

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) *Lepista praemagna* (Murrill) Singer Lilloa 22: 192. 1951; *Clitocybe praemagna* (Murrill) Bigelow & Smith; *Tricholoma praemagna* (Murrill) Murrill; *Melanoleuca praemagna* Murrill

NOTES characterized by large size, grassland habitat, pinkish buff spore deposit, and finely warty spores; found at least ID, also AB, SK, CO, WY

CAP (5)10-30cm, convex becoming flat, margin incurved at first; white or pallid, becoming creamy to light brown when old; dry, bald, dull, smooth at first then fissured to areolate (mud-cracked) or warty when old, margin tomentose at first, not striate

FLESH thick on disc, firm; white

GILLS adnate or somewhat sinuate, becoming rounded and seceding when old, close to subdistant, broad (to 1.2cm); whitish or pallid (with a pearly sheen)

STEM 3-7cm x 1.5-5cm, equal or base enlarged, at times with a ridged (marginate) bulb, solid; white, base may be spotted brown; bald or fibrillose

VEIL none

ODOR not distinctive

TASTE not distinctive

EDIBILITY yes

HABITAT gregarious or cespitose (tufted) often forming arcs or rings in open grasslands or under sagebrush, June to September

SPORE DEPOSIT pinkish-buff

MICROSCOPIC spores (5.5) 6-8 x (3.5)4-4.5(5.5) microns, elliptic, mostly verruculose (finely warty) but sometimes smooth, inamyloid; basidia usually 4-spored, rarely 2-spored, 23-37 x 5.5-8.5 microns; presumably without pleurocystidia or cheilocystidia; clamp connections present

SOURCES Bigelow(5) (as *Clitocybe*)

FAMILY Tricholomataceae of Order Agaricales