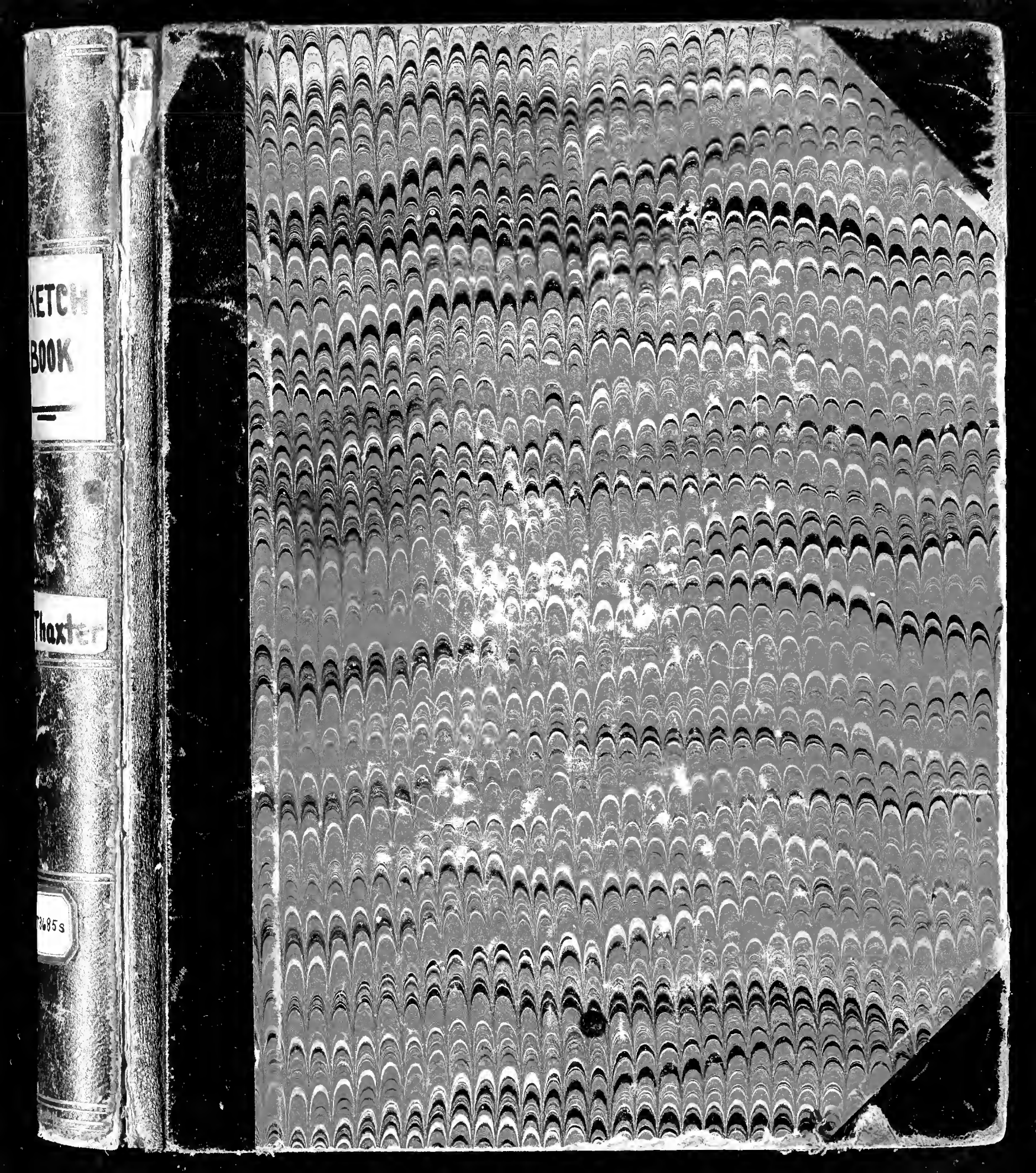
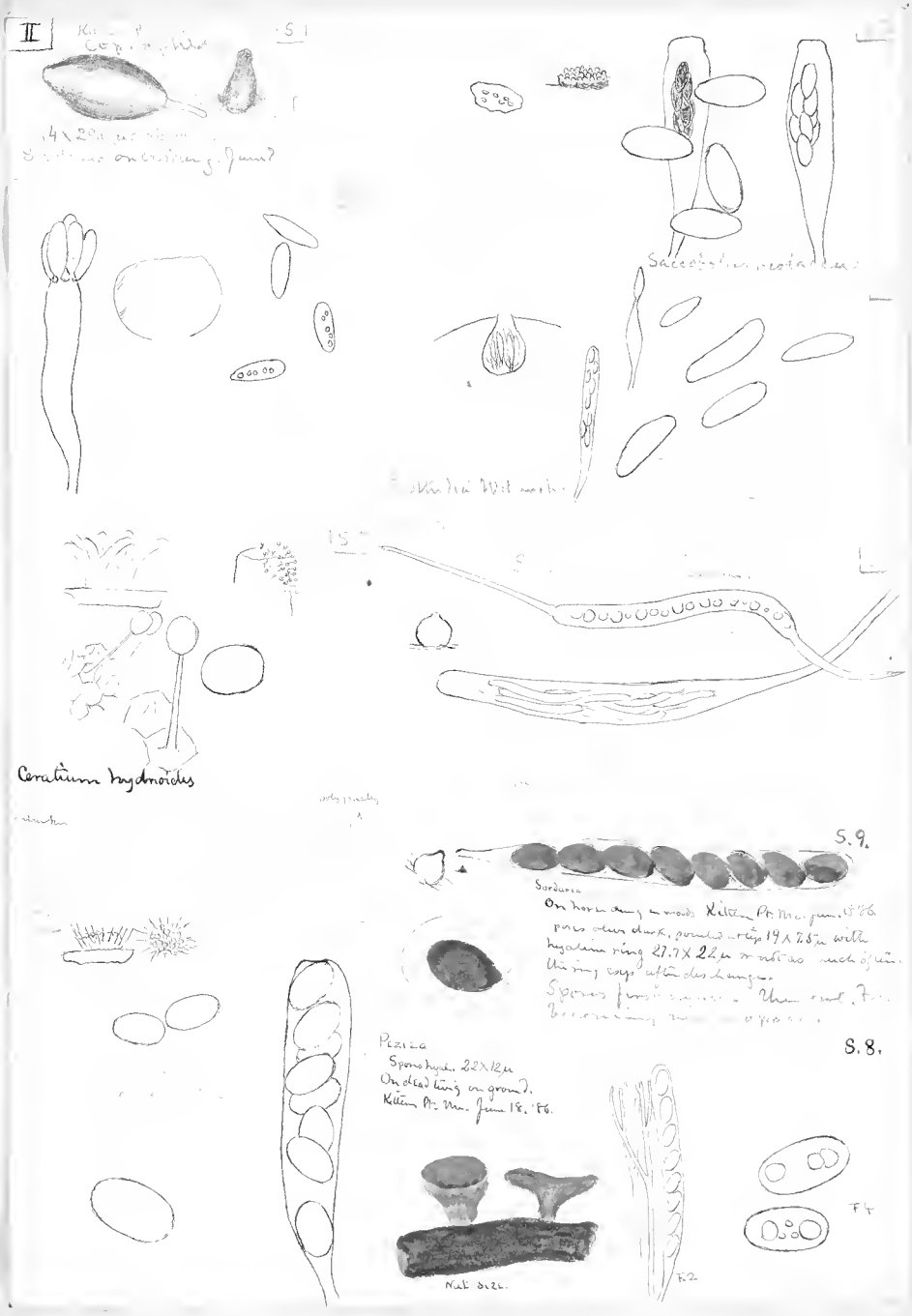
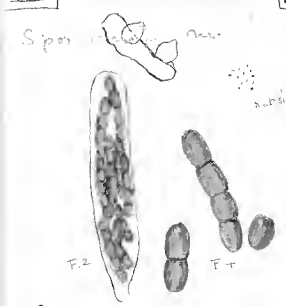

KETCH
BOOK
Thaxter
T3685s

Summer 1886.


II
Saccobolus
Ceratium hydnoides
S.9.
Sordaria
S.8.
Peziza
Nat Size.
F2
F1

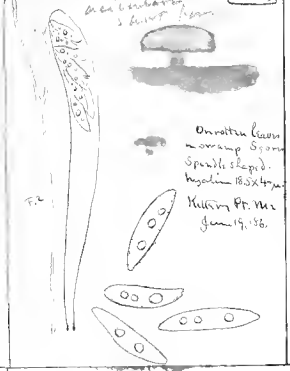
III

S.10.



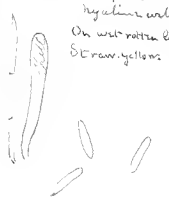
On cow dung, Kilton Pt. Mar. June 18. '86.
Spores dark 30 X 4.5 μ breaking into 4 segments 7.5 X 4.5 μ

S.11.



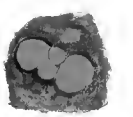
On rotten leaves in swamp. Spores Spindle shaped. hyaline 18.5 X 4 μ
Kilton Pt. Mar. June 19, '86.

S.12.

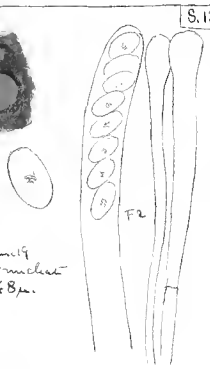


Spores rod like 2 X 7.4 μ hyaline with 1 or 2 globules
On wet rotten leaves as S.11.
Straw yellow gregarious.

S.13.

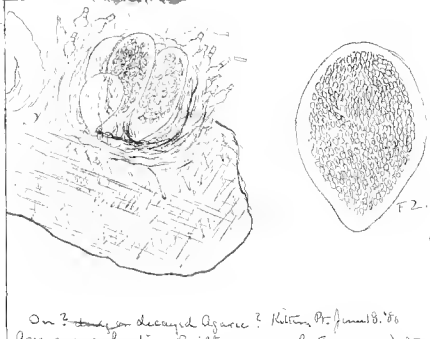


Nat. Size.



Peziza
on Cow dung June 19
Spores hyal. 1-nucleat
Asci 8, 15.5 μ X 8 μ.
Not fringed.

S.14.



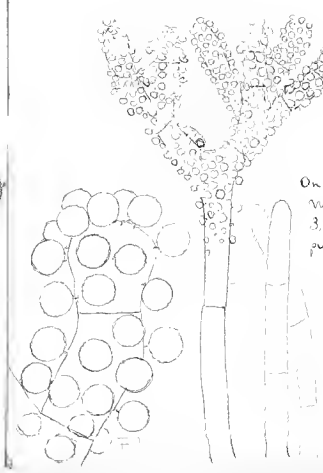
On ? ~~dung~~ on decayed Agaric ? Kilton Pt. June 18. '86
Ascospores 8 hyaline. Pezizaceæ open, fleshy, unmarked sometimes almost wholly. Ascospores 5 x 3 μ variable. Considerable Asci as in fig. from bulbous base 8 μ variable length and 8 μ broad. Material good and apparently mature.

S.15.

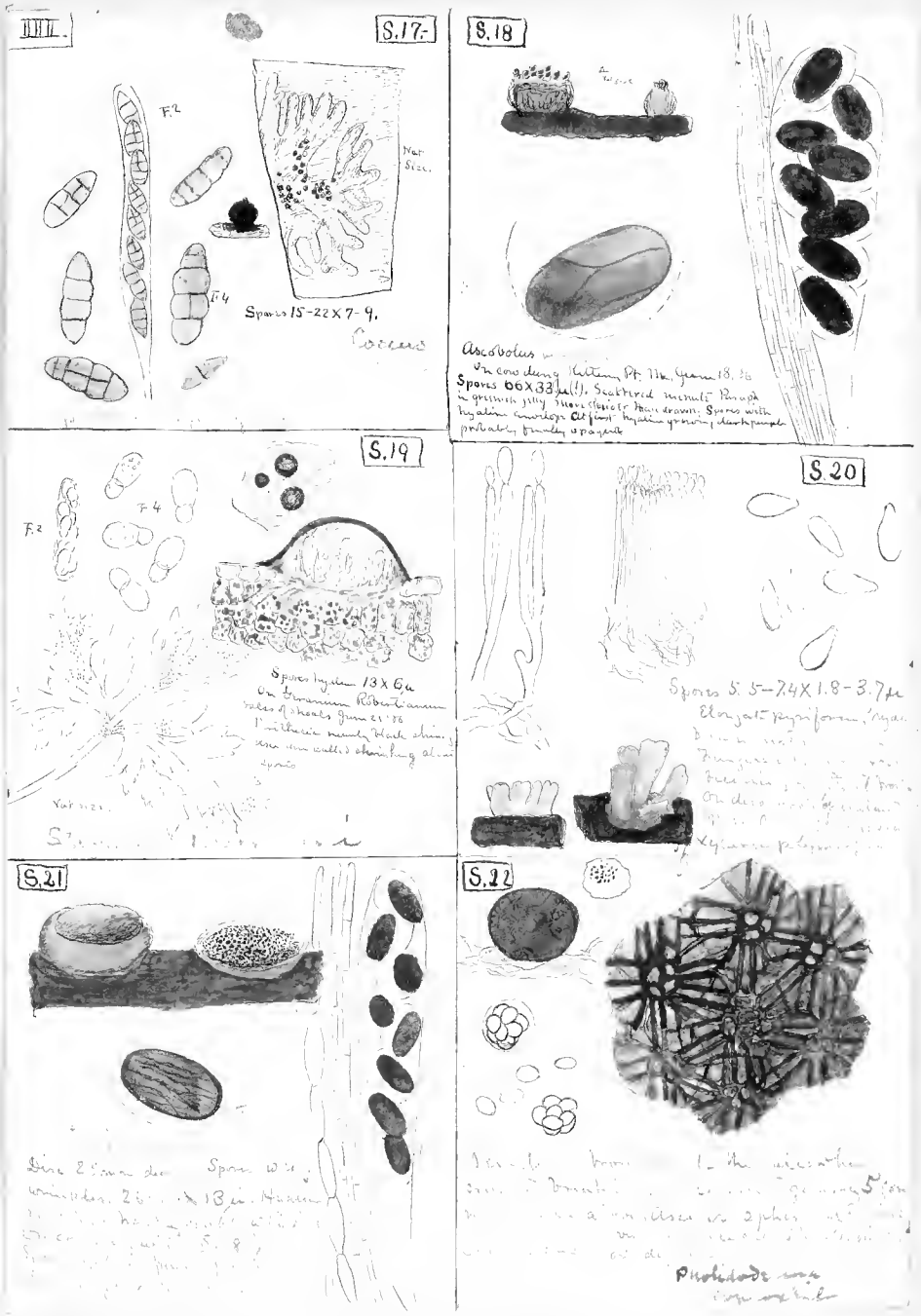
Spores 15–19 μ.
Sambuc – golden yellow.
Fruit on dead Boletus Kilton, Pt. Mar. June 18, '86.

Sepedonium chrysospermum.

S.16.



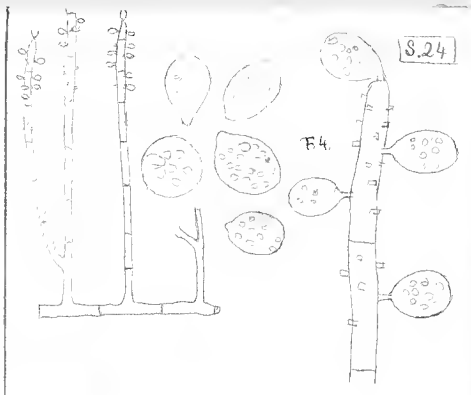
On Cow dung in plant wooded Kilton Pt Mar June 20 '86. Spores spherical 3.7 – 5.5 μ 2 coat – blush turning purplish brown.


III.
S.17.
F2
F4
Nat Size.
Spores 15-22 X 7-9.
Coccus
S.18
Ascobolus
Spores 66 X 33 μ(?). Scattered minute Pezizoid
S.19
F2
F4
Nat size.
S.20
Spores 5.5-7.4 X 1.8-3.7 μ
S.21
S.22
Phoma

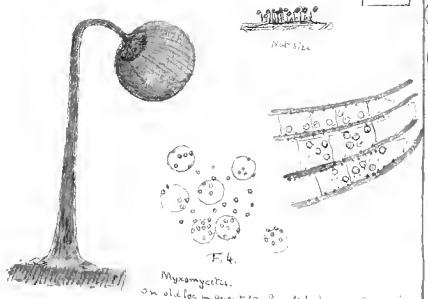
IV.

S. 23

S. 24



S. 25.



Myxomycetes.
on oleaster in quantity Purplish brown No capillitium
Spores spherical about 5-6μ with low separable granules
hyaline, opaque in certain light
Kellerman to Mr. Spruce 29.1886

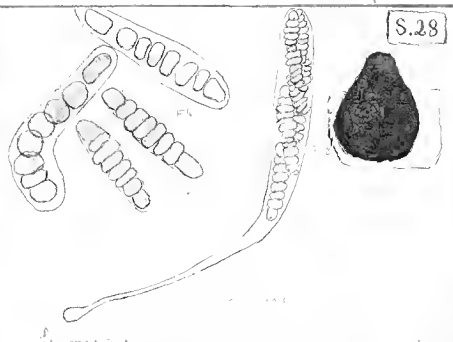
S. 26.

Polyporus on Rhus coriaria Kellerman Pk Jam 89
on trunk log Kellerman Pk Jam 89.
spores very variable in size and form 7-9 × 5-6 μ - pyriform
about oblong, pedicels at summit of ovate or pyriform cells
upper connective gelatinous persistent
Stereum ochraceo-flavum Berk. fide Massee

S.27.

On Mangifera Spiculata Jam '86.
Kellerman Pk Jm
Spores thick walled hyaline 37-18 × 14-8-25 μ.

S.28



V

S.29.

Orange-orange tufts on rotten log
hyphae much branched septate as in
fig. Bearing orange spores of somewhat
var according to material but not 166 µX
66 µ (!) on hyphae - spot cotton and many
indications of a stipitate in the many part.

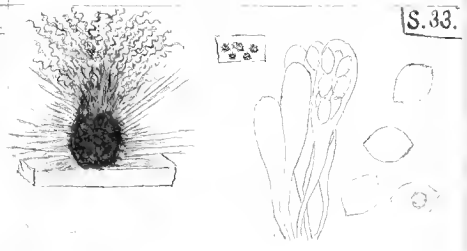
Wet slip.

S.30.

Section

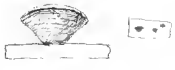
S.32.

S.33.



Cultures on pine wood, grayish-olive ...
spores pointed ... brown warted ...
many spores ... 7.5-12 µ
X 7-9 µ ...

S.34. S.35.



Spores about 30 µ long, but ... with hyphae ...
on ... Vaccinium ... spores ...
July.

Sphaeoderma nebulosum

July ...

VI

S.38

S.39

S.40

S.41.

Spores 11 D – 150 X 4 – 6 μ
usually 15 septate brown, in moss
July 25 1886 Kelling Pt. Me. Hussuck

Sporoglossum

"Helotium" viride

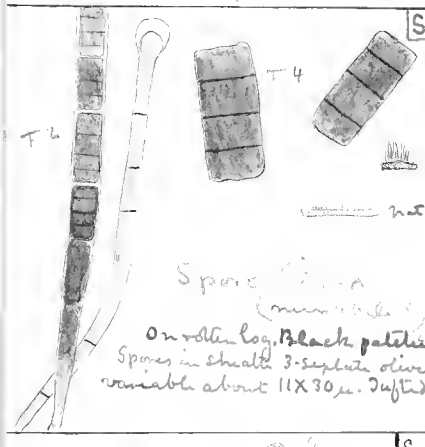
Spores 15-22 μ X 7-10 μ

S.42.

S.43

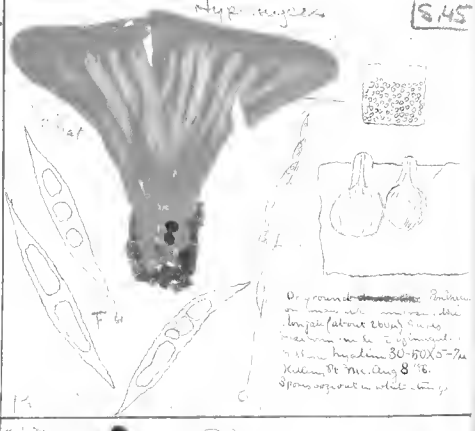
Cultivation on sheep's dung. Spores round to
long-elliptic 3–4 × 2–2·5 –8 µ hyaline. Heads
[illegible] varying hyaline at base.

S.44.



On rotten log. Black patches
Spores in sheath 3-septate olive
variable about 11 × 30 µ. Tufts

S.45



S.46

Leotia lubrica

S.47

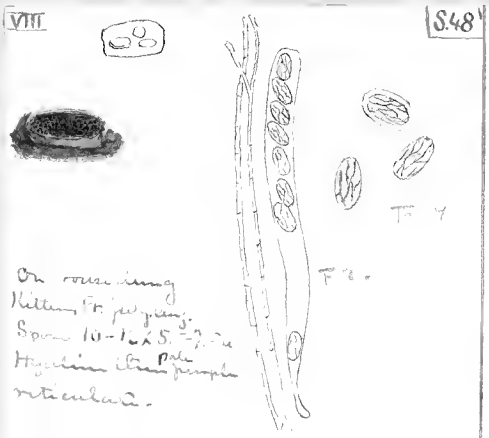
Glabrous

Geoglossum glabrum

Autumn 1880.

VIII

S.48



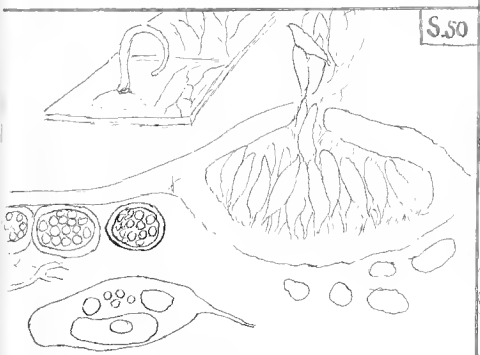
On rotting
Rotting Fr. fuscopurp.
Spores 10–12 × 5–7 μ
Hyphae thin pale purple
reticulate.

Ascobolus

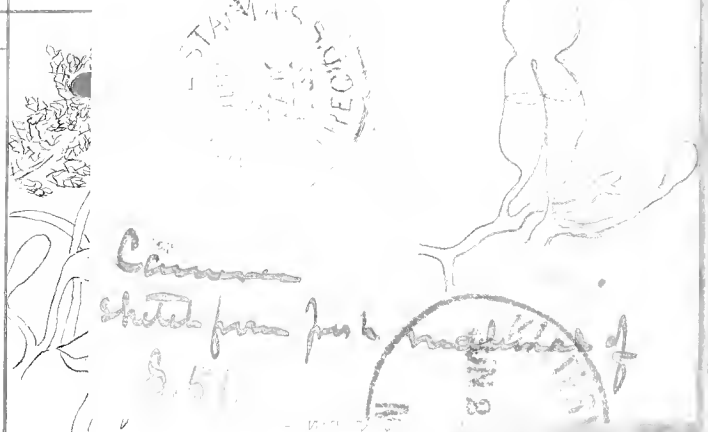
S.49.

On dung. Coprin. ephem. Pers. angio.
Spores 12 × 8 2 nucleate elliptical
11.5–11 × 3.5–5.5 μ

S.50

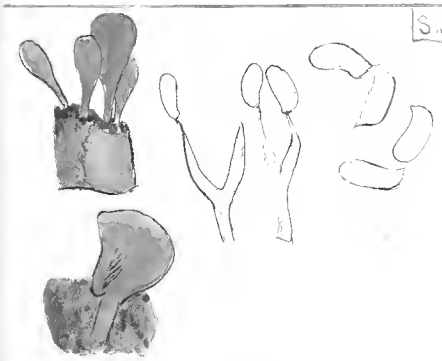


On various feces dung. Rotting Fr.



Cannon
Sketch from fresh material of
S.51

S.52



Guepinia spathularia-
(America)

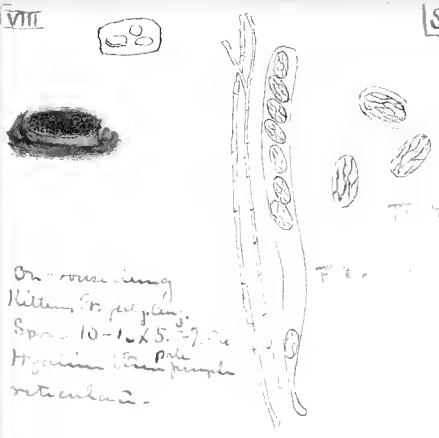
S.53.

Peziza

Autumn 1885.

VIII

S.48



On rotting twig
Kitten Pr. pel plang.
Spor. 10–12 × 5.–7.5 μ
Hyaline (then pale purple
nucleate.

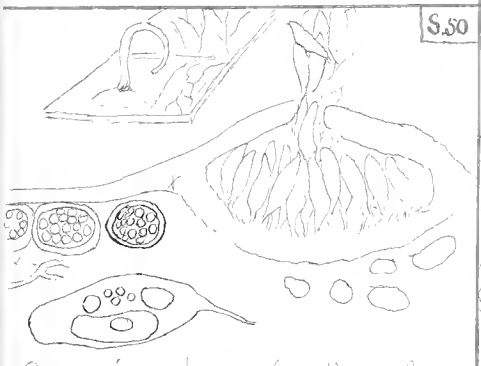
Ascobolus

S.49.

On rotting twig. Kitten Pr. Aug 10.
Spor. 1-2 guttulate (optical)
11.5–14 × 3.5–5.5 μ

Nucleate when fresh

S.50



On Suillus flavus Aug. Kitten Pr.

S.51

S.52

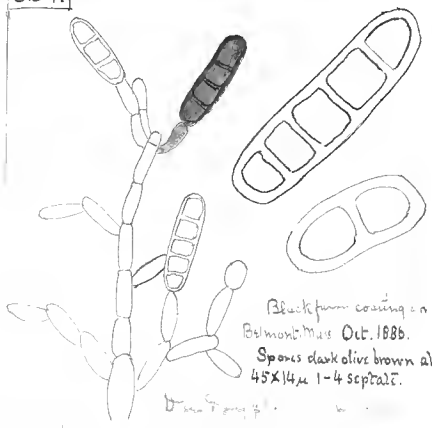
Gnopinia Spathulana -
(America)

S.53.

Rezym

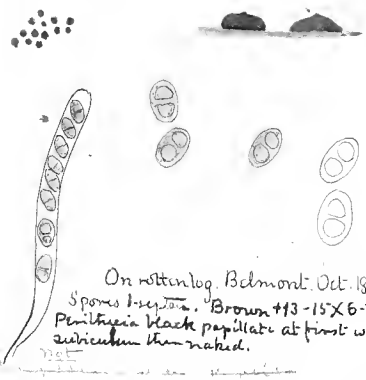
IX.

S.54.

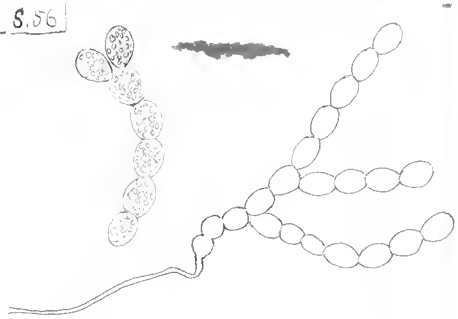


Black fungus coating a log.
Belmont Mass Oct. 1886.
Spores dark olive brown about
45X14μ 1-4 septate.

S.55. S.56

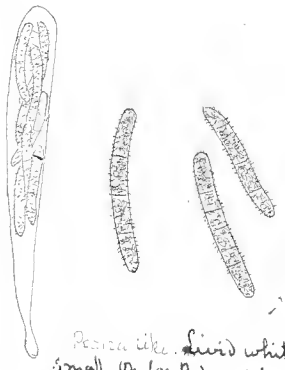


On rotten log Belmont. Oct. 1886
Spores 1-septate. Brown 13-15X6-7μ
Penitrecia black papillate at first w. woolly
reticulum then naked.



Hypsilophora fragiformis.

S.57.



Calycia

Pezica like. Livid white to greyish
Small gregarious
Spores 1-septate very granular colorless Echinulate
On log Belmont Mass Oct. '86

S.59. Myrtilinium Karstenii.

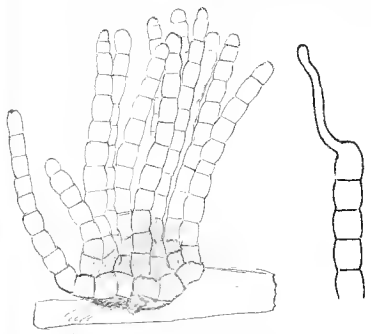
Perithecia shell like, black; on Pine stump Kittery Pt. Me. Nov. 6, '86.
Spores 3-5 septate olive brown fusiform.
40-50 μ × 3-6 μ.

S.60. Monotospora setosa B. & C. X

Growing at base of conid.
Bulgaria Sarcoides. Belmont.
Oct '86. Spores 20×28-32 μ.

The B. & C. specimen has spores slightly more triangular pear shaped.
Nearly opaque.

S.61.



Speira Toruloides. Corda.
On dead wood. Kittery Pt. Me. Nov. 1886. Olive brown
Dr F's specimens slightly smaller

Podospora minuta var. tetraspora.

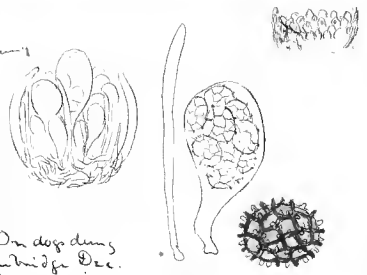
Spores oval 7-9 μ × 4-5 μ hyal.
Asci pregamous [illegible] on decaying wood Dec.

Spores hyal oval 7 × 4 μ asci very many in a perithecium 11 × 8.5 μ 8-spored. on dead decaying wood Dec.
Perithecia roundish flattened dark-brown

Written 1886-7.

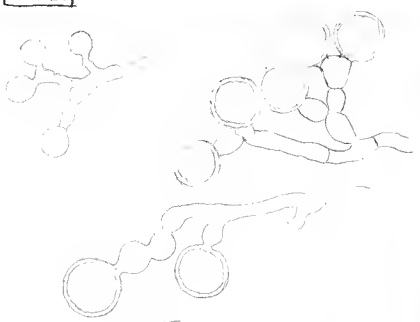
XI

S.65



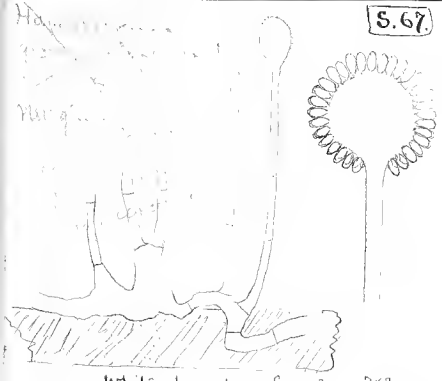
On dog dung
Cambridge Dec.
reddish coating
Spores reticulate brown
15X11μ – 18X13μ

S.66.



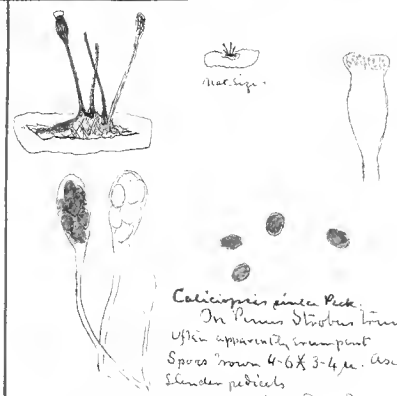
White tufts on ~~dogs~~ cats dung Spores thick-walled hyaline Sphenical. 15 20μ diam.

S.67.



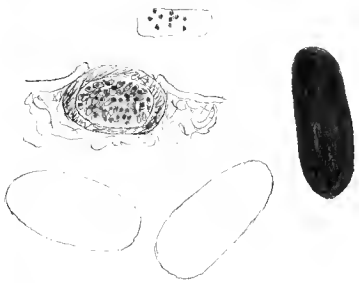
White on horse dung. Spores hyal 7X3μ
Mycelium immg. Stipitate

S.68.



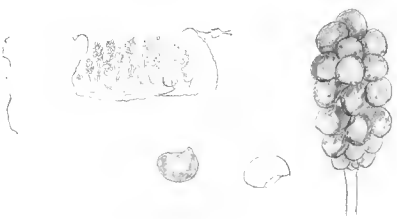
Calicium pinea Pers.
On Pinus Strobus branches
Ostia apparently immersed
Spores brown 4-6X3-4μ. Asci on long slender pedicels
Kittery Pt. Me. Dec. 31.

S.69.



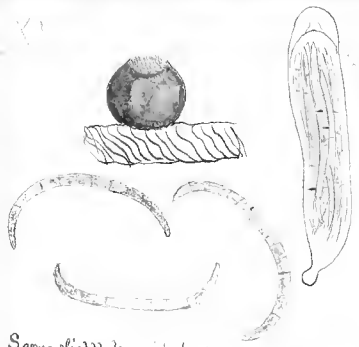
Sphaeropsis
On pinus strobus bracking thro bark
Spores apparently not in asci 60-75X 15μ
chestnut brown. Kittery Pt Me. Dec. 31.

S. 70



Immersed (not carbonaceous?)
On Pinus Strobus Kittery Pt Me. Dec 31. '86
Spores about 35X15μ brown "Sporules" slightly beaked about 8X5μ.

S.71.

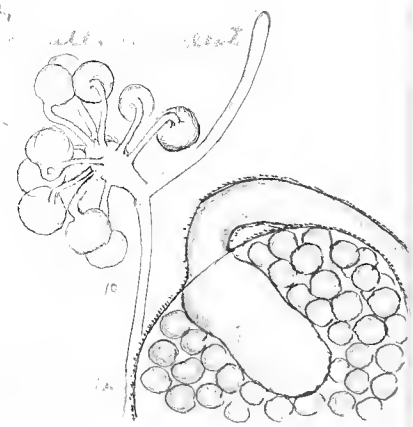


Spores slightly brownish 40-45 × 3-4 μ 15-9 septate granular
Host a Perithecia with large mouth almost like a Discomycete
gregarious dirty yellowish on all bagging wrapt round
a tree Fir. & N. Cambridge.

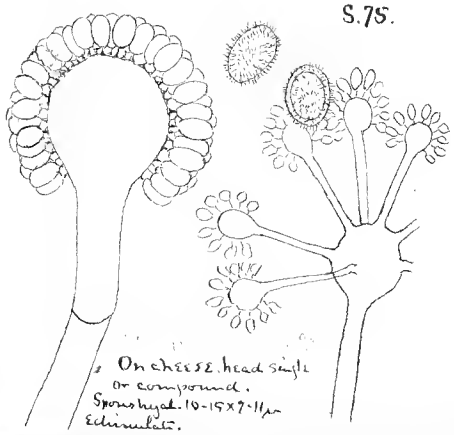
S.72

Spores 8-11 × 5-6 μ dark brown.
Perithecia [illegible] Asci. Paraphyses simple thin.
on RESIN. Kittery Pt. Mass Dec 25th
Pinus Strobus.

S.74.

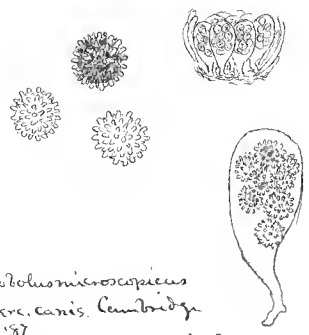


S.75.



On cheese head single
or compound.
Spores hyal. 10-15 × 7-11 μ
echinulate.

S.76

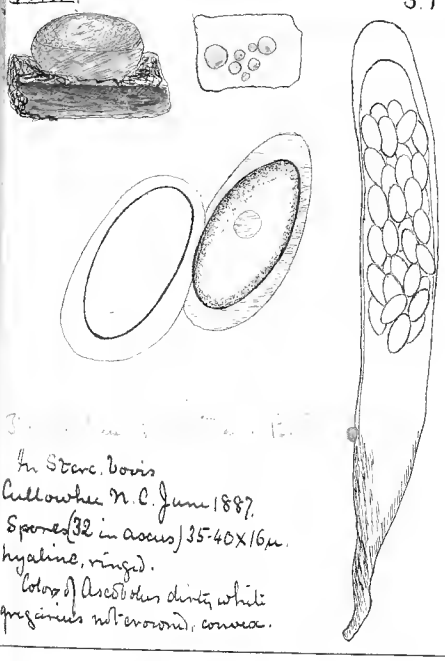


Ascobolus microscopicus
on Stere. canis. Cambridge
Feb. '87.
Spores nearly round reddish brown
10-12 μ.
Avarity of S.65. (Intergrades!)

June - July 1887

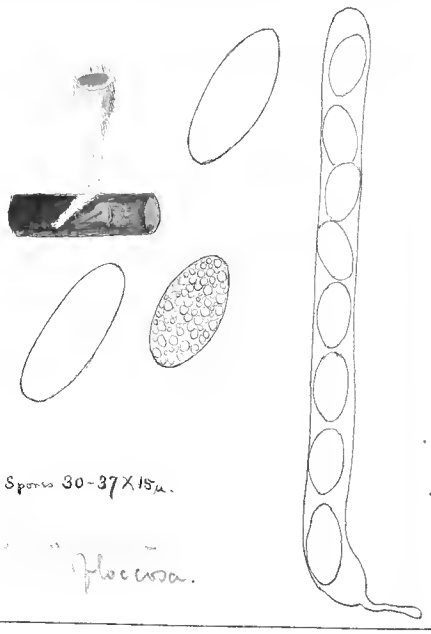
XIII.

S.77



In Stare. bois
Cullowhee N.C. June 1887.
Spores (32 in ascus) 35-40 X 16 μ.
hyaline, ringed.
Colour of Ascobolus dirty white
gregarious not erumpent, convex.

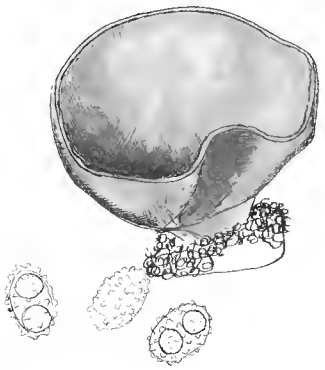
S.78



Spores 30-37 X 15 μ.

" flaccosa.

S.79.



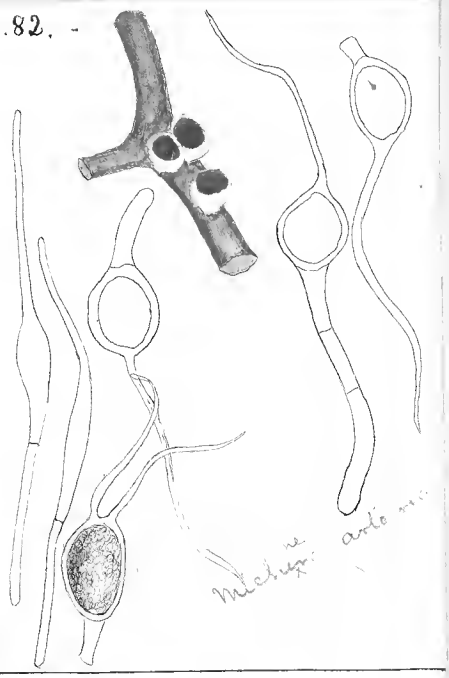
S.80.

July 1867

XIV.

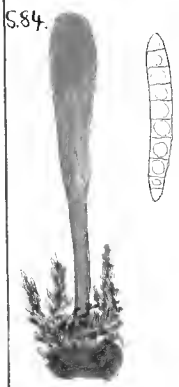
S.81.

S.82. -



S.83

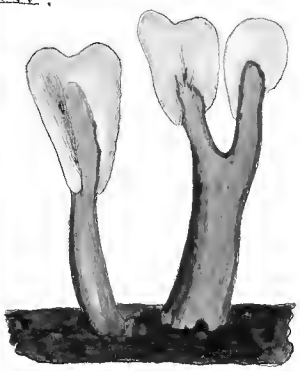
S.84.



July 1887.

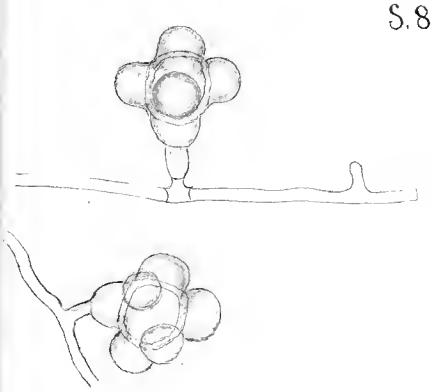
XV.

S.85.



S.86.

S.87.

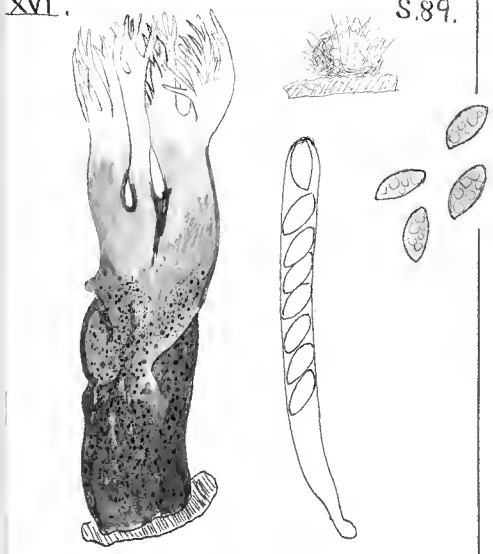


S.88.

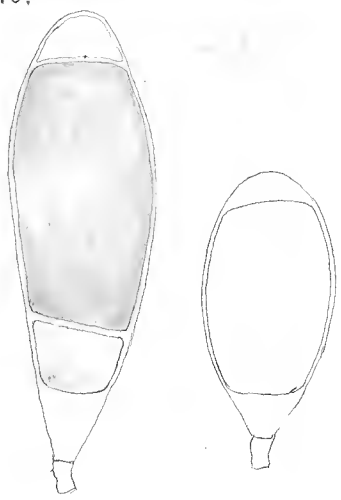
August 1887.

XVI.

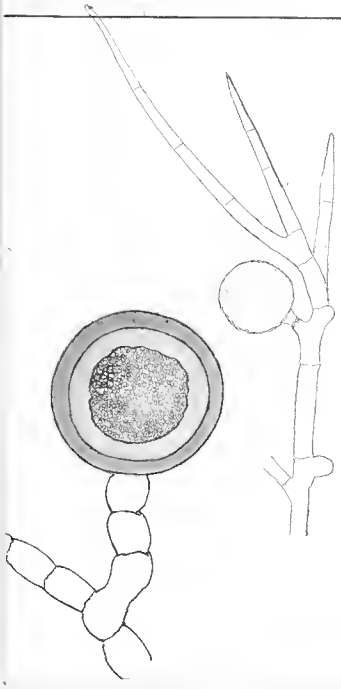
S.89.



S.90.



S.91.



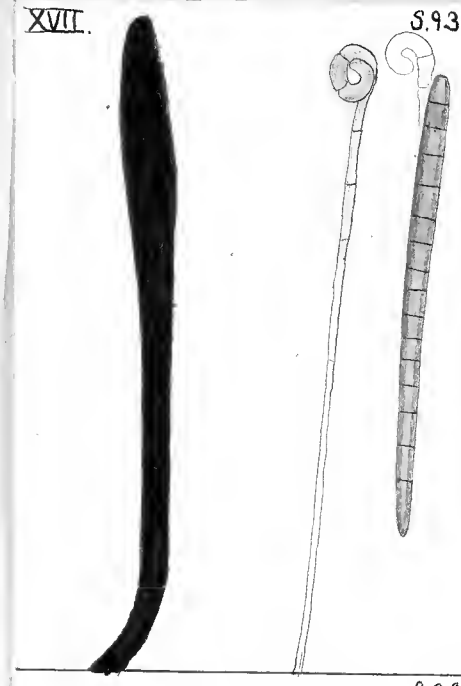
S.92.

ascospores about as in preceding

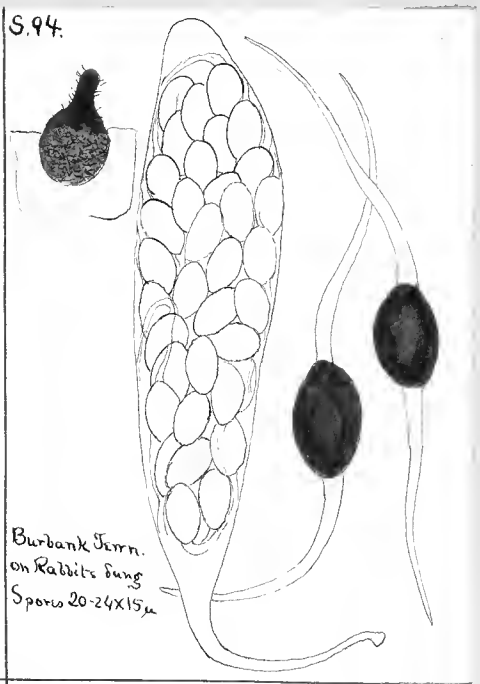
Aug. 1887.

XVII.

S.93.



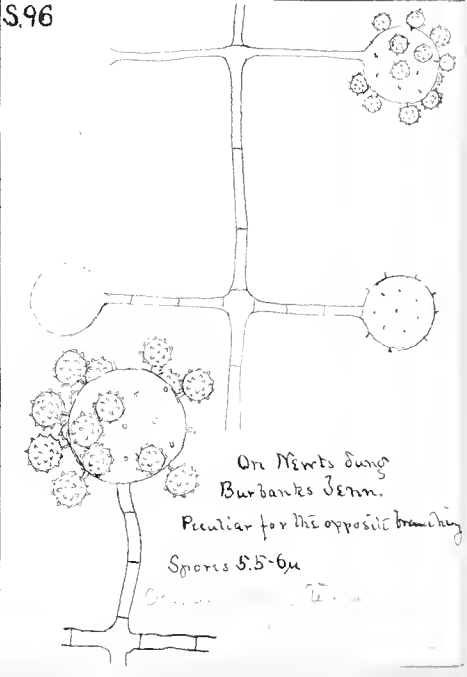
S.94.



Burbank Jenn.
on Rabbits dung
Spores 20-24X15μ

S.95

S.96



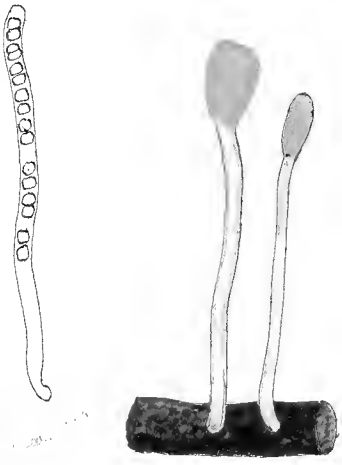
On Newts dung
Burbanks Jenn.
Peculiar for the opposite branching
Spores 5.5-6μ

Hyg. nr. 168

XVIII.

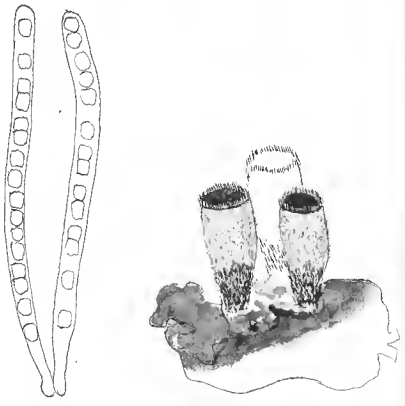
S.97

S.98



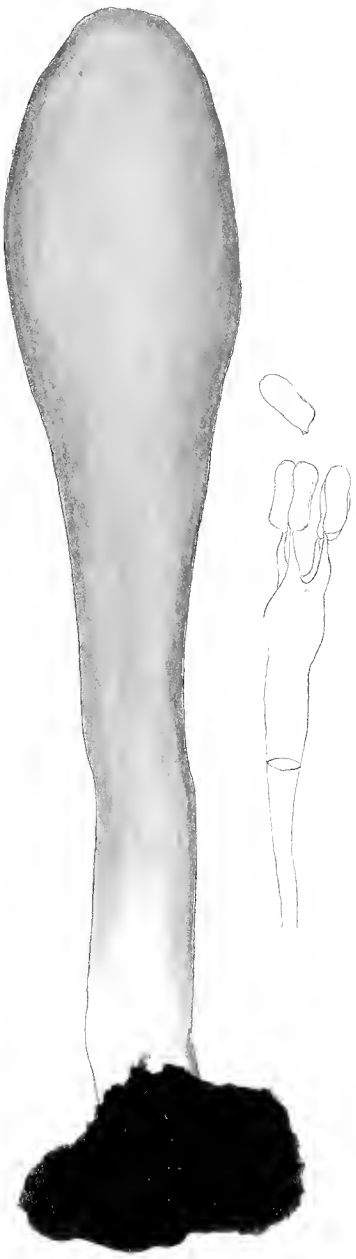
S.98.

S.99.

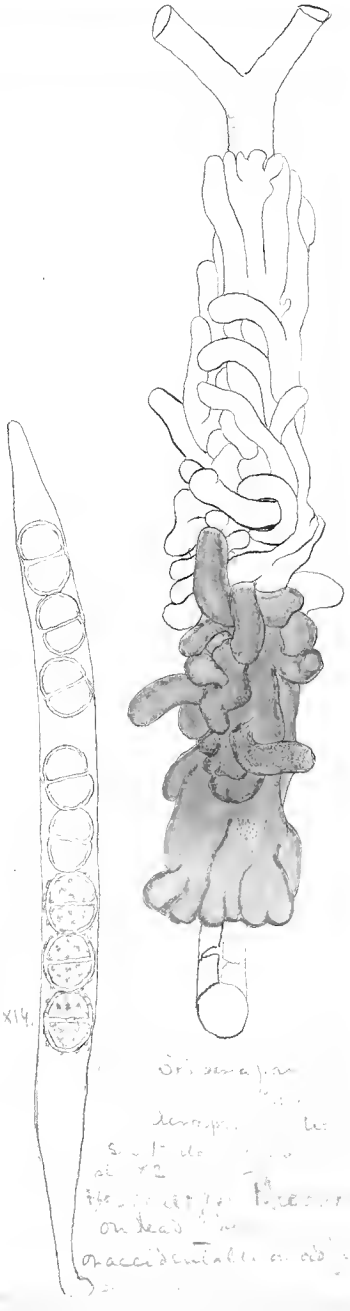


XIX.

S.100



S.101



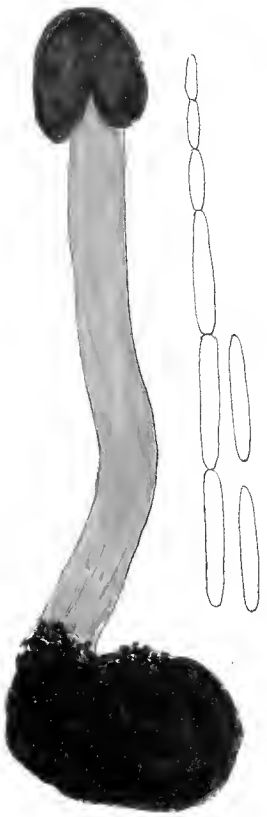
Aug. - 1881

XX.

S 102.

S.103

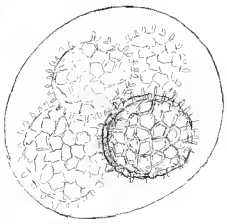
C. capitata



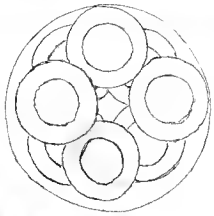
Aug. - Sept. 1887.

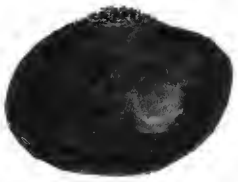
XXI.

S.104.



S.105.

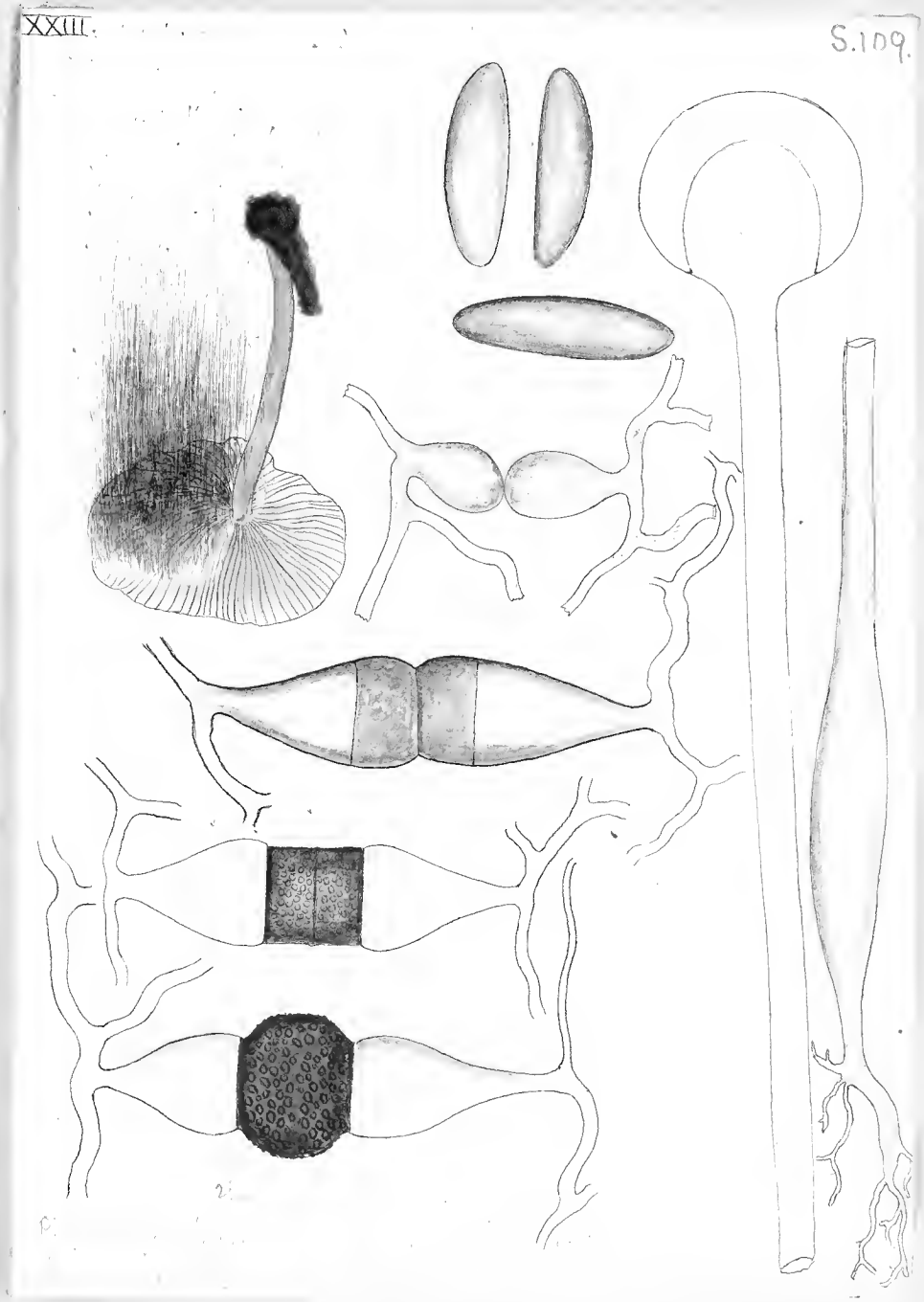


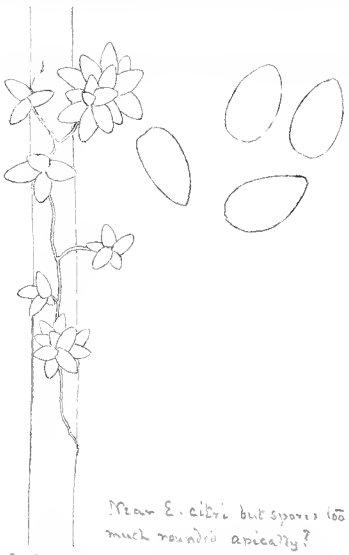


Elaphomyces

S.106.

S.107.



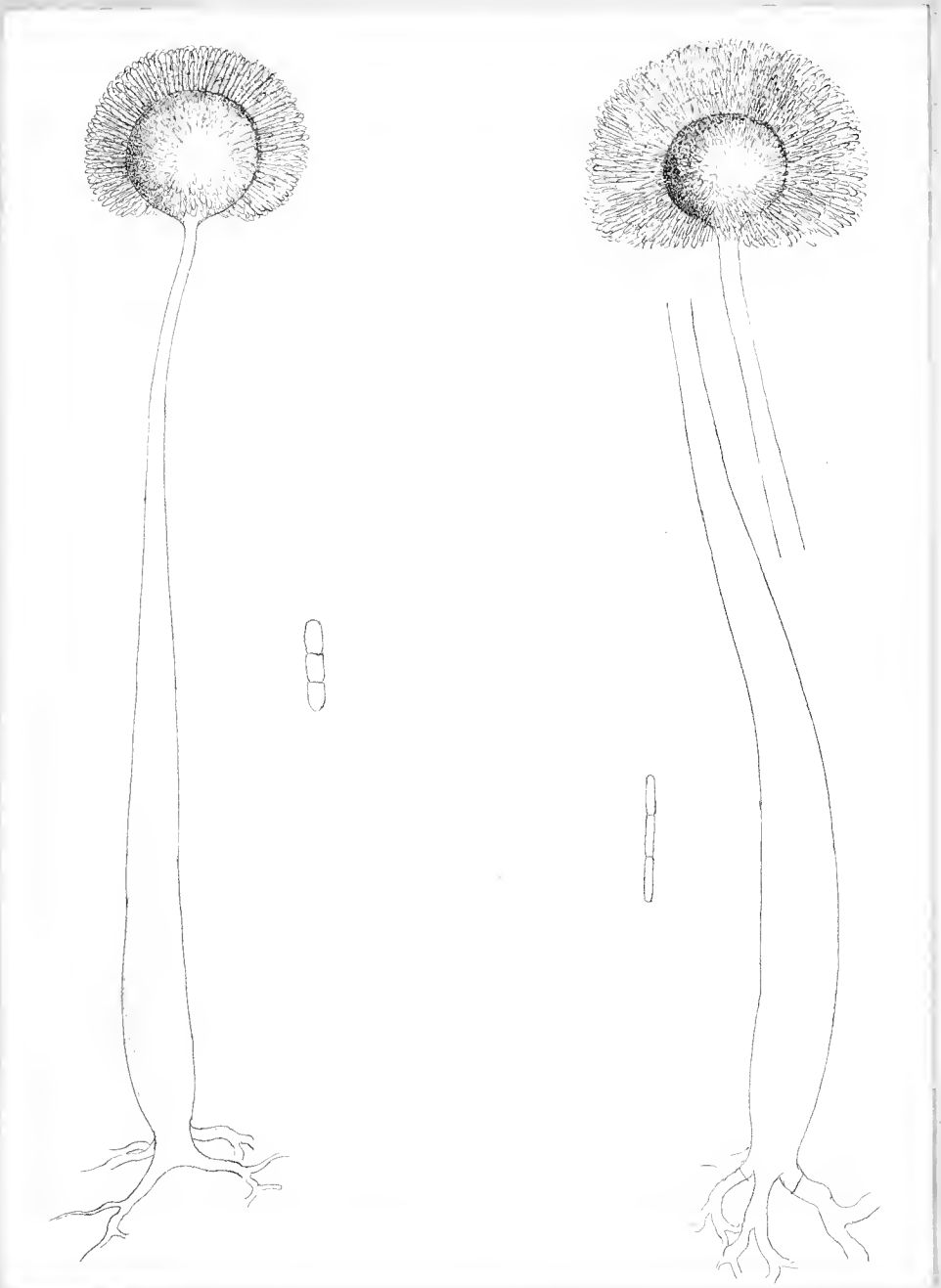


Near E. ciliata but spores less much rounded apically?

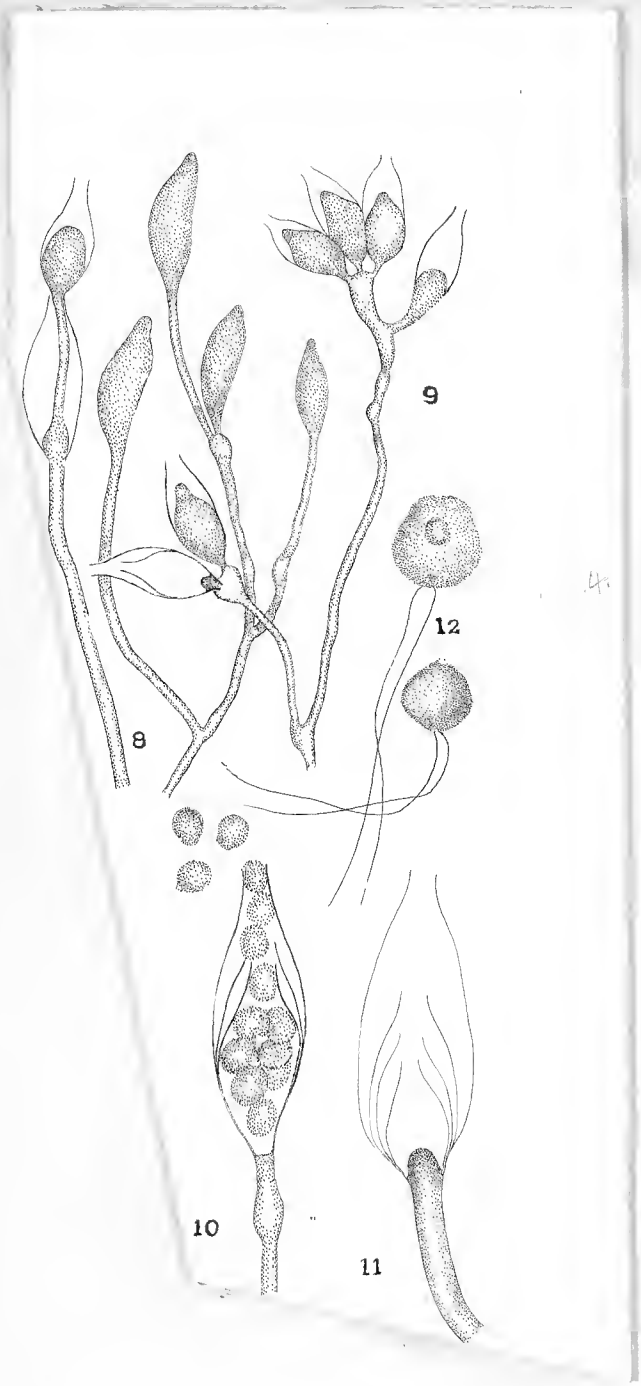
Echinobotryum

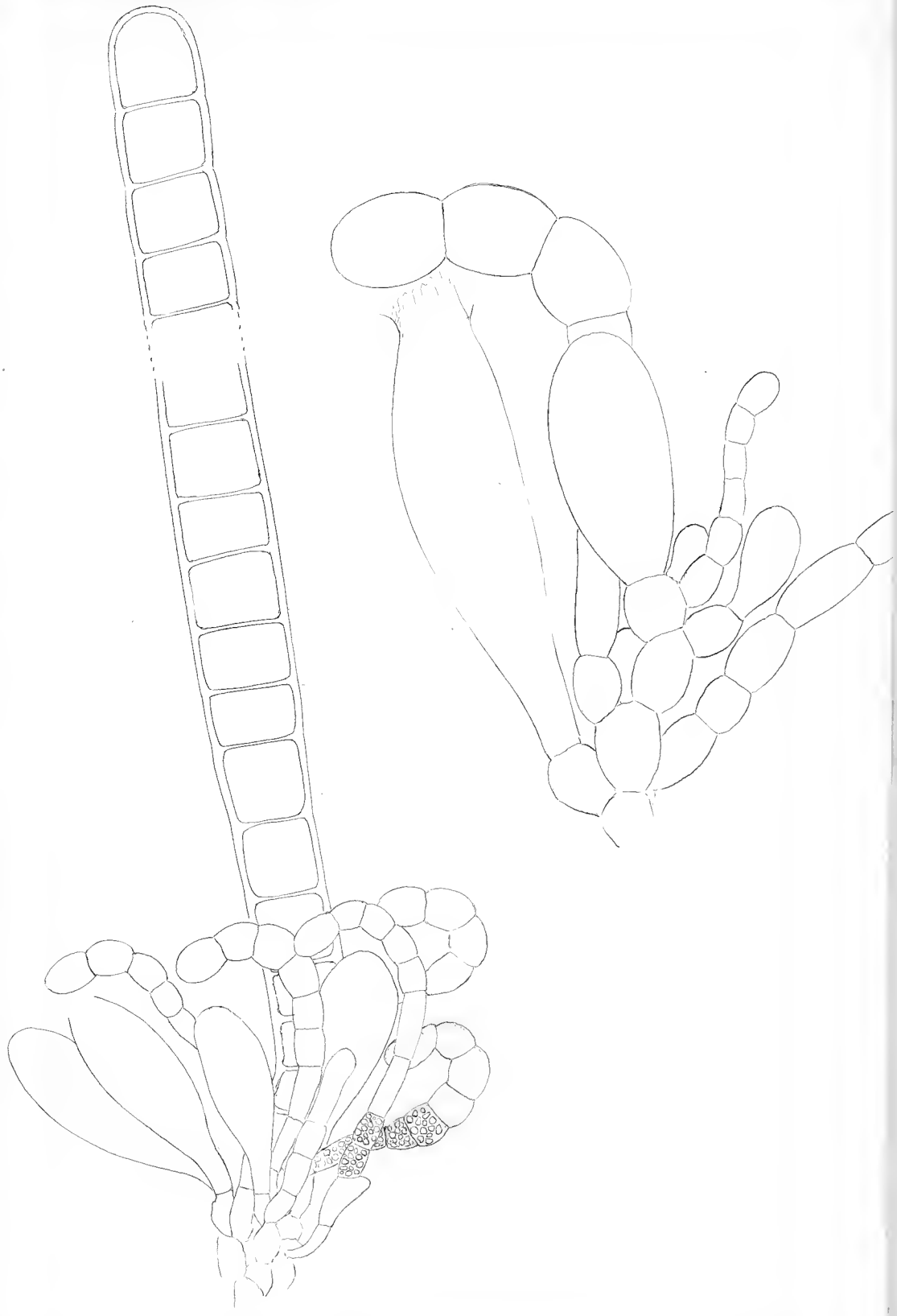
Dec. 1888

Growing wood on Mucors on Stere. canis. New Haven. Com

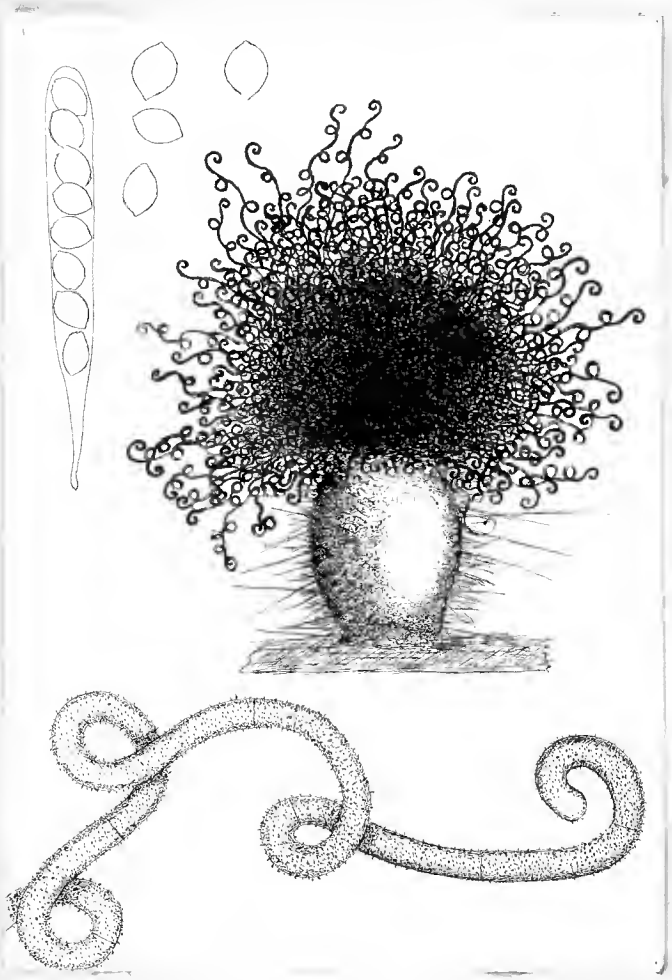


Peziz - aurelia

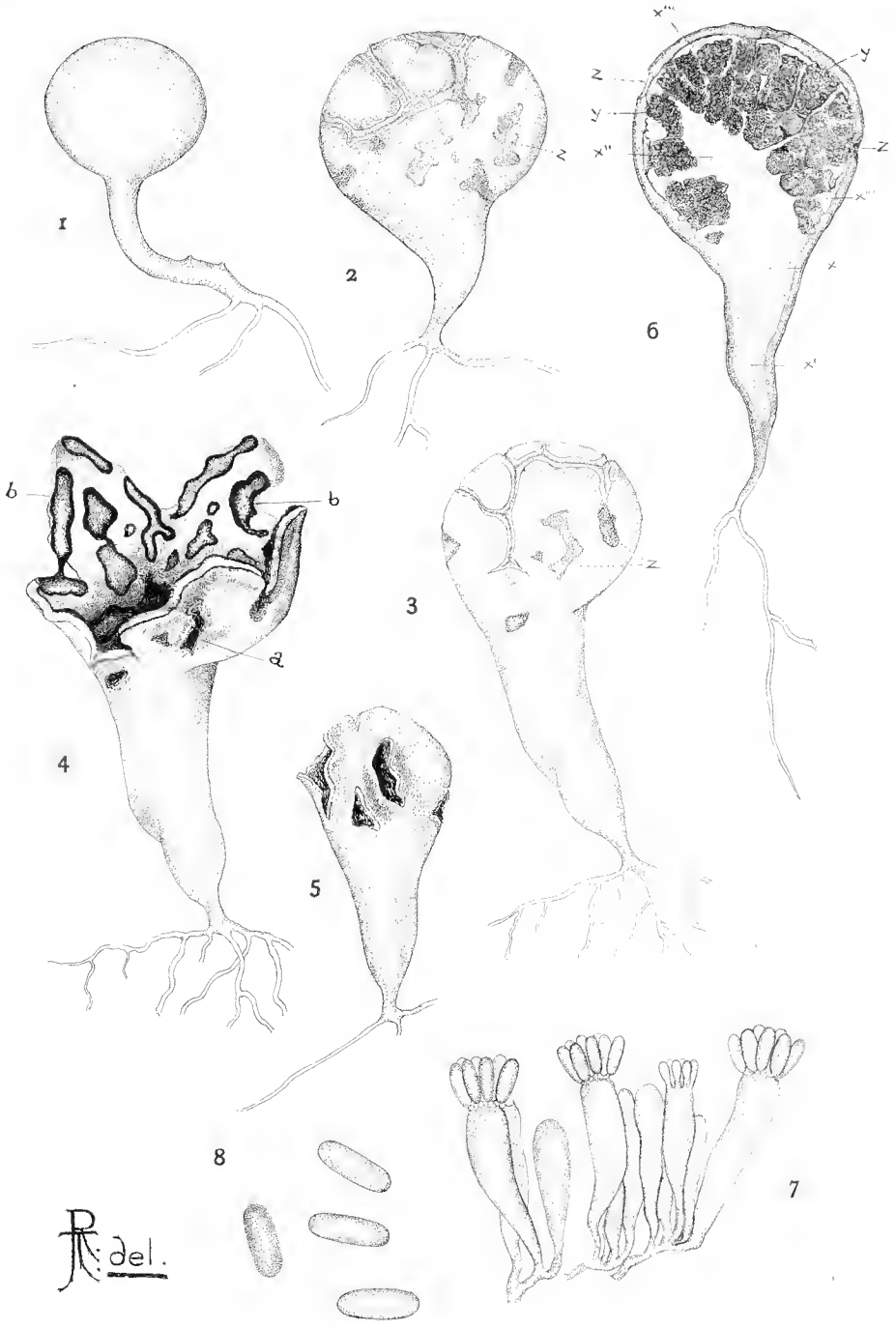

9
12
8
10
11



Elachista



Phallogaster saccatus Morgan



Reduce to 4½ in.

1806 - 4/5

This plate is published in Bot. Gaz. 18, pl. 9.

canidus
palidus
Balaclostichus grisea


Cambia