

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) *Phlebia radiata* Fries; *Phlebia merismoides* Fries

ENGLISH NAME(S) radiating *Phlebia*

NOTES gelatinous pinkish-orange to red, growing flat on wood, in crowded radiating folds or wrinkles with hairy margin; does not have true gills but underside has veinlike folds; some other *Phlebia* species (e.g. *P. tremellosa*) are not included here because the veins form a porelike surface

CAP 1-4cm wide, 0.2-0.3cm thick, fused in large sheets flat on wood (up to 25cm), but individual fungi have observable limits, circular, fertile surface covers entire mushroom (see GILLS) and is pinkish orange to red, sometimes with a free margin but no cap

FLESH 0.05-0.1cm thick, waxy-soft, somewhat gelatinous, tough when old or when dry

GILLS fertile surface raised with ridges and warts, sometimes fusing in rows (not becoming porelike) radiating from point of attachment; pinkish to orange-red or coral-red, (Phillips says color varies from dull flesh-color or purplish to bright fluorescent orange, especially at margin), with whitish hairy margin

STEM none

VEIL none

EDIBILITY inedible

HABITAT on rotting wood of hardwoods and conifers

SPORE DEPOSIT whitish

MICROSCOPIC 3.5-4.5 x 1.5-2 microns, sausage-shaped to elliptic, with sharp tip

NAME ORIGIN means 'radiating'

SOURCES Lincoff(2)*, Phillips*, Bessette(2), Arora, Courtecuisse* (as *merismoides*)

FAMILY Meruliaceae of Order Polyporales