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) Mycena aurantiomarginata (Fr.) Quelet Champ. Jura et Vosges p.240. 1872; Mycena elegans Fr. ex Pers.

NOTES Section Calodontes (Smith), Section Luculentae (Maas Geesteranus); characterized by olive fuscous to yellowish olive moist cap, pallid to gray olive gills with bright orange margins, brownish to grayish olive stem, white spore deposit, and spiny cystidia; description derived from Smith; found at least WA, OR, CA; Breitenbach & Kranzlin give distribution North America, Europe, North Africa

CAP 0.8-2.0cm, obtusely conic to bell-shaped becoming nearly flat; not hygrophanous, dark olive fuscous to yellowish olive on disc, margin orange shaded with fuscous; moist, faintly hoary-pruinose, soon polished, becoming somewhat pleated with age

FLESH thin, rather pliant

GILLS adnate with a decurrent tooth, close, narrow becoming broad when old; pallid to gray olive with edges bright orange

STEM 3-6cm x 0.1-0.2(0.3)cm, rigid, cartilaginous, cylindric or compressed; brownish to grayish olive, sometimes tinged orange; bald except orange powder toward top, base strigose with orange hairs

VEIL none

ODOR not distinctive

TASTE not distinctive

HABITAT scattered, gregarious or somewhat tufted under conifers on moss and needle carpets

SPORE DEPOSIT white

MICROSCOPIC spores 7-9 x 4-5 microns, elliptic, smooth, amyloid; pleurocystidia and cheilocystidia abundant and similar, 28-36 x 7-12 microns, club-shaped to somewhat capitate (with a head), the tops sparsely of densely echinulate (with small spines), filled with a bright orange pigment

NAME ORIGIN means 'orange-margined'

SOURCES Smith(1), Courtecuisse*, Maas Geesteranus, Breitenbach(3)*

FAMILY Tricholomataceae of Order Agaricales

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