This is a large mushroom. Not easily overlooked by mushroomers. However, it is not easy to identify. There are several look-a-likes.

## BCD Sources

## New Sources

Smith, A.H., H.D. Thiers. 1971. The Boletes of Michigan. University of Michigan Press, Ann Arbor. 428 p.  
Thiers, H.D. 1975. California Mushrooms: a field guide to the Boletes. Hafner Press, London. 261 p.