

15.95°S 5.66°W. coll. B. Rowlands. Incubated 13 March 2002

13.3 Yellowish Saccobolus 350-400 diam. 0.2 dry material
 Spore masses 28-31 x 15-16 3+3+2
 Spores rounded, coarsely reticulate / cracked exospore.
 ca 11-12 x 6. Upper cell vegetal branch
 Ascii ca 50+20 cf *obscurus* ✓ see 3/5

Sporomella UER Ascii 90 x 13.

Spores 29 x 4.5 diagonal g. slits minima ✓
 cylindrical, even celled

Sporomella Spores ± unisporous & celled.

apical cell more rounded & hemispherical than
 basal, 18-16 x 5 EODD pritchellae
 bit st. pointed.

Asci cylindrical. 10-11 diam.

24.3



Schizotrichum S. sp. 1-Senda
 22-23 x 11-11.5. Single 2-spored
 Poor Scales vesticula ✓

Sporomella 4T, but some abnormal spores with

an 2-3 cells, & not 8-spored asc.

typical spores with parallel g. slits 48-51-54 x 12-12.5
 tapered asc.

Brachyspora

→ Sp. minima ✓

S. obscurus ✓

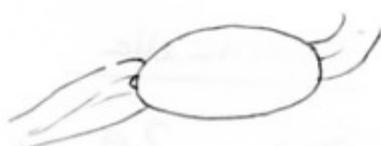
13.4 Pure white capillitium 1-2 mm diam. Spores
 hyaline, minutely verrucose. 19-19.5 x 11-11.5 pores
 filled with 'gravel' crystals Lodiplawns cat vers ✓
 Ascii 225 x 35 bright blue in KI

Schizotocan 8-spined uniciliate 19.5-21 x 13-15.5
 Peritrichous dark around outside, no well
 developed scales vesticulae ✓
 by app 8-9 x 2-3

Pseudopera short simple setae at outside

4 spined tiny by apertures

48-51.5 x 25.5-27.5
 -94



Australia ✓

Sporomella 4T



43-45 x 9.5-10
 -48

long stalked tapering ascus

spores relatively uniform in
 this form

Lageniforms?
 (See 24.3)

Another pseudotocan - distinctly larger spores

52-54-58 x 11-13 larger, spores relatively uniform
 OK for grandispora ✓

Sp. 1 ER 45-51 x 9

Australia

Saccobius obscurus ✓

21.4 Sp. 4T [ascs with 5 x 4 celled spores + 4 x 2 celled]
 48-54.5 x 11-11.5

Grandispora ✓

Sch. vesticula ✓

29.4	<u>Sch. vesticola</u>	<u>Sp. griseopurpureum</u>
3.5	<u>Sch. vesticola</u>	<u>Sp. griseopurpureum</u>
	<u>Saccobolus</u> 3+3+2 resinosa varia	Spore mass shortening + Spores rounded $12-13 \times 6$ Smooth.
	5.m. 26-29 $\times 13$ prob. or balance	No fragments
	Ascs 95-100 $\times 25$	<u>Diaspores</u> rather than <u>obscure</u>
		Possibly both sp. present?
	Differs in Spore ornamentation, Paraphysis present	
9.5	large immersed <u>Podophrya</u>	S. sparsely biserrate
	prob. G.P. large clav. by app. $32-35 \times 5$,	
	st. enlarged at apex. Maturing body	
	$35-38 \times 22.5-27$	Ascs with no apical
	Structure, clavate. Perithecium lightly tomentel hairy	
	round neck - not distinct except under h.p.	
	NO 2y app. visible in free spores or asc. Hat of	
	thin all round gel creath? - nothing visible cf <u>P. globosa</u>	
	nature spores in II	
	Adjacent perithecia spores clearly <u>P. communis</u> ,	
	with 4 apical + basal 2 in app. Maturing body $32-35 \times$	
	visible in asc. as well as on free spores	A.F.-22

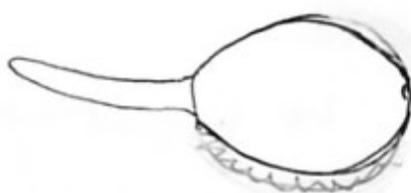
<u>Sp. griseopurpureum</u>	<u>Sch. vesticola</u>
Sp. 4-8 mm uniseriate base cell st. pointed	$19-20 \times 5.5-6$ <u>pulchella</u>

upper cell I hexagonal,
prob. ca 125 diam.
 $\times 220$ high.

13.5 Large immersed peritrich - no neck setae

P. globosa ✓ (see 9.5) Lg app. $35 \times 7-8$
-40

Sp. broad (globoid-)ellipsoid $35-42 \times 28.5-29$



To fawn in clws, H₂O
or SI of any 24 appendages

Sp. grandspira ✓

Sch.-vesticola

'Volutella' strong hairs at black centre with

brownish. Spores hyaline, sl. triradiate or more
rod-like $6-8 \times 2.5-3$

19.5

P. globosa

Sch.-vesticola ✓

