

Conservation Status Assessment

Scientific Name: *Phaeocollybia lilacifolia*

Classification: Fungus

Assessment area: Global

Heritage Rank: **G2**

Rank Date: 3/9/2017

Assigned Rank Comments: None.

Rank Adjustment Notes: PHL114—*Phaeocollybia lilacifolia* A.H. Sm. (1957) was dropped from the list prior to 2002 based on my 1995 acceptance of Horak's assessment as a synonym of *fallax*; this evaluation discarded in Norvell 1998a,b. ITS & RPB2 tests of 34 collections support it as a good species with *P. ruffipes* Norvell 2002 a synonym. Endemic to Oregon, Washington, and California, with a total of 62 collections made from 19 sites. Subsequent research supports this uncommon to rare species worthy of reinstatement in the list. See Norvell & Exeter (2008: 99-106 & 169-174) and Norvell & al. 2010 for additional info. Multigene sequence analyses by Matheny & al. (2006) support *Phaeocollybia* in the Hymenogastraceae (not Cortinariaceae). (Matheny PG, Curtis JM, Hofstetter V, Aime MC, Moncalvo JM, Ge ZW, Yang ZL, Slot JC, Ammirati JF, Baroni TJ, Bougher NL, Hughes KW, Lodge DJ, Kerrigan RW, Seidl MT, Aanen DK, DeNitis M, Daniel GM, Desjardin DE, Kropp BR, Norvell LL, Parker A, Vellinga EC, Vilgalys R, Hibbett DS. 2006. Major clades of Agaricales: a multilocus phylogenetic overview. *Mycologia* 98: 982-995. ; Norvell, Lorelei L.; Exeter, Ronald L.; Gordon, Matthew; Redhead. 2010. Species concepts in a molecular age: the *Phaeocollybia waltz*. Abstract in IMC9: The biology of fungi; Oxford abstract on disc given to 1750 IMC9 delegates. [poster available online via Lorelei Norvell—Research Gate] ; Norvell, Lorelei L.; Exeter, Ronald L. 2009 (“2008”). *Phaeocollybia* of Pacific Northwest North America. USDI-BLM/OR/WA/GI-08/100-1792, Salem, Oregon 228 p. *Phaeocollybia* [available online via Lorelei Norvell—Research Gate] ;)

Range Extent: FG = 20,000-2,500,000 sq km (~8000-1,000,000 sq miles)

Comments: Endemic to Oregon, Washington, and California, with a total of 62 collections made from 19 sites.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: None

Area of Occupancy: D = 6-25 4-km² grid cells

Comments: 62 collections made from 19 sites.

Good Viability: Not Evaluated

Comments: None

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:

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: G2G3

Rank Author: Lorelei Norvell

Rank Reviewer: Lorelei Norvell

References:

Norvell, L.L. and R.L. Exeter. 2008. Phaeocollybia of Pacific Northwest North America. USDI BLM/OR/WA/GI-08/100-1792, Salem, OR. 228 pp.

Definitions and Resources:

Rank Prefixes

- G Global rank, applied to taxon's full geographic range
- S State rank, applied to taxon's range within the designated state

Rank Values

- 1 Critically imperiled
- 2 Imperiled
- 3 Vulnerable
- 4 Apparently secure, uncommon but not rare
- 5 Secure, common, abundant, and widespread

Suggested citation:

Oregon Biodiversity Information Center. 2017. Fungi Conservation Status Assessments. Institute for Natural Resources, Portland State University and Oregon State University. Portland, Oregon and Corvallis, Oregon.

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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