

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) *Tricholomopsis decora* (Fr.) Singer

ENGLISH NAME(S) queen's coat, decorated mop, black-tufted wood
Tricholoma

NOTES features include golden yellow cap covered with tiny brownish-black fibrillose scales, yellow flesh, adnate crowded narrow yellow gills, yellow minutely scaly stem, growth on conifer logs, and white spore deposit; common in Pacific Northwest, found at least BC, WA, Breitenbach & Kranzlin give distribution as North America, Europe, Asia

CAP 3-7(9)cm, convex at first, becoming centrally depressed, often somewhat umbonate, rarely umbilicate, margin incurved at first; deep golden yellow, covered in tiny brownish-black or olive-brown or dark brown fibrillose scales, especially at center, arranged concentrically

FLESH thick at disc, thin on margin; deep yellow

GILLS adnate or notched, crowded, 50-55 reach stem, 3-9 subgills between pairs of gills, narrow; yellow; edges smooth

STEM 3-6cm x 0.3-1.0cm, occasionally off-center, sometimes bent, solid to hollow; sulphur-yellow; minutely scaly or longitudinally fibrillose, brownish-floccose toward top

ODOR not distinctive

TASTE not distinctive to bitterish

EDIBILITY unknown

HABITAT singly, scattered or in groups on conifer logs

SPORE DEPOSIT white

MICROSCOPIC spores 6-7.5 x 4.5-5 microns, elliptic, smooth, presumably inamyloid, (Phillips), spores 6.2-8.4 x 4.2-5.4 microns, elliptic, smooth, with droplets; basidia 4-spored, 30-36 x 6-7 microns; pleurocystidia rare, cheilocystidia abundant, 25-50 x 6-15 microns, clavate-vesicular, more rarely cylindric-ventricose; clamps on cap cuticle, basidia, (Breitenbach(3))

NAME ORIGIN means "beautiful"

SOURCES Breitenbach(3)*, Phillips*, Lincoff(2)*, Ammirati*, Schalkwijk-Barendsen*, Courtecuisse*, Bessette(2)*, Barron*

FAMILY Tricholomataceae of Order Agaricales



Ben Woo



Michael Beug



Michael Beug