### Conservation Status Assessment

**Scientific Name:** Cortinarius umidicola  
**Classification:** Fungus  
**Assessment area:** Global  

**Heritage Rank:** G2?  
**Rank Date:** 3/9/2017

Rank Reasons: There are around 20 or so occurrences across North America, however the current status of many of them is unknown. Harrower & al. (2011) note that application of European names (here previously C. canabarba) to western North American material is ill advised. (Harrower, Emma; Ammirati, Joseph F.; Cappuccino, Adam A.; Ceska, Oldriska; Kranabetter, J.M.; Kroeger, Paul; Lim, SeaRa; Taylor, Terry; Berbee, Mary L. 2011. Cortinarius species diversity in British Columbia and molecular phylogenetic comparison with European specimen sequences Botany 89: 799–810.)

**Range Extent:** 

\[ G = 200,000-2,500,000 \text{ sq km (} \sim 80,000-1,000,000 \text{ sq mi)} \]

Comments: Found in North America, not sure if it is in Europe.

**Population Size:** Not assessed  
Comments: None

**Number of Occurrences:** C = 21 - 80  
Comments: At least 20 occurrences. Many are older occurrences and the current status of them in unknown.

**Area of Occupancy:** DE = 6-125 4-km² grid cells  
Comments: At least 20 occurrences in 20 grid cells, but possibly more.

**Good Viability:** B = Very few (1-3) occurrences with excellent or good viability or ecological integrity  
Comments: At least two occurrences in protected areas: Temagami Forest Reserve, Mount Rainier National Park

**Environmental Sensitivity:** Not Evaluated  
Comments: None

**Short Term Trends:** Not Evaluated  
Comments: None

**Long Term Trends:** Not Evaluated  
Comments: None
**Threat Impact:**

U = Unknown

**Comments:**
From 2002 assessment Norvell said “COUM3 is known from subalpine coniferous forests, where it is symbiotic with Picea englemanii and Abies lasiocarpa. The habitat is regarded as generally fragile and requires a long time to rebound from disturbances such as hot fires, road construction or other development, or logging activities. This implies that disturbed populations of Cortinarius umidicola with its mycorrhizal associates could well extirpate the species at that location. (Norvell 2002 pers. comm.). Dr Joe Ammirati and/or Dr Michelle Seidl of the U of Washington should be contacted for additional information on COUM3." The current status of many is unknown though, so assessing current threat status is difficult.

**Intrinsic Vulnerability:**

Not Evaluated

**Comments:** None

**Calculated Rank:** G2?

**Rank Author:** Caitlin Lawrence

**Rank Reviewer:** Lorelei Norvell

**References:**
No additional references listed.

**Definitions and Resources:**

<table>
<thead>
<tr>
<th>Rank Prefixes</th>
<th>Description</th>
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<tbody>
<tr>
<td>G</td>
<td>Global rank, applied to taxon's full geographic range</td>
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<tr>
<td>S</td>
<td>State rank, applied to taxon's range within the designated state</td>
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</table>

<table>
<thead>
<tr>
<th>Rank Values</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>Critically imperiled</td>
</tr>
<tr>
<td>2</td>
<td>Imperiled</td>
</tr>
<tr>
<td>3</td>
<td>Vulnerable</td>
</tr>
<tr>
<td>4</td>
<td>Apparently secure, uncommon but not rare</td>
</tr>
<tr>
<td>5</td>
<td>Secure, common, abundant, and widespread</td>
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Suggested citation:

More assessments available at http://inr.oregonstate.edu/orbic/rare-species/ranking-documentation

Element rank calculator resources at http://www.natureserve.org/conservation-tools/conservation-rank-calculator

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