California Status Factors

Elcode  NFSM000015
Gname  BOLETUS HAEMATINUS
Gcomname

**Number of Occurrences**

B  = 6 - 20
Comments  Just over a dozen known sites.

**Number of Occurrences with Good Viability**

B  = Very few (1-3) occurrences with good viability
C  = Few (4-12) occurrences with good viability
Comments

**Population Size**

A  = 1-50 individuals
Comments

**Range Extent**

E  = 5,000-20,000 km\(^2\) (about 2,000-8,000 square miles)
Comments  Known from the Sierra Mountains.

**Area of Occupancy**

B  = 0.4-4 km\(^2\) (about 100-1,000 acres)
C  = 4-20 km\(^2\) (about 1,000-5,000 acres)
LB  = 4-40 km (about 2.5-25 miles)
LC  = 40-200 km (about 25-125 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.

<table>
<thead>
<tr>
<th>Scope</th>
<th>Severity</th>
<th>Immediacy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moderate</td>
<td>Moderate</td>
<td>Moderate</td>
</tr>
</tbody>
</table>

**Comments**  
This is a mycorrizhal species; it is dependent on a host tree for its carbohydrates. Studies have shown that if the tree is killed the mycorrizhal 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

**Intrinsic Vulnerability**  
U = Unknown

**Environmental Specificity**  
B = Narrow. Specialist or community with key requirements common.

**Other Considerations**

Review List?

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

**Grank**  
S2?  
**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.

**BCD Sources**

**New Sources**