

UNTIL 8:30 A. M.
12:30 TO 1:30 P. M.
7 TO 9 P. M.
SUNDAYS, 1 TO 3 P. M.

DR. CHARLES E. FAIRMAN,
MAIN STREET, 2 DOORS ABOVE EAGLE.

PHONES { HOME, 1408-A.
BELL, 8-R-2.

LYNDONVILLE, N. Y., April 15th, 1906.

Cher Monsieur:

*Je vous envoie, aujourd'hui, 4 fungilli pour identification,
avec notae mycologicae.*

Tres-devoue',

Charles E. Fairman

Notae Mycologicae.

1. *Sphaeropsis* ? *Pycnidia* minute, black, erumpent,
raising the epidermis in pustules: sporules elliptical, co-
brown, continuous, 12 - 20 X 10 - 12 μ

No. 2. *Fusarium* ? Sporules curved or crescentic,
(Septate?) 27 - 35 X 3 - 4 μ , hyaline.

No. 3. *Pycnidia* very minute, erumpent, black: sporules
elliptical, rounded at the ends, uniseptate, not constricted,
hyaline, 8 - 10 X 4 - 5 μ . Θ

Zygodesmus, spores echinulate. No. 4

5. a. *floccis brunneis, septatis, ramosis, asperatis, 3-4 p. cr.: sporulis fusoides, hyalinis, 10-13 X 1-2 p.*

b. *floccis erectis, brunneis septatis, sporulis acrogenis, brunneis, 2-3 septatis, ovatis, cellulis termin. hyalinis, 13-17 X 9-10 p*

6 = 5 b ? var. ?

7. *pycnidiis erumpentibus, in collum longe attenuatis, (peridermio pustulato, arrecto); basidiis hyalinis, Sporulis ellipticis, oblongis, hyalinis, 10-12 X 3 p*

8 = *Fusarium episphaericum?*

11. *sporulis filiformibus, rectis curvatisve, hyalinis, 50-70 X 1-2 p*

12 *Phoma videtur. pycnidiis nigris, minutis: sporulis, ellipticis, hyalinis, 6x2-3 p*

13 *asci invisi: basidiis hyalinis, septatis, sporulis hyalinis, deinde brunneis, 3 septatis, constrictis, 10-12 x 5-6 p.*

14. *floccis brunneis septatis, 3-4 p. cr.: sporis uniseptatis, conjunctis, ellipticis, brunneis, 9-13 x 3-4 p.*

15 a. *pycnidiis(?) rubris; basidiis (floccis?) longis, hyalinis, simpl. ramosisve; sporulis acrogenis, uniseptatis, cellulis inaeq., hyalinis, 15x7 p*

b. *pycnidiis nigris; sporulis brunneis, continuis, ellipticis, 6x10-*

19. sporulis brunneis, ellipticis, uniseptatis, rotundatis, 20-23 x 10-12 μ .

Diplodia hortensis var *Jackmanni* Sacc. et Fair.?

20 sporulis continuis, brunneis, ellipticis, rotundatis, deinde uniseptatis, 23-27 x 10 μ

Sp. n. *Diplodiae*?

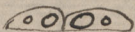
21. In funiculo. Olivaceis fuligineisve; sporulis olivaceis, ellipticis, 7x 11 μ ; floccis brunneis, simpl. ramosisve, spinosis, septatis, 6 μ cr.

22 pycnidiis setosis. (setae acutae, brunneis); sporulis ellipticis, oblongis, truncatis, hyalinis, 9 μ pur. (spur. uniseptatis?) 12-17 x 4 μ

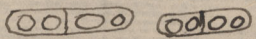
24. pyc/erumpent.; sporulis, hyalinis, oblongo-fusoides, 10-12 x 3-4 μ

16. aecyulis periostiolatis; floccis hyalinis, rectis, 100-125 μ ; conidiis hyalinis, continuis, ellipticis, 4-6x2 μ , acrogenis, Botrytis?

27 a & B.

Peritheciis depressis, scutellatis, rotundatis seu oblongis, ostiolo centrali, rotundato, pertuso praeditis, minutis, nigris, sparsis, gregariisve, 170 - 200 X 140 - 170 μ : ascis breve stipitatis, cylindraceis vel clavatis, rectis curvulisve, apice rotundatis, octosporis, 40 X 6-7 μ : sporidiis biseriatis, fusoideis, brunneis, uniseptatis et constrictis, 15-18 X 4.5 - 5 μ .   a

b. *pycnidiis depressis ostiolo centrali praeditis; conidiis uniseptatis, non constrictis, rotundatis, oblongis, cylindraceis, brunneis, nucleolatis, 10 x 3-4 μ*

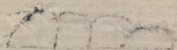
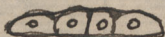
Remarks: each half of the sporidia has two large nuclei, the largest nuclei are situated next to the septa, the sporidia are at times acute, at times rounded at the ends, and they are at times unequally divide, i.e. with lower cell smaller.  b

Mouth (Ostiolum) round, shining translucent, hyaline in the center, then yellow shading into brown at the periphery ostiolum 23-27 μ diam.

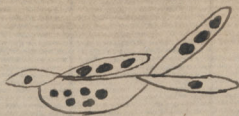
The sporules of forma B are in the almost exact shape of a gelatine capsule "gelatino-capsuliformis".

Est "a" *Seynesia*?

28. *ascis paraphysatis, cylindraceis, breve stipitatis 115 - 135 X 18 μ ; sporidiis, hyalinis, fusoideis, biseriatis 3-septatis (demum 5-septatis?) nucleolatis, in medio constrictis, 40 x 10 μ*



29. *Leptospora*?



Peritheciis erumpentibus, fibrillis ligni cinctis.

30. *Leptospora.*

34 a & B

a. *sessilis, brunneis, v. cinereo-albida, disco albido v. cinereo, ascis cylindraceis 50 X 6-7 μ ; sporidiis hyalinis, cylindraceis fusoidesive, uniseriatis, continuis, guttulatis, 7-12 X 4-6 μ*

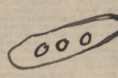
B *Hypho. floccis brunneis, sporulis brunneis, uniseptatis, 10x3-4 μ Dicoccum?*

a = *Tapesia v. Mollisia*?

Remarks. The cups are brown when overrun by the threads of the accompanying hyphomycete. If really seated on it as a tapesium or subiculum this would be *Tapesia*, nicht wahr? But the hypho may be accidental.

35

Cups a little lighter than the bark.

Sporidia hyaline  10 X 2 1/2 - 3 μ

Perhaps not fully developed