**Conservation Status Assessment**

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

**Heritage Rank:** G3Q  
**Rank Date:** 3/9/2017

Rank Reasons: At least 60 occurrences.

Rank Adjustment Notes: The PNW C. 'cyanites' has not yet been checked molecularly against the European type collection. Cortinarius expert Dr. Joe Ammirati suspects that western North American collections might also represent C. violaceorubens [see Liimatainen & al. 2014] or (more probably) an as-yet undescribed species: Harrower & al. (2011) note that application of European names to western North American material (and vice versa) is ill advised. Although a taxonomic change might affect the global ranking, the regional rankings should remain the same. Cortinarius cyanites is cited on European red list (as a species of 'least concern') and noted as vulnerable in Great Britain, Poland & Switzerland. Also cited as in danger of extinction in Lorraine (France) (Larent-Dargent 2009). (Liimatainen, K.; Niskanen, T.; Dima, B.; Kytövuori, I.; Ammirati, J.F.; Frøslev, T.G. 2014. The largest type study of Agaricales species to date: bringing identification and nomenclature of Phlegmacium (Cortinarius) into the DNA era. Persoonia 33: 98–140. ; Harrower, Emma; Ammirati, Joseph F.; Cappuccino, Adam A.; Ceska, Oldriska; Kranabetter, J.M.; Kroege, 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. ; Laurent-Dargent, Jonathan. 2009. La Liste Rouge des Champignons (macromycètes) rares ou menacés de Lorraine. Thesis for Docteur de Pharmacie: Universite Henry Poincare - Nancy I. 120 pp.)

**Range Extent:**  
H = >2,500,000 sq km (> 1,000,000 sq mi)  
Comments: Ranges from Alaska to California, and to Massachusetts, Michigan, and Maine. Also known from Scotland and Italy.

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

**Number of Occurrences:**  
C = 21 - 80  
Comments: At least 60 occurrences worldwide. A fair number of new occurrences since the 2002 assessment.

**Area of Occupancy:**  
E = 26-125 4-km2 grid cells  
Comments: At least 60 occupied grid cells.

**Good Viability:**  
D = Some (13-40) occurrences with excellent or good viability or ecological integrity  
Comments: Around 15 occurrences are located in protected areas. Found in Denali National Park, Grand Teton National Park, Olympic National Park, Mount Rainier National Park, Yosemite National Park, Rock Island State Park, Navarro State Park, Baxter State Park, Tahquamenon Falls State Park

**Environmental Sensitivity:**  
Not Evaluated
Short Term Trends: Not Evaluated

Long Term Trends: Not Evaluated

Threat Impact: C = Medium

Intrinsic Vulnerability: Not Evaluated

Calculated Rank: G3

Rank Author: Caitlin Lawrence
Rank Reviewer: Lorelei Norvell

References: No additional references listed.

Definitions and Resources:

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Suggested citation:

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

Element rank calculator resources at [http://www.natureserve.org/conservation-tools/conservation-rank-calculator](http://www.natureserve.org/conservation-tools/conservation-rank-calculator)