

Matchmaker: Mushrooms of the Pacific Northwest

Below are written descriptions and images of fruiting bodies, mushrooms, of the fungal species in this ectomycorrhizal association. The information is from the web version of the Matchmaker: Mushrooms of the Pacific Northwest (MMPNW) created by the Canadian Forest Service and based on the Windows MMPNW version 1.3 by Ian and Eli Gibson.

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LATIN NAME(S) Cortinarius salor Fries

NOTES subgenus Myxacium; in cylindripes group of Arora, but see notes under cylindripes regarding status of that group; slimy purple cap fading to yellowish or brownish, gills bluish lilac then gray to brownish, viscid white to pale bluish clubshaped stem often somewhat belted from veil which is bluish lilac when young, discoloring to yellowish gray to olivaceous yellow, and nearly round roughened spores; reported from WA, and Seidl used OR collection in her studies

CAP 4-9cm, (hemi-)spherical, then flat-convex; deep and bluish lilac when young, later discoloring to yellowish gray to ochraceous yellow from center; glutinous, (Brandrud(1)), 2-10cm, bright violet, blue, more rarely paler, discoloring ochre from center (Moser(1))

FLESH bluish at stem top when young then pale grayish brown (Brandrud)

GILLS crowded; (rather consistently) bluish lilac, then gray to brownish, (Brandrud), lilac or violaceous, finally milky-coffee-brown, (Moser(1))

STEM 6-12cm x 0.5-1.0cm, base clubshaped (to 2.5cm wide); white to pale bluish, viscid to shiny, often somewhat belted from veil, (Brandrud), 4-12cm x 0.5-2.0cm, equal or clubshaped, same color as cap, paler, (Moser(1)), white or lilac, mottled ochraceous yellow, (Courtecuisse)

VEIL bluish lilac when young, discoloring to yellowish gray to olivaceous yellow (Brandrud)

ODOR indistinct (Brandrud)

HABITAT with hardwoods or conifers (Brandrud)

SPORE DEPOSIT presumably brownish

MICROSCOPIC spores 7-9 x 6-8 microns, nearly round, very distinctly and densely verrucose, (Brandrud), no pleurocystidia, marginal cells 23-35 x 5-8.5 microns, cylindrical to clavate, (Breitenbach), presumably without apical pore

NAME ORIGIN means 'the color of the sea'

SOURCES Brandrud*, Moser(1), Courtecuisse*, Ammirati(5), Seidl(1), Breitenbach(5)*

FAMILY Cortinariaceae of Order Agaricales



Ben Woo