November 2013

Collybia Notebook 1

L. R. Hesler

Collybia conigenoides (Ellis) Sacc.

C-13

BASIDIOSPORES (2% KOH): hyaline, ellipsoid, apiculate, thin-walled, non-amyloid,

$$\frac{5.4}{2.4}\quad\frac{6.0}{3.0}\quad\frac{4.8\ \ 5.4}{3.6}$$

2.4-3.6 X 4.8-6.0 μ

PILOCYSTIDIA (2% KOH) frequant, short-pedicellate to apedicellate, long-cylindric to sublageniform, hyaline, wall 0.6-1.2 μ thick, wall thinning toward apex (0.3 μ) or uniform throughout, apex occasionally dichotomously branched, non-muricate,

$$\frac{46.8}{9.0}\quad\frac{46.8\ \ 54.0\ \ 61.2\ \ 79.2}{10.8}\quad\frac{63.4}{13.2}\quad\frac{54.0}{14.4}\ \mu$$

9.0-14.4 X 46.8-79.2 μ

PLEUROCYSTIDIA (2% KOH) infrequent, subventricose to subspherical to subfusiform, short-pedicellate, hyaline, wall tinged yellowish, apex thin, apex acute (often bread and abruptly mucronate), wall 0.9-1.2 μ, non-muricate,

$$\frac{30.6\ \ 41.4}{12.6}\quad\frac{32.4}{14.4}\quad\frac{36.0}{15.3}\quad\frac{36.0}{18.0}\ \mu$$

12.6-18.0 X 30.6-41.4 μ

CHEILOCYSTIDIA (2% KOH) frequent, hyaline, fusiform to broadly clavate, wall tinged yellowish, wall 1.8 μ thick, thinning into apex, apex acute to capitate-rounded, apedicellate to short-pedicellate, non-muricate,

$$\frac{21.6\ \ 23.4\ \ 30.6\ \ 36.0}{9.0}\quad\frac{36.0\ \ 39.6}{10.8}\ \mu$$

CAULOCYSTIDIA (2% KOH) abundant, lageniform, hyaline, wall thickened (0.9 μ) wall thinning into apex, apex rounded, subcapitate, non-muricate,

$$\frac{39.6}{7.2}\quad\frac{39.6}{8.1}\quad\frac{72.0}{9.9}\quad\frac{59.4}{10.8}\quad\frac{68.4}{12.6}\ \mu$$

7.2-12.6 X 39.6-72.0 μ

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BASIDIA approx. 19.8 μ long, hyaline.

LAMELLA TRAMA (2% KOH) vesiculose, hyaline, thick-walled (1.8 μ), cells several-sided to angular rounded, diameter 7.2-9.0-16.2-19.8-21.6 μ.

PILEUS TRAMA (2% KOH) approaching pseudoparenchymatous, walls thickened (0.9 μ), walls tinged yellowish, content hyaline, no clamp connections seen, no lactifers.

EPICUTIS (2% KOH) cellular, cells subspherical, hyaline, wall 0.6 μ thick and tinged yellowish,

$$\frac{24.0}{10.8} \quad \frac{21.6}{12.0} \quad \frac{19.2}{14.4} \quad \frac{23.4}{16.2}\ \mu$$

on magnolia fruits
October 3, 1959
Coll. T. H. Campbell
Det. T. H. Campbell
cf: L. R. Hesler

See Pseudohiatula p. 318 - Singer