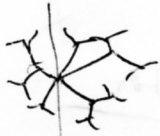


15.11

19.11 "Helicostylum / Chaetochytrium"

Sup apical branching

system & apical 'seta' - no sporangium.



Sporangia 9-11 spherical, appear to be 3 spored, but not yet clearly delimited. no setae from sporangial branchlets

Thamnidium elegans ✓

Coniochaeta ellipsoid to slightly 8-sided spores
9-10 x 6.5-8 x 4.5

setae short & not abundant < 25 long

Asci 110 x 10.

Leucophaea ? ✓

24.11

P. Procephalus

anastomosing

dry, brown short sporophores
some heads

2-spored, 8-spored monophragma

Uptonia ✓

Thamnidium ✓

29.11

- lots of Chaetochytrium or 'Z. hyphomycetum'

8.12

Sporomixella

4ER

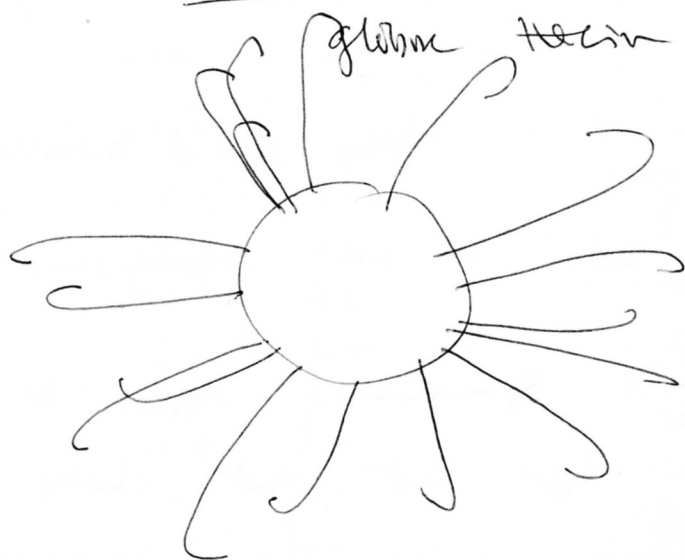
41-42 x 8

anastomosing ✓

Asci 140-150 x 22

18.12

Herminia ?



(60 Qm)

circumflex hairs up to 240
x 6-7 at base. asperate

spines 4.5 x 3.5

ellipsoid, greyish brown.

nitida

NO see 31.12.

Sp. 4 ER distinctly linked germ slits
deeply cinked at septa. 42-48 x 8



same linked

Asci slightly angled to a foot, but ± short-broad.

140-150 x 22-23.

also antake ? X

Schizothecium small seeded (v. like S. dolense)

or other species) 8-spined, uniseriate.

Spores slightly flattened on one side

16-19 x 9

(Same as ung. sp. looks as

if 16-celled but very far be overlapping - all

very dense - no sets of 16 whole spores seen)

cf vesticula X

Conocheila imma

26.12 Herminia nitida ✓

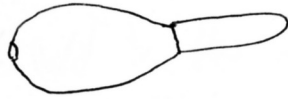
on paper, + on pellets

- like little mines!

Gynoceros resii ✓

Perithecia with fluorescent lime green hyphae and
 vert? Clavate 4-spored asci ca 50-65 ⁸⁰
 x 14

Spores 2-celled (black, 1 hyaline)



dark cell 16×8 } 28-29
 pedicel. $12-13 \times 3-4$ } x 8

no setae or appendages - in Ink. spread germ pres.

Asci filled with mass of white + imbed

asci Triptospora? Zopfiella taburata?

Schizothecium ✓ 8-sp, 81. asymmetr. 16×9
 uniseriate numerous but small scales
 at neck

Lasothium broad ellipsoid spores, bisseriate 16×12.5

Seize < 200, not neatly inflated at base laterally elongate Asci 26 diam Lasothiales ✓
 excipulum cells

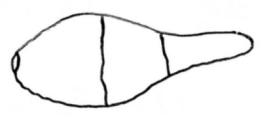
Sp. 40R ✓ linked g.s. $45-48 \times 8-9$

Herminia with 16-spored asci? Check in
NO - See 31.12 8' black + white

28.12 Superficial cleistothecia, black, associated with
 yellow green hyphae. ca 350 diam. Cleistothecial
 wall composed of 'radial' plaques :- 
 = cephalothecoid PTD

Asci clavate, when young, evanescent? - not seen with mature spores in.

Spores as before, but some with separate dark cell.



dark cell $17.5-19.5 \times 8$

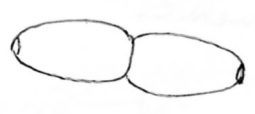
hyaline cell 11×4 , tends to collapse in fully pigmented spores

Spores Z. tabulara (HbM)

31.12

"Kewia" - not 16 spored, but

$8 \times$ 2-celled spores. $13-14.5 \times 3.5-4$
dark-smoky pigmented.



slightly paler at tip, germ pore

asci long stalked clavate unibonate? but

like Proserpa in shape



$40-50 \times 12-14$.

hooked setae $200-240 \times 7-8$,

sears at into a few basal plate. densely pigmented - too much to see if separate cell wall hyaline of spores

polyphagous cells



Can. leucoplaea ✓

Sporiumella ✓
 $39-49$ arthals?
lowly g. set

9.1.03 "Kernia"

165 - 205 μ m diam.

hooked Setae 230-270 long

$\times$ 2-celled spores
as before.

22.2 Zopfiella fabulata ✓

'hooked' Kernia ✓

Gymnascus neesii ✓
orange, asci pale
& diam. spore hyaline
ellipsoid 5×3.5

Dried 22.2, with hth present
? Z. & 'K'.

4 Chrostocera wanted $\rightarrow$ H₂O $\rightarrow$ PVP $\rightarrow$ J. Garro
7.3.03 160-180 μ m diam

leaves < 275 long.

Phaeobolium
cylindrosporum

difficult to get good material - needs re-growing.

3 var taken - 2 with purple asc., small
round spores 4.5-5 μ m brownish. 11-13 diam

overall diam 900
thick diam 260



= Kernia uvida. X1

He ater

smaller, with only 2-celled spores

as before



small diam 550
thick 240

= ?

See Can. J. Bot. 1972.50: 69

Phaeobolium

2.4 dried material.

Spores with a noticeable contraction at septum
- rounded cells over rather than cylindrical. 250

12.5 3.5

13.2 3.5

13.1 3.8

13.1 3.8

12.8 3.8

12.8 4.0

13.2 3.8

13.2 4.4

13.2 3.9

12.8 3.3

13.2 3.9

14.4 3.8

12.5-14.4 3.3-4.4

13.0 3.8

Setae to curve 160-175 x 6-7

↳ dark, but septum not

seen. Unusually of seta just

visible, so septum probably absent

No non-circinate setae (described
for P. cylindrospora)

Cannot detect any pattern of
peridial wall - too densely black

Spore size, and ascus size nearer
that of P. circinata than P. cylindrospora

Car 1456 11-15 x 4-4.8

Asci

35-45 x 15-18

Dalloch + Car 1

10-12 x 2.8-4.2

16-28 x 8-14

This material

12.5-14.5 x 3.3-4.4

Asci

40-50 x 12-14

[Should P. cylindrospora be a synonym of P. circinata?]