

## 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 allutus* Secr.: Fr.; *Cortinarius multiformis* Fr.

**NOTES** Subgenus *Phlegmacium*; characterized by strong brownish yellow to orange or orange brown viscid cap, grayish white gills, dry white stem with marginate bulb, weak smell of honey, growth under conifers, and slightly rough spores; has been known under the name *multiformis* for many years, but *allutus* is said to be the correct name (Brandrud gives *allutus* as a name given to the robust form, *lundellii* being used for the slender form, and mentions that the name *multiformis* has also been used for a paler deciduous forest species *C. ochropallidus* R.Hry.; Moser uses five names: *allutus* (Secr.) Fr., *lundelli* (Moser) Moser, *ochropallidus* R. Hry., *multiformis* (Fr.) Fr., and *multiformis* var. *coniferarum* Moser); the following description is from Brandrud for *C. multiformis* Fr.; found at least WA

**CAP** 4-8cm, (hemi-)spherical, then flat-convex; homogeneous (dark) ochraceous yellow to almost red brown, with age often hygrophanous toward margin; viscid, often (J. Ammirati pers. comm.) with a bloom

**FLESH** white

**GILLS** crowded; grayish white when young; often somewhat serrulate (finely toothed) (Brandrud), adnate to adnexed or notched (Arora for *multiformis*)

**STEM** 4-8cm x 1-1.5cm, with more or less marginate bulb (to 2.5cm), but often becoming equal; white but discolors brass brown with age; shiny, dry

**VEIL** white sparse fibrillose veil

**ODOR** faint of honey when bruised

**TASTE** sweet (Lincoff(1) for *multiformis*)

**HABITAT** coniferous woods

**SPORE DEPOSIT** presumably a shade of brown

**MICROSCOPIC** spores 8-9.5 x 5-5-5 microns, elliptic to amygdaliform (almond-shaped), slightly verrucose (finely warty)



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**SOURCES** Brandrud\*(as multiformis), Ammirati(5), Moser(1), Kernaghan (as multiformis), Arora (as multiformis, Lincoff(1)\*(as multiformis), Lincoff(2)\*(as multiformis), Courtecuisse\*(as multiformis), Phillips\*(as multiformis)

**FAMILY** Cortinariaceae of Order Agaricales