

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) *Lepiota magnispora* Murrill in Mycologia 4: 237. 1912; *Lepiota ventriosospora* Reid

NOTES features include dark brown to yellowish brown unbroken disc, toward the appendiculate margin breaking into pinkish brown to yellowish brown fibrous scales on light brown background, crowded whitish gills, stem which is pale and smooth in upper part

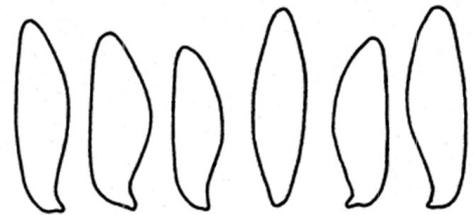
CAP 2.5-5cm, convex becoming uplifted, disc becoming at least slightly raised; disc dark brown, unbroken, fibrous, margin breaking into overlapping pinkish tinged brown fibrous scales on a light brown background; presumably dry, marginal remnants hanging from the edge, (PNW keys), 4-6(8)cm, hemispheric then conic to broadly conic, finally flat; red-brown in center, toward the margin ocher-brown to orange-brown scales on light ocher-yellow background; in the center when young venose to slightly tuberculate-verrucose, toward margin splitting to form isolated fine scales, later with concentric, broadly conic, erect fine scales, margin radially fibrillose and floccose from hanging veil remnants, (Breitenbach), 4-8cm, with ochre scales on white background, (Hansen), 4-8cm, ochraceous with bright yellow to brown scales; center smooth, (Moser)

FLESH whitish (PNW keys), thin; whitish, brownish in cap center, (Breitenbach)

GILLS crowded; whitish (PNW keys), free, 38-43 reaching stem, 3-7 subgills between each pair of gills, broad; white; edges smooth, (Breitenbach)



J E Underhill



E Vellinga in Mycotaxon 76 p430 2000

STEM 6-10.5cm x 0.5-1.2cm, widening slightly downward, hollow, pale and smooth above, shaggy below with woolly yellowish or pinkish brown scales and sometimes with brown spiral bands, (PNW keys), 6-10cm x 0.4-0.8(1.0)cm, cylindric, widened slightly at base, stem elastic, solid becoming hollow; "entire surface densely fibrillose-floccose when young, apex white, woolly, fibrillose-cottony, color grading from ocher-yellow to orange to orange-brown below, base slightly thickened, glabrescent and ocher-yellow when old", (Breitenbach), 4-10cm x 0.3-0.8cm, yellow floccose in lower part, (Hansen), yellowish, ochraceous, on lower part yellowish-woolly, scaly, (Moser)

VEIL ring yellowish or pinkish brown, cottony, not persistent, (PNW keys)

ODOR pleasantly fungoid (Breitenbach)

TASTE mild, pleasantly fungoid, (Breitenbach)

EDIBILITY "edible" in some European food guides, but avoid because some lookalikes deadly

HABITAT scattered under fir (PNW keys), solitary to gregarious in hardwood and coniferous forests, on damp to moist soils, (Breitenbach), coniferous woods, (Moser)

SPORE DEPOSIT light yellow (Breitenbach)

MICROSCOPIC spores in side view (12.0)13.5-25.0 x 4.0-6.0 microns, for the type 15.2-20.7 x 4.5-5.8 microns, with straight abaxial side, convex adaxial side and suprahilar depression [inverted penguin-shaped] dextrinoid, congophilous, (Vellinga with illu

NAME ORIGIN means 'with spores bulging in the middle'

SIMILAR like clypeolaria which has more subdued colors without a distinct "eye", and less ragged veil on stem than in magnispora, and has different spores (in side view 11.0-18.5 x (4.0)4.5-6.0(6.5) microns, shorter, slightly convex adaxial and abaxial side, and a shallow suprahilar depression may be present, giving an amygdaloid-fusiform appearance), (Vellinga who also illustrate the spores of both, and mentions that the two are illustrated in Breitenbach(4), magnispora as ventriosospora Blatterpilze 2. Teil. Verlag Mykologia, Luzern)

SOURCES Breitenbach(4)*(as ventriosospora), PNW keys (as ventriosospora), Vellinga(1), Hansen, L.(2) (as ventriosospora), Moser(1) (as ventriosospora), Arora* (illustration as clypeolaria), Lincoff(1)*(illustration as clypeolaria)

FAMILY Agaricaceae of Order Agaricales



Boleslaw Kuznik