

## 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 saniosus Fr.

**NOTES** Subgenus Telamonia; features in Smith description include small size, "burnt umber" cap fading to "chestnut" on disc and finally "Saccardo's umber" overall, pallid brownish young gills, stem which is equal or narrowing downward, and is silvery and whitish in upper part, sheathed by "yellow ocher" fibrillose sheath which breaks up into annular patches, and roughened spores; found by A.H.Smith in 1935, but current status needs review

**CAP** 1-2cm, obtusely conic with an obtuse umbo and decurved margin, remaining unexpanded; "burnt umber" over all when fresh, slowly fading to near "chestnut" on disk and finally "Saccardo's umber" over all, fibrils yellowish, (Smith), with a thin innately silky fibrillose covering, with blunt umbo; dark reddish brown drying duller umber brown; covered with thin silky coat of yellow fibrils (PNW keys), up to 2.5cm, tawny brown to yellowish-ochre, margin with yellow cortina; fibrillose-silky rough, (Courtecuisse)

**FLESH** moderately thick on disk, thin on margin; colored as cap or paler, (Smith)

**GILLS** adnexed, nearly subdistant, moderately broad; pallid brownish, becoming "ochraceous-tawny" at maturity, (Smith), not very close, ventricose, (Courtecuisse)

**STEM** 3-5cm x 0.2-0.45cm, equal or narrowing downward, solid; silvery and whitish in upper part, sheathed by a "yellow ocher" fibrillose sheath which breaks up into annular patches, (Smith), 3-5cm x 0.15-0.3cm, equal or narrowing downward, solid; at first sheathed entirely with bright yellow veil, then with ringlike bands, pallid and silky above veil, (PNW keys), up to 6cm x 0.5cm, with yellow bands, (Courtecuisse)

**VEIL** "yellow ocher" universal veil forms sheath which breaks up into annular patches on stem, (Smith), bright yellow (PNW keys)

**ODOR** not distinctive (Smith), radishlike (Courtecuisse)

**TASTE** not distinctive (Smith)

**HABITAT** under Douglas fir, (Smith's record), ruts, muddy alder Alnus carr (carr is wetland site dominated by alder or willow), wood edges, a damp-loving species (Courtecuisse for Europe)

**SPORE DEPOSIT** presumably a shade of brown

**MICROSCOPIC** spores 7.5-9 x 4-5 microns, elliptic, roughened, (Smith)

**NAME ORIGIN** means 'pertaining to discharge', sanies = pus, bloody matter, ulcer, (Latin)

**SIMILAR** like gentilis in bright color of veil, but gentilis becomes yellow on drying out (PNW keys)

**SOURCES** Smith(22), PNW Keys, Courtecuisse\*

**FAMILY** Cortinariaceae of Order Agaricales