

## 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.

[Click for further information about MMPNW](#)

Many illustrations need confirmation. Do not use this information to determine edibility.

I have read and agreed to the [disclaimer](#) and [copyright information](#).

**LATIN NAME(S)** *Hygrophorus pudorinus* (Fr.) Fr. *Epicr. Syst. Mycol.* p.322. 1838

**ENGLISH NAME(S)** spruce waxy-cap, blushing waxcap, turpentine waxy-cap

**NOTES** features include robust stature, viscid pinkish to pinkish-salmon or pale tan cap, waxy whitish to pinkish gills and dry stem that is whitish to cap-colored and punctate at top; var. *fragrans* is large and tall with a yellow-orange stem base and te

**CAP** 5-10(12)cm broad, convex to bellshaped, obtuse or somewhat expanded, margin at first inrolled; pale tan to pinkish buff or pale flesh; viscid, bald, margin at first minutely downy, even, (Hesler), 5-15(20)cm, obtuse or convex with inrolled margin, becoming broadly convex or flat when old; "pale tan to pinkish or flesh-color or pinkish-orange toward center and pinker or paler at margin"; viscid when moist, smooth, (Arora), comes in various color forms, with some specimens being white or gray rather than tan to pinkish, (Ammirati)

**FLESH** thick, firm; white or tinged incarnate, (Hesler), thick, firm; white or tinged cap color, (Arora), flesh in cap and stem eventually become orange in var. *fragrans* forma *fragrans*, (Largent)

**GILLS** subdecurrent, acuminate, subdistant, narrow, thickish, sometimes forked, interveined; white to pallid to sometimes tinged pale incarnate but never reddish-spotted, (Hesler), "adnate to decurrent, fairly close, soft, waxy"; "sometimes whitish but more often pinkish to pale flesh-color, not developing reddish stains", (Arora)



Michael Beug



Joy Spurr

**STEM** 4-9cm x 1-2cm, equal or narrowing downward, stout, solid, compact; white to buff or incarnate tinged; dry, upper part white floccose-punctate, the scales or points becoming reddish when old or with drying, more or less appressed-fibrillose toward base, "typically dry but sometimes subviscid to the touch when the basal portion becomes water-soaked", (Hesler), 4-20cm x 1-3cm, equal or narrowed below, solid; whitish to buff or pinkish or colored like cap; dry to tacky but not truly viscid, "lower portion fibrillose, upper portion conspicuously punctate (with tiny whitish scurfy scales or tufts that darken to reddish-brown when dried or in age, and turn yellow-orange in KOH)", (Arora), whitish with orange or pinkish streaks, sometimes twisted, (Schalkwijk-Barendsen)

**VEIL** absent (Arora)

**ODOR** not distinctive or slightly fragrant (but faintly fragrant in var. fragrans), (Hesler), mild to faintly fragrant (Arora), not distinctive or slightly fragrant for var. pudorinus, unpleasantly fragrant, at times faintly so, for var. fragrans forma fragrans, fragrant to slightly pungent and spicy for var. fragrans forma pallidus, (Largent)

**TASTE** not distinctive (Hesler), unpleasant, like turpentine, (Phillips), may be bitter (Ammirati)

**EDIBILITY** yes but mediocre, some variants said to have turpentine taste, (Arora)

**HABITAT** scattered to gregarious in bogs or in mixed coniferous forests, (Hesler), scattered or in groups on ground under conifers, particularly spruce, (Arora), grows in boggy places in moss under conifers, mixed spruce and pine, (Schalkwijk-Barendsen)

**SPORE DEPOSIT** white (Arora)

**MICROSCOPIC** spores 6.5-9.5 x 4-5.5 microns, elliptic, smooth, inamyloid, (Hesler); basidia 2- and 4-spored, 41-62 x 5.5-7 microns; pleurocystidia and cheilocystidia absent; gill tissue divergent; clamp connections on hyphae of cuticle, cap trama, and gill trama, (Hesler), spores 6.5-9.5 x 4-5.5 microns, elliptic, smooth, (Arora)

**NAME ORIGIN** means "blushing"

**SIMILAR** pratensis somewhat but viscid cap

**SOURCES** Hesler\*, Arora\*, Phillips\*, Ammirati\*, Schalkwijk-Barendsen\*, Courtecuisse\*, Bessette(2)\*, Barron\*, PNW keys, Kernaghan, Jumpponen(1), Breitenbach(3)\*, Largent(4)

**FAMILY** Tricholomataceae of Order Agaricales