

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 percomis Fries Epicr. Syst. Mycol. p.260. 1838

ENGLISH NAME(S) fragrant Cortinarius

NOTES subgenus Phlegmacium; characterized by viscid yellow, uniformly colored cap, dry yellow to yellowish white clubshaped stem, and peculiar odor; description from Brandrud unless otherwise noted; found at least WA, OR, reported from western AB, CA, CO, central and northern Europe, **CHEMICAL REACTIONS** flesh becomes olivaceous gray to pale red in 10% KOH, especially in stem base and where injured by insects

CAP 4-8cm, (hemi-)spherical, then flat-convex; when young ochraceous yellow with a greenish yellow tinge, then saffron-yellow to ochre-brown; smooth, viscid

FLESH deep greenish yellow especially in stem

GILLS crowded; greenish yellow (Brandrud), adnate; yellow, becoming rusty-brown (Arora)

STEM 4-8cm x 1-1.5(2)cm, equal to club-shaped (bulbous base without well defined margin); pale greenish yellow, later more ochraceous yellow, (Brandrud); bright yellow to yellowish white, dry, fibrillose, solid, firm (Arora)

VEIL universal veil greenish yellow, then somewhat grayish brown to wine-red, sparse, fibrillose (Brandrud), universal veil sulfur-yellow, fibrillose, often leaving remnants on stem, webby cortina usually collapsing to leave ring of hairs on upper stem (Arora)

ODOR strong, aromatic, reminiscent of marjoram or common lemon balm (or apple etc.) blended with a more disagreeable, sour component (Brandrud), strongly aromatic and sweet, reminiscent to different people of citronella, toilet bowl cleaner, or papaya (best detected by breaking open the flesh) (Arora)

TASTE mild to slightly unpleasant (Arora)

EDIBILITY no

HABITAT under conifers in mountains etc

SPORE DEPOSIT rusty-brown (Arora)



Ben Woo

MICROSCOPIC spores 10-12.5 x 6-7 microns, amygdaliform (almond-shaped) to almost citriform (lemon-shaped), distinctly and moderately densely verrucose, (Brandrud), spores 10-13 x 5-6.5 microns, elliptic, roughened, (Arora), no pleurocystidia, marginal cells 15-26 x 6-9 microns, cylindric to clavate, (Breitenbach)

NAME ORIGIN means 'very friendly'

SIMILAR citrinifolius but stem not viscid

SOURCES Brandrud*, Arora, Phillips*, Courtecuisse*, Kernaghan, Breitenbach(5)*

FAMILY Cortinariaceae of Order Agaricales