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Hydnums Notebook 1

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18169

HYDNELLUM DIABOLUS Banker

On humus, pine woods, Cades cove; Coll. L.R. Hesler, Oct. 18, 1947.

Pileus 5-10 cm broad, plane, hygrophanous, "sea-shell pink" to "pale pinkish buff" (dry), dark brown (wet), red when rubbed, surface velvety-plush like, not zonate. Flesh pale reddish-brown, hard (except soft at surface), zonate; odor slight, taste peppery-bitter. Teeth reddish-brown, up to 5 mm long, decurrent. Stipe short, dark-brown, roughened, somewhat felty, hard, solid, base not green. Spores warty 5.5-6.5 x 4.5-5.5 microns.

29427

HYDNELLUM DIABOLUS Banker

PHOTO

On soil, pine woods, near Walland, Oct. 21, 1966

Pileus 5-12 cm broad, reddish brown to dark watery brown and the margin white when wet, when drying becoming marked with dark and light brown zones, smooth or conspicuously spiculate on the central portion, elsewhere with smaller spicules, not distinctly fibrillose, margin radiately ridged. Context brown, zonate, hard, scarcely duplex; odor farinaceous, taste peppery-acrid.

Spines up to 4 mm long, "pinkish cinnamon" to "vinaceous tawny," tips moderately acute and concolorous, margin of cap with a narrow sterile band.

Stipe 2-5 cm long, 8-22 mm thick, black, central portion hard, outer portion soft, more or less tapering at base.

Spores 4.3-5 x 3.5-4.5 μ , ellipsoid, tuberculate, color in deposit: near "wood brown" with a smoky tint.

18867

SARCODON RETICULATUS BANKER

Photo

On soil, young pine planting, Knoxville (Woodson), Coll.

L.R. Hesler, Dec. 23, 1948, Det. Alma Beers, cf. W. H. Snell.

Pileus 7-15 cm broad, expanding, depressed, at times umbilicat^e, circula^r, "wood brown" (dry), "warm sepia" (wet), with coarse appressed and variously disposed fibers, margin wavy and more or less uplifted. Flesh thick, abruptly thin at margin, homogeneous, medium firm, brownish, not zonate; odor of fenugreek, taste mild.

Teeth slightly or not decurrent, ashy-white, up to 10 mm long, apex sharp-pointed.

Stipe 2-3.5 cm x 15-30 mm, brownish, equal, base blunt, glabrous, solid, central.

Spores 3.5-4.5 x 3.2-3.5 μ , minutely warty, globose^e to subglobose, white in mass.

When teeth are broken away, reticulations are evident,

See: Coker, Elish. Mitch. Jour. 41:276-7. 1926.

See also #3138

14694

HYDNELLUM RHIZOPES Coker

On soil, woods, Highlands, N.C. Coll. L.R. Hesler, Det. Alma H. Beers, Sept. 6, 1942.

Pileus dingy brownish-black, strigose, slightly depressed.

Flesh black, fleshy-firm, heterogeneous; odor mild, becoming strongly fenugreek after being dried.

Only one specimen found.

3499

HYDNELLUM SCROBICULATUM

On soil, Bearpen Mt., Highlands, N.C., Sept. 6, 1932.

Spores brown, bluntly warty, oblong in general outline,
4.2-5 x 5-6 μ .

13919

HYDNELLUM

On soil, woods, Cades Cove Aug. 3, 1941

Pileus (several fused), 9 cm broad, concave, zonate, center reddish-brown and rough, margin nearly white, appressed fibrillose. Flesh pallid, zonate, pliable; odor and taste mild or subfarinaceous. Teeth steel blue (near Deep Plumbeous, R.), about 2 mm long, shorter outward, margin sterile, tips slightly pointed. Stipe short, 3 cm x 5 mm (base), 15 mm (apex), tapering downward, interior blackish, hard. Spores 4-5 x 2-3 μ , angular-nodulose. (Coker says spores 4-5.5 x 3.5-4.2 μ). Compared with our cyaneotinctum #12550 it differs in smaller spores and different color.

14701

HYDNELLUM ?

On soil, pine woods, New Hopewell, Knox Co., Tenn. Coll.: L.R. Hesler,
Nov. 26, 1941.

Pileus up to 11 cm broad. Flesh of two layers, zonate,
farinaceous odor and taste. Spores 3.5-4 μ diam., subglobose.

(Sorry, I have no full notes.)

16455

PHELLODON ?

On soil, frondose woods. Highlands, N.C. Coll. L.R. Mesler, Sept. 2, 1944.

Pileus 4-8 cm broad, at times confluent (in 2's or 3's), matted-fibrillose, Pale Orange-Yellow (R.), margin dark; context duplex, soft outward, hard inward, concentrically zoned (with black lines), odor farinaceous, taste slightly sour. Teeth cinnamon drab (R.), tips pale, rather sharp-pointed, up to 4 mm long, slightly decurrent. Stipe 2-3 cm x 1-1.5 cm (single), central, concolor to pileus, context like that of pileus.

Coker (letter, Jan. 13, 1945) says, "Your plant shows no bluish tints and none are mentioned in the notes. I have collections exactly like the typical cyaneotinctum that showed no blue at the time collected. Such plants as yours...could be referred to my Hydnellum ferrugipes. These two are very close together and are probably forms of the same."

19185

HYDNELLUM

On soil, under Rhododendron, near Laboratory, Highlands, Coll.
L.R. Hesler, August 9, 1949.

Pileus strigose, somewhat zoned, reddish-brown. Flesh not duplex, zoned, with dark red juice (abundant), odor mild, taste peppery; teeth reddish brown with white tips.

19219

HYDNELLUM

Highlands, under white pine; Coll. L. R. Hesler, Aug. 10, 1949.

Flesh hard below, soft above; odor and taste mild. Stipe orange colored.

Coker says these are weathered specimens.

HYDNELLUM NO. 22082

Pileus watery brown, strigose-tomentose; odor farinaceous.
Flesh pale amber, zoned, not duplex. Teeth white, medium blunt.
Stipe dingy yellow-brown, appressed-fibrillose.

Spores subglobose or globose, 4-4.5 x 3.8-4.5 μ , warty, in mass near "avellaneous."

Habitat and distribution - On soil, deciduous woods,
North Carolina, August.