

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 pteridicola* Smith A Monograph on Genus *Galerina* Earle p.111. 1964

NOTES features include small size, hygrophanous ochraceous tawny moist cap, adnate gills colored as cap, stem colored as cap or slightly darker in lower part which is thinly fibrillose at first from veil, non-distinctive odor and taste, growth on fern petioles from the past season, and microscopic characters; found in WA

CAP 0.6-1.5cm, obtuse, becoming bellshaped; hygrophanous, ochraceous tawny, drying paler; moist, pruinose at first

FLESH soft, fragile

GILLS adnate ascending, moderately close, moderately broad; colored more or less as moist cap

STEM 2.0-3.5cm long and about 0.1cm wide, equal or nearly equal; more or less colored as cap or slightly darker below; lower part at first thinly fibrillose from veil, upper part pruinose

VEIL pallid thin veil makes lower stem fibrillose at first

ODOR not distinctive

TASTE not distinctive

HABITAT scattered on fern petioles of the past season, and perhaps other habitats

MICROSCOPIC spores 9-12 x 4.5-5.5 microns, obscurely angular-inequilateral to oblong or ovate in face view, distinctly warty-wrinkled, except for smooth plage, no apical differentiation; basidia 2- and 4-spored; pleurocystidia none, cheilocystidia 34-50 x 5-8 x 2-3 x 4-6 microns, mostly distinctly capitate at apex, colorless and thin-walled; pileocystidia present and mostly similar to cheilocystidia; clamp connections present on hyphae of epicutis of cap

NAME ORIGIN means 'living on ferns'

SOURCES Smith(2)

FAMILY Cortinariaceae of Order Agaricales