

Oregon Status Factors

Elcode NFSM000041
Gname CORTINARIUS MAGNIVELATUS
Gcomname

Number of Occurrences

A = 1 - 5

Comments Known from the southern or east slope of the Cascades, east of Roseburg and south to the California border, at and above 1500 meters elevation. Also known from one collection in the Umatilla National Forest in the Blue Mountains.

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

A = <100 km² (less than about 40 square miles)

Comments Known from the southern or east slope of the Cascades, east of Roseburg and south to the California border, at and above 1500 meters elevation. Also known from one collection in the Umatilla National Forest in the Blue Mountains.

Area of Occupancy

A = <0.4 km² (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

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

E = Relatively Stable ($\pm 25\%$ change)

Comments Due to logging pressures in the high elevation forests of western North America, many lands are unprotected where this taxon is known to occur.

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

E = Stable. Population, range, area occupied, and/or number or condition of occurrences unchanged or remaining within $\pm 10\%$ fluctuation

Comments

Threats

D = Moderate, non-imminent threat. Threat is moderate to severe but not imminent for a significant portion of the population, occurrences, or area.

Scope Moderate Severity Moderate Immediacy Low

Comments The immediacy is between low and moderate.

Number of Appropriately Protected and Managed Occurrences

A = None. No 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

A = Very Narrow. Specialist or community with key requirements scarce.

Comments Habitat is currently montane coniferous forests and the Great Basin.

Other Considerations

ORNHIC - List 3. *Cortinarius magnivelatus* (Morse) Thiers & A. H. Sm. = *C. magnivelatus* Dearness ex Fogel

Edition 11/23/2002 **Edauthor** Michelle Seidl

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Reasons

In Oregon, this taxon has a narrow range extent in montane coniferous forests. Known from the southern Cascades, and the Blue Mountains. Only a few sites are known from permanently protected areas.

BCD Sources

ISMS database
Survey and Manage Excel spreadsheet

New Sources

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.

Michelle Seidl pers. obs.

J. Ammirati pers. comm.

Collections housed at WTU herbarium