

Heritage Rank Status Factors

Elcode NFSM000106

Gname MYCENA QUINAULTENSIS

Gcomname

Number of Occurrences

C = 21- 80

Comments

Number of Occurrences with Good Viability

U = Unknown what number of occurrences with good viability

Comments

Population Size

A = 1-50 individuals

Comments

Range Extent

D = 1,000-5,000 km² (about 400-2,000 square miles)

Comments Endemic to western North America, mostly west of the Cascade Range.

Area of Occupancy

A = <0.4 km² (less than about 100 acres)

B = 0.4-4 km² (about 100-1,000 acres)

LA = <4 km (less than about 2.5 miles)

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

D = Moderate Decline (decline of 25-50%)

Comments

Short-term Trend in Population Size, Extent of Occurrence, Area of Occupancy, and/or Number or Condition of Occurrences

D = Declining. Decline of 10-30% in population, range, area occupied, and/or number or condition of occurrences

Comments

Threats

E = Localized substantial threat. Threat is moderate to severe for a small but significant proportion of the population, occurrences, or area. Ecological community occurrences are directly impacted over a small area, or in a small portion of their range, but threats require a long-term recovery.

Scope Low

Severity Moderate

Immediacy Low

Comments

Number of Appropriately Protected and Managed Occurrences

B = Few (1-3) occurrences appropriately protected and managed

Comments

Intrinsic Vulnerability

B = Moderately Vulnerable. Species exhibits moderate age of maturity, frequency of reproduction, and/or fecundity such that populations generally tend to recover from decreases in abundance over a period of several years (on the order of 5-20 years or 2-5 generations); or species has moderate dispersal capability such that extirpated populations generally become reestablished through natural recolonization (unaided by humans). Ecological community occurrences may be susceptible to changes in composition and structure but tend to recover through natural processes given reasonable time (10-100 years).

Comments

Environmental Specificity

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

Comments

Other Considerations

NRANK - N3. *Mycena quinaultensis* Kauff. apud A. H. Sm.

Edition 11/26/2002 **Edauthor** Michelle Seidl

Grank G3 **Grank Date** 11/23/2002

Reasons

Endemic to western North America, mostly west of the Cascade Range. This taxon is poorly known and rare. However, it can be locally common near the type locality at Lake Quinault, Washington. It has a narrow range extent.

BCD Sources

ISMS database
Survey and Manage Excel spreadsheet

New Sources

Michelle Seidl pers. obs.

J. Ammirati pers. comm.

Castellano, M. A., Jane E. Smith, Thom O'Dell, Efren Cazares and Susan Nugent. 1999. Handbook to Strategy 1 Fungal Species in the Northwest Forest Plan. PNW-GTR-476. October.

Geesteranus, R. A. Maas. 1992. *Mycenas of the Northern Hemisphere*. North-Holland: Amsterdam.

