

# Washington Status Factors

**Elcode** NFSM000015  
**Gname** BOLETUS HAEMATINUS  
**Gcomname**

## Number of Occurrences

A = 1 - 5

**Comments** Only known from one site.

## Number of Occurrences with Good Viability

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

**Comments**

## Population Size

A = 1-50 individuals

**Comments**

## Range Extent

A = <100 km<sup>2</sup> (less than about 40 square miles)

**Comments** Only known from one site

## 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

U = Unknown whether any occurrences are appropriately protected and managed

**Comments**

## Intrinsic Vulnerability

U = Unknown

**Comments**

## Environmental Specificity

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

**Comments** It appears to be associated with *Abies* spp.

## Other Considerations

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

**Grank** S1 **Grank Date** 11/11/2002

## Greasons

This is a large mushroom, not easily overlooked by mushroomers. However, it is not easy to identify. There are several look-a-likes. Because it has only been found once in Washington, it is probably rare.

## BCD Sources

## New Sources

Thiers, H.D., R.E. Halling. 1976. California boletes V. Two new species of *Boletus*. *Mycologia* 68:976-983