

Chromosera cyanophylla (Fr.) Redhead, Ammirati & Norvell

ROD name *Mycena lilacifolia*

Family Tricholomataceae **Morphological Habit** mushroom

Description: CAP 3-25 mm diam., plano-convex-depressed, pellucid-striate, viscid to lubricous, glabrous, shiny to dull, dull lavender overall when young and fresh, soon becoming pale yellow, yellow-brown, olive-tan or bright yellow with a paler margin, fading to pale yellow or almost white in age when exposed. **GILLS** arcuate decurrent, narrow, pale vinaceous to pale lilac. **STEM** 10-30 (-45) x 1.0-2.5 mm, central, equal or with a slightly swollen base, cartilaginous-fragile, fistulose, glabrous, yellow-brown with gray-red to vinaceous tones on the apex, base vinaceous to lilac, fading overall in age but retaining lilac basal mycelium. **ODOR AND TASTE** not distinct. **PILEIPELLIS** a thin, collapsed ixotrichodermium of thin-walled hyphae 3-5 μm diam., embedded in a gelatinous matrix; hyphae are covered with small, globose, yellow, refractive globules. **SUBPELLIS** poorly differentiated from the pileipellis. **BASIDIA** 20-25 (-29) x 4-6.5 μm , clavate, 4 spored. **CYSTIDIA** absent. **CLAMP CONNECTIONS** present. **SPORES** amygdaliform to ellipsoid, 6-9 (-11) x 3.5-4.5 μm , smooth, thin walled, hyaline, inamyloid, acyanophilic, spore print white.

Distinguishing Features: *Chromosera cyanophylla* is reminiscent of *Xeromphalina* spp., but the latter lack lilac pigmentation, lack viscid tissues, and have distinctly different micromorphology.

Distribution: Relatively common in North America and Europe. Known from many dozens of locations in Oregon, Washington, and California.

Substrate and Habitat: Solitary to scattered or caespitose on exposed white-rotted coniferous wood (*Abies* spp., *Pinus* spp.).

Season: Spring and autumn.

References: Arora, D. 1986. *Mushrooms demystified*. Berkeley, CA: Ten Speed Press. 959 p. Redhead, S.A.; Ammirati, J.F.; Norvell, L.L. 1995. *Omphalina sensu lato* in North America 3: *Chromosera* gen. nov. *Beih. Sydowia*. 10: 155-167.

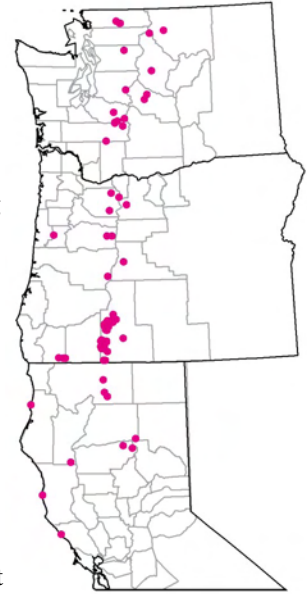


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