

# California Status Factors

**Elcode** NFSM000071  
**Gname** GASTROBOLETUS TURBINATUS  
**Gcomname**

## Number of Occurrences

**Comments** Frequently collected in the California Siskiyou, Cascades, and Sierra's.

## Number of Occurrences with Good Viability

D = Some (13-40) occurrences with good viability

**Comments**

## Population Size

B = 50-250 individuals

**Comments**

## Range Extent

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

**Comments** Frequently collected in the California Siskiyou, Cascades, and Sierra's.

## 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

F = Widespread, low-severity threat. Threat is of low severity but affects (or would affect) most or a significant portion of the population, occurrences, or area. Ecological community occurrences are not threatened severely, with changes reversible and recovery moderately rapid.

Scope Moderate Severity Low Immediacy Low

**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

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

**Comments**

## Other Considerations

**Edition** 11/12/2002 **Edauthor** Francisco J. Camacho

**Grank** S4 **Grank Date** 11/12/2002

## Reasons

Frequently collected in the California Siskiyou, Cascades, and Sierra's. This is a widespread and frequently collected species.

## BCD Sources

## New Sources

Snell, 1936. Mycologia 28:20 Smith and Singer. 1959. Brittonia 11:208