

Heritage Rank Status Factors

Elcode NFSM000071
Gname GASTROBOLETUS TURBINATUS
Gcomname

Number of Occurrences

D = 81 - 300
E = >300

Comments Frequently collected in the Northwest and California.

Number of Occurrences with Good Viability

E = Many (41-125) occurrences with good viability
F = Very many (>125) occurrences with good viability

Comments

Population Size

B = 50-250 individuals
C = 250-1,000 individuals

Comments

Range Extent

G = 200,000-2,500,000 km² (about 80,000-1,000,000 square miles)
H = > 2,500,000 km² (greater than 1,000,000 square miles)

Comments From Missouri west to Idaho, Washington, Oregon, California and south to Mexico.

Area of Occupancy

D = 20-100 km² (about 5,000-25,000 acres)
E = 100-500 km² (about 25,000-125,000 acres)

LD = 200-1,000 km (about 125-620 miles)
LE = 1,000-5,000 km (about 620-3,000 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

NRANK - N4

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Grank G4 **Grank Date** 11/12/2002

Reasons

Known from Missouri west to Idaho, Washington, Oregon, California and south to Mexico. This is a widespread and frequently collected species.

BCD Sources

New Sources

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