

Cow Staircase  
(at least 23/7)

16.7.96  
SE 875 905

ENTERED

15/96

29.7 Pilobolus orange spores ellipsoid 11-13 x 8-7-9.5 ✓  
1/8 also pedic. ellipsoid 6.5 x 3.5 ✓ Kleinii  
crystalline

Ascobars lot of yellow spherical immature 'apitheciz'  
going to be immersus ✓

1 mature asci 22.5 x 5.5 imm spores 48 x 19 55-51 x 29 ripe

but also mature spores around with minute warty ornamentation  
discharged brown  
24-27 x 16-17.5

Asci 180 x 55 with ripe dark warty spores

keys w/ to ~~elegans~~ but check of shchadecor (?)



hyaline ca 29

golden-brown spored hyphomycete

74 x 19

Aerenoniella alba

Sporonniella

Asci cyl clavate short foot 95 x 13

spores 4 celled 27-32 x 4-4.5 rounded, even, st. curved.

pedic to split into pairs in ascus as on deliscane minima

pseudotheca 120 < 180 um diam germ slit ± parallel

to spine length



Green stipitate Coprinus / Ascoporus? 160  $\mu$ m dia

base white 95 dia 55 tall

Asci 8 spaced obliquely uni/biseriate - some overlap

70-65 x 10-11

Spores ellipsoid 7.5-8.5 x 4-4.5

Paraphyses thin capitate to 6.5

filled with yellow green contents

Thelobolus microsporus

Schizothecium S. spaced, good scale

25.5-26 x 14.5  
Lenzium

Protopia decipiens

still immature.

Sporium minime  
in ascus

29 x 4.5, breaking into 2 lanes

17/8 P. decipiens

etc S-spaced

S. minime 29 x 5 ok

Yellow Sclerotium

450 diam

Major asci 180 x 48

Spores  $\begin{matrix} 2 \\ 2 \\ 2 \end{matrix}$

Spores spread or linearly when young, coherent to



61 x 19-22.5

Yellow paraphyses

Spores 25.5-27.5 x 12.5-13

small

with

truncate ends  
few thin, distal ends  
glabrous

Asci 160-180 x 40

07/18

White Coprinus



Ripe Asci protruding 135 x 18

8-spored spores ellipsoid, hyaline 12.5-13 x ~~3.5~~ 8

Simple, non-cephele . pores

Large alveoles type Schizothecium

8-spored 32-35 x 17.5-18 + biseriate.

Simple cordae Ok for alveoles

Very stout agglutinated hairs 260 long.

22/8

1 metre

(iodophanus?)

P. decipiens

38.5-45 x 24.5

8-spored

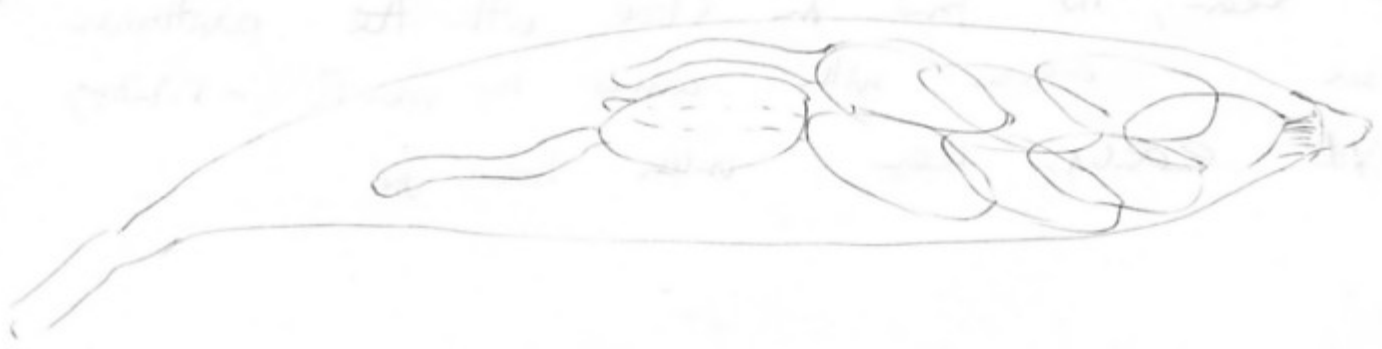
biseriate



Asci ca 300 x 51

broad clavate at

centre. Apices castrated for nipple.



26/8

Conference Pad

Relatively large perithecia, immersed, trilocular except for  
 black emergent red imbricate 8-spored  
 primary appendage. Ascii long stalked 290 x 22.5  
 spores biserial

Saccobolus

Apothecia

210  $\mu$  diam, brownish due

to spores, but no other pigment. Spores loosely

clustered 19.5 16 x 9.5 - 10 - 9

2+2+2+2

Spores sess. 36-37.5 x 16-21  
 43.5

- shortening to 30

Asci

24 diam

no complete ones found to measure length  
 - biserial blue ink  
 coming apart under pressure. Slightly, not

Sporomielia minima

very readily tapered/truncate  
 more or less smooth

keys at 5 to

agrees with truncatus

except for spore size - a bit

large :- (14-17.5 x 7.5-8.5 Van B.)

not seen, but found in size with the perithecia  
 above - agrees with comment by van B. - solitary,  
 not early seen unless looked for

30/8

A. immissus

white	Coprichs	f. spored	14.5 x 8	baseate
Asci	Cylindrical	clavate	67 x 16	
Paras	Simple, hyaline, thin		2-3 um.	

Large Podopore or a Zygozooecium developing?

Sporomella minima plentiful  
 Asci 100 x 16      short stalk      cyl/clav

27-30.5 x 16 x 4.8      Still plenty on 9.9.

9.9 white Coprichs 100-125 diam  
 spores 14.5 x 8      hyaline ellipsoid

SP. 4

Parachytrid sporidium cells 10-15  
 Paras 3 hyaline, var clavate, with anoplous  
 intersporangial network — hyaline - backward?  
 Asci 125-130 x 19-20 ± cylindrical, baseate k-

Also smooth Asci spores immissus

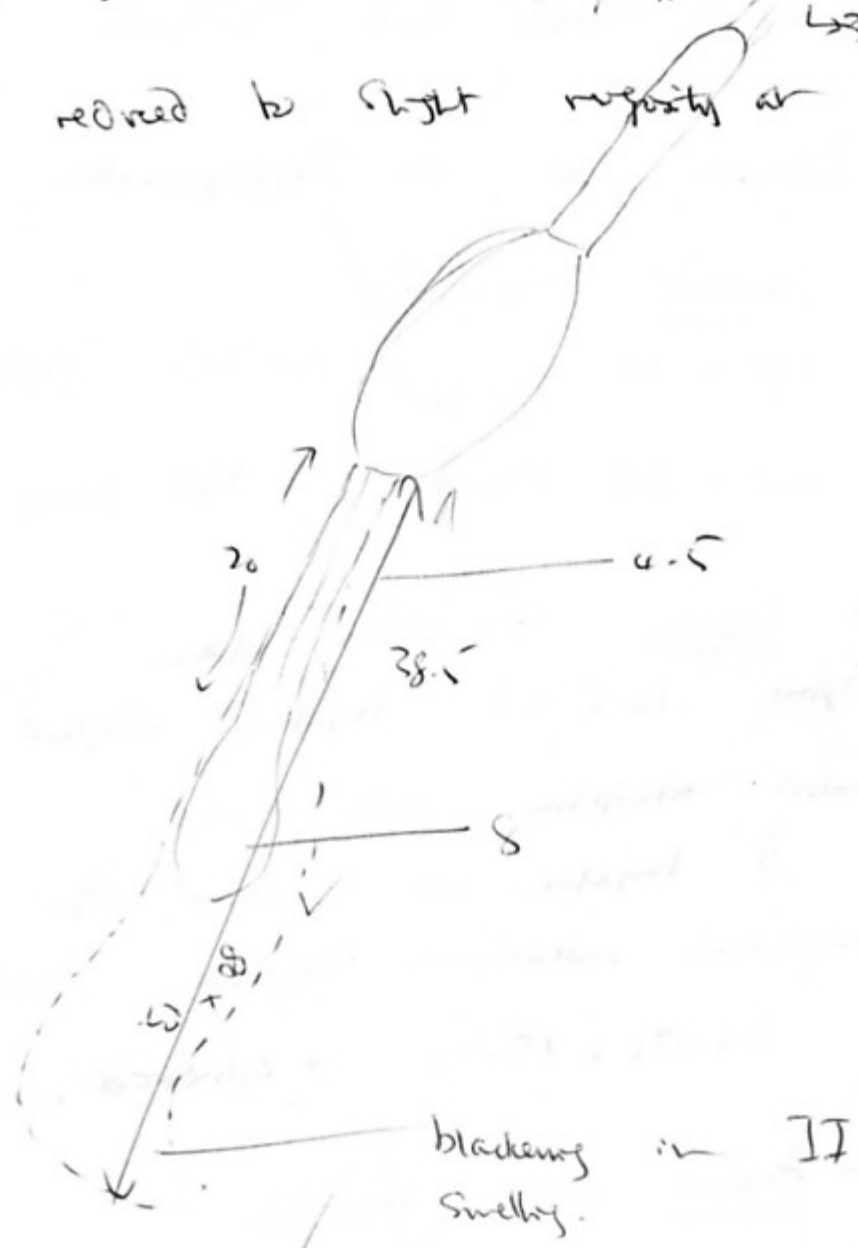
Podopore ? Perithecia 650-825 diam      No base  
 black red . 8 spored      basal primary apothecium  
 Lead 35 x 20-29      17.5      14 app curved-cylindrical 6.5 x 29-32  
 Zy's simple, yellow?      or sl. clavate



Asci very smaller when newly made, it made ca 400 x 85

not like Pycniformis in all aspects  
 except Spore size - rather small.

appendages not clear in II, but short + evanescent?  
 "hairs" reduced to slight rugosity at base of neck  
 ↳ 30-35



Small spored / P. pycniformis

2/19

White Coprinus still fresh. 8 spored basidia

Ascus 16 x 8-9 spores

125 x 22.5 clavate with short stalk.

hint of red sheath in the base of ascus -



DRIED 2/19