

## 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 vittiformis* (Fr.) Earle Bulletin of the New York Botanical Garden 5: 423. (1909) [1906]

**NOTES** features include hygrophanous cap that is honey colored over disc and striations, paler along margin and between striations, adnate broad gills that are pallid tawny to cream becoming colored as cap, fragile equal stem that is pale yellowish to taw

**CAP** 0.4-2.5(3.0)cm, bluntly conic to convex, becoming broadly convex to expanded-umbonate or nearly flat, often with broad prominent umbo and recurved margin; hygrophanous, honey-colored (ochraceous tawny) over disc and striations, paler along margin and between striations, fading to warm buff (pale yellow); moist, presumably bald, striate with broad translucent striations when moist, sometimes grooved when faded

**FLESH** thin, fragile; pale tawny to yellowish

**GILLS** broadly adnate, close or subdistant (10-15 reach stem), 1-2 tiers subgills, broad (0.5cm), at times somewhat ventricose (broader in middle); pallid tawny to cream color becoming when old colored as cap (ochraceous tawny)

**STEM** 3-6(12)cm x 0.07-0.2cm, equal, straight or flexuous, fragile, tubular, pale yellowish to tawny darkening to chestnut brown at least in lower part, drying dull reddish brown to tawny brown with yellowish apex; finely downy-pruinose from projecting caulocystidia but soon bald in lower half

**VEIL** no ring

**ODOR** none

**TASTE** mild

**HABITAT** scattered to gregarious on mossy logs in coniferous forest and perhaps hardwood forest, and among mosses along the margins of woods

**SPORE DEPOSIT** presumably a shade of brown

**MICROSCOPIC** spores 10-12.3 x 5-6.5 microns, ovate in face view, inequilateral in profile, with broad distant warty markings, plage smooth, pale ochraceous tawny revived in KOH (usually paler than in *f. tetraspora*), with apical callus; basidia (1)2-spored, 20-24 x 7-8 microns, colorless in KOH; pleurocystidia and cheilocystidia similar and abundant to scattered, 56-74 x 10-16 microns, fusoid-ventricose, pedicellate, with acute, subacute or rounded tip, the walls of the neck often flexuous, always thin, and colorless in KOH; gill trama somewhat interwoven in mature specimens, the wall yellowish with incrusting pigment, cap trama homogeneous, the epicutis hardly differentiated and no pileocystidia observed; stem with numerous caulocystidia similar to the cheilocystidia or more subulate, extending down to the lower part of the stem; clamp connections present

**NAME ORIGIN** means 'formed with stripes'

**SOURCES** Smith(2) (as *G. vittaeformis*), Courtecuisse\* (as *G. vittaeformis*), Castellano(2)\* (as *G. vittaeformis*)

**FAMILY** Cortinariaceae of Order Agaricales