

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) *Lactarius glycosmus* (Fr.) Fr. Epicr. Syst. Mycol. p.348. 1828

NOTES features include fragile consistency, dry cap that is gray to pinkish gray, white unchanging milk, decurrent crowded narrow gills that are pinkish buff to pinkish cinnamon, dry stem colored as cap or paler, coconut odor, cream-colored spore deposit; reported from BC (Goward & Hickson in Redhead(5)), cited by Hesler and Smith from ID, also NS, ON, PQ, AK, CO, MA, ME, MI, MN, WI, United Kingdom, Netherlands, Sweden, Switzerland

CAP 2-6cm, convex with an inrolled margin, becoming depressed at the cap center then shallowly funnel-shaped with an upturned and sometimes wavy margin; pinkish-gray to purplish-gray to wine-colored-gray or wine-colored-buff to lilac gray to dull buff, occasionally with faint concentric bands of color; dry and faintly hairy, sometimes slightly scaly when old

FLESH thin; buff-colored, MILK white, unchanging, not staining

GILLS decurrent, crowded, narrow, some forked; yellowy to pale flesh-buff then lilac gray

STEM 2-5cm x 1-1.5cm, soft, fragile, same color as cap or paler, dry, faintly downy or almost smooth

VEIL none

ODOR fragrant, somewhat like coconut

TASTE slowly, slightly peppery and hot

EDIBILITY yes

HABITAT scattered to gregarious under birch or alder and conifers

SPORE DEPOSIT pale cream to buff

MICROSCOPIC spores 6.5-8.5 x 5-7 microns, elliptic, amyloid warts and ridges 0.5-0.8 microns high, only a loose reticulum of ridges; basidia 4-spored, 8-11 microns; pleurocystidia: macrocystidia scattered to rare, not prominently projecting, 38-56 x 8-12 microns, subcylindric with obtuse apex, content spangled to homogeneous, cheilocystidia similar to macrocystidia but often shorter

NAME ORIGIN means 'sweet-smelling'

SOURCES Phillips*, Bessette(2)*, Kibby*, Courtecuisse*, PNW keys, Redhead(5), Hesler(4)

FAMILY Russulaceae of Order Russulales



Michael Beug



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