

## 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)** *Galerina cerina* Smith & Singer var. *luteovelata* f. *luteovelata* Smith & Singer Mycologia 47: 566. 1955

**NOTES** this variety characterized by yellow veil, other features include hygrophanous conic ochraceous tawny striate cap, clay-colored gills which become ochraceous tawny, thin fragile stem which is ochraceous buff but paler toward top, fibrillose with yellow veil fibers in lower part, pruinose towards top, growth on mossy logs or standing trunks, and microscopic features including calyptrate spores; found at least in WA; another form (var. *luteovelata* f. *occidentalis* Smith and Singer) was also found in WA: it had similar cap 0.8-1.5cm, stem 2-3cm x 0.15-0.2cm, and pinkish buff to pale yellow veil fibrils, but cheilocystidia (45)50-70 microns long as opposed to 30-45 microns long

**CAP** 0.8-1.0(1.5)cm, obtusely conic, remaining unexpanded; hygrophanous, ochraceous tawny with tawny striations, drying cinnamon buff; bald, striate to disc when moist

**FLESH** thin, fragile; colored as cap

**GILLS** adnate soon seceding, subdistant (9-11 reach stem), 1 tier subgills, broad (0.2cm); clay color becoming ochraceous tawny; edges even

**STEM** 1-2cm long and about 0.1cm wide, equal or widening at base slightly, very fragile; ochraceous buff, paler toward top; fibrillose with yellow fibrils toward base, pruinose toward top, becoming bald

**VEIL** stem is fibrillose with remnant yellow fibrils toward base

**ODOR** not distinctive

**TASTE** not distinctive

**HABITAT** scattered on mossy logs or standing trunks in fall

**SPORE DEPOSIT** presumably a shade of brown

**MICROSCOPIC** spores 10-12.5 x 6.5-8 microns, ovate in face view, somewhat inequilateral in profile, smooth or exosporium slightly wrinkled and around the hilar appendage separating from episporium in blisters and thin sheet (calyptrate), plage smooth with ragged boundary, spores tawny or darker in KOH; basidia 4-spored, 26-30 x 9-10 microns, colorless in KOH; pleurocystidia none, cheilocystidia abundant, 30-42 x 7-12 microns, apices up to 9-12 microns broad in some and obtuse to broadly rounded, bases ventricose, colorless, thin-walled, in many the broadly rounded apex wider than the basal ventricose part; gill trama interwoven, pale rusty brown in KOH from incrusting pigment; cap trama homogeneous, hyphae dark rusty brown from heavily incrusting pigment as revived in KOH; clamp connections present

**NAME ORIGIN** means 'waxy'; 'luteovelata' means 'yellow-veiled'

**SOURCES** Smith(2)

**FAMILY** Cortinariaceae of Order Agaricales