

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 renidens* Fr.; *Gymnopilus terrestris* Hesler

NOTES Subgenus *Telamonia*; *Cortinarius renidens* is said to be the correct name for *Gymnopilus terrestris* Hesler and was placed by Hesler in *Gymnopilus* because it lacks a cortina, however it has numerous *Cortinarius* characters including characteristic pigment pattern (Moser(6)); see also Hesler's description under *Gymnopilus*; characterized by glossy cap and vivid yellow brown colors, features include hygrophanous cap and flesh, adnate gills, and hygrophanous silky striate stem which is equal or slightly clubshaped; found at least WA and OR

CAP 2.5-5(6)cm, bellshaped-convex, then expanded, obtuse or obtusely umbonate, margin incurved at first; hygrophanous, "Rood's brown" to "amber-brown" when moist, fading to "orange-cinnamon" to "orange-buff" when dry, the disc fading quickly; bald, somewhat shining, margin with or without silky remnants of the yellowish evanescent cortina, (Kauffman(3)), 1.5-6cm (hemi)spherical (-conical), soon flat-convex, sometimes with small acute umbo, margin thin and often irregular; hygrophanous, orange-brown to darker red-brown, when dry brownish yellow; bald, glossy, slightly translucently striate, (Brandrud), 2-6(8)cm, orange-brown, when dry bright apricot, margin often broken, (Moser(1)), 2.5-6cm, with blunt umbo; deep orange-tan, drying yellow to yellow-orange; margin frequently with yellow remnants of veil, elsewhere bald and shining, (PNW keys)

FLESH hygrophanous, colored as surface, at length pallid, (Kauffman(3)), dark red brown in cap, yellow-brown in stem, darker toward base, (Brandrud)

GILLS adnate, seciding, close, 0.5-0.7cm broad; at first pallid, at length "cinnamon-tawny", (Kauffman(3)), (moderately) crowded; pale yellow-brown; edge yellowish, (Brandrud), bright rust-ochre, (Moser(1)), broad, pallid when young, (PNW keys)



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STEM 4-8cm x 0.5-0.8cm, equal or slightly enlarged in lower part, solid, soon hollowed by larvae; at first "ochraceous-buff" or yellowish tinged, at length pallid; innately silky-fibrillose and shining, (Kauffman(3)), 2-7cm x 0.4-0.6cm, equal, base somewhat pointed fusoid, fragile; brownish yellow, somewhat darker yellow-brown toward base; finely whitish yellow fibrillose and hygrophanous striate, (Brandrud), 3-5(7)cm x 1.0-1.5cm, clubshaped-bulbous, with base to 2.5cm wide; ochre-brown, darker brown with longitudinal fibers, (Moser(1)), 4-8cm x 0.5-0.8cm, equal or widening slightly toward base, hollow; bright yellow fading pallid; appressed-silky-fibrillose and shining, (PNW keys)

VEIL cap margin with or without silky remnants of the yellowish evanescent cortina (Kauffman(3)), absent or very thin, fugacious (fleeting) veil threads can apparently sometimes be observed (Brandrud)

ODOR mild (Kauffman(3)), indistinct to slightly radishlike (Brandrud)

TASTE mild (Kauffman(3))

HABITAT under spruce, fir, and hemlock, in the higher mountains, (Kauffman(3)), coniferous forests (Brandrud), coniferous woods, (Moser(1))

SPORE DEPOSIT presumably a shade of brown

MICROSCOPIC spores 6-7 x 4-5 microns, oval, minutely rough, (Kauffman(3)), spores 6-7 x 4.5-5.5 microns, nearly round to broadly elliptic, slightly verrucose, (Brandrud), spores 6-7 x 4.5-5.5 microns (Moser(1)), no pleurocystidia, marginal cells 22-38 x 7.5-8.5 microns, basidiole-like, clavate, (Breitenbach)

NAME ORIGIN means 'shining', 'gleaming'

SOURCES Kauffman(3), Brandrud*, Moser(1), PNW Keys, Kauffman(2), Moser(6), Breitenbach(5)*

FAMILY Cortinariaceae of Order Agaricales