

pademelon O'Reillys, 28°14'0"S; 153°8'7"E 25.10.99 73/99
 Lamington, Qld

ill. 3.12

6.12 13.12 Tim Thelobolus < 125 diam (?)
 occipital of polygonal cells ca 8-10

ca 10 asci ca 60-50 x 25-20

prosp hyaline simple 1-2 Spores ca 30 x 16

spores hyaline ellipsoid - ca 5 x 3

ca 64 spores?

sp.

Pilobolus hyaline ellipsoid - w coral in mass
 or v. sl. yellow

sp 8-9 x 5

crystalline ✓

21.12 Ascobolus ✓ (large-spored renicose fungus as
 before in other samples. Spores 35.5-38.5 x 19-18



prosp hyaline 3

Sec Dasydium



Sordaria

18-19.5 x 12.5 food gel.

fungus ✓

rather apothecium. Spores not immediately renicose rather
 than renicose as above. 4.5-4.5 x 1.9

Asci 380-400 x 6.5



30.12

Saccobolus 3+3+2

Sum 38-45 x 15

asci 110 x 30
-130

spores grey purple, rough flaky
16 x 7-8

Sp. 4ER

asci

ca 100 x 20

29-35 x 6

hooking

minima

Ascobolus ✓

asci

ca 385 x 65

as 21.12

sp

385-42 x 16-17

7.1.00

[Verticillium cinnabarinus?]

Lothophanes canere ✓

sp

26 x 13

st fused

Sp. minima ✓

32-33-36 x 5-6

Saccobolus

white hyaline

3+3+2

Sum 42-45 x 17-19

spores very

rough flaky - dark grey, with cracks
complete so that white background shows

Hook - Nearest seen to beckii sp for

Sp 16-17 x 7-8



13.1

Sp. minima ✓

32-34 x 5

asci 110 x 20

canere ✓

21.1

Podospora

immersed globose perithecia

- see next p.

4-spored asci

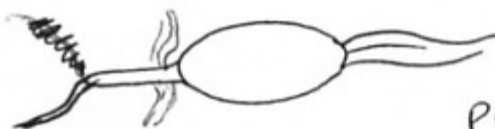
300 x 65 (inflated)

hook st. papillate

spores 39-42 x 22-21

~~the~~ setae of
hairs

Single
basal
app



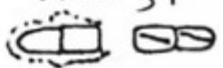
parviseta

ly 25 x 3

a few small
setae when
sawsted c60

Sp. UER 61-65 x 11. Ascii 220 + 30
 -67 tenetispora ✓
 Purple Asechans 38.5 + 18.5-20 ✓

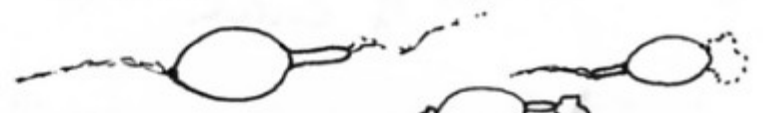
→ Podospira after penitencia superficial. PACKET

26.1 STD Todoplasma ✓. Spo. minima ✓ Walms, 32 x 6


Polygland Selose Podospira 16 x 10.5

Selose not densely fascicled* or aggregated -
 mostly single, up to 250 14 app 9-10 x 3

Ascii no apical structure, ca 300 x 70 when mature
 clavate, rather than saccate.
 128 spores?



24 app. either simple, extended, or apical blob

? Spore size curricolla, but Selose wrong, + ascus shape
 ascus + penitencia Selose (but no mg), but spores too large.

* penitencia on paper somewhat spikey,
 rather than evenly radiating

PACKET
SLIDE

30.1 Coprinus white hemispherical < 150.

S-sp asci 45 x 16

spores 9.5 x 6

Perithecia thick hyaline, st. complete to 3

graniformis ✓



3.2 Podospira - Poly gland AS above (26.1) 16 x 10 - 11
Sp. minima ✓ cf. Curricolla ✓

SLIDE

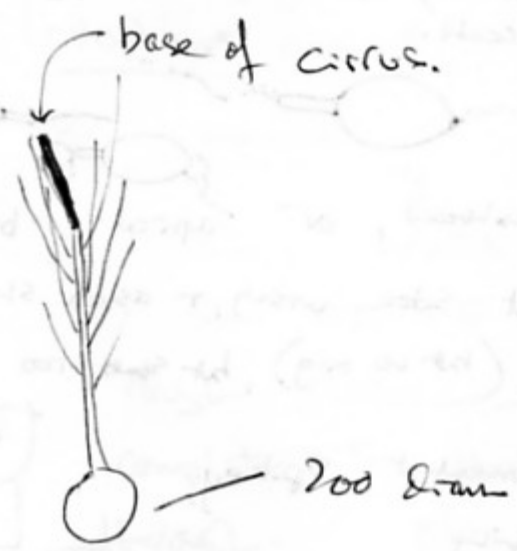
Extremely long Cilli of reddish-brown spores
 (several mm long) x 16 diam spores crescent-shaped PTD

~~the~~  4 x 2

individually hyaline, smooth.

Cirri very firm - difficult to break spores free in H₂O, but fragile - breaking into Sordaria

Originating from globose thecium, with very long black neck 400 long with black setae - septate, ca 220-250 x 3



Microascus longirostris

SLIDE

6.2 Microascus longirostris

Dried 6.2

- Ascobolus sp. 2
- Coprotus granuliformis
- Iodophanus carneus
- Saccobolus beckii
- Thelebolus sp.
- Microascus longirostris [s] ✓
- Podospora curvicolla [ps]
- Podospora pauciseta [p]
- Sordaria fimicola
- Sporormiella minima [s]
- Sporormiella teretispora
- Pilobolus crystallinus