

PLATE 21

*Septuma ocotillo* n. sp.

- A. Longitudinal and cross sections of branches. 7  $\mu\text{m}$ .
  - B. Longitudinal section of two chambers. 7  $\mu\text{m}$ .
  - C. Wall structure and "ingested material". 7  $\mu\text{m}$ . Magnification as in D.
  - D. Chamber with nucleus and stercomata. 7  $\mu\text{m}$ .
- All stained with haematoxylin-eosin.

Lettering:

a, agglutinated layer  
i, inner organic layer  
f, foramen  
n, nucleus  
s, stercomata

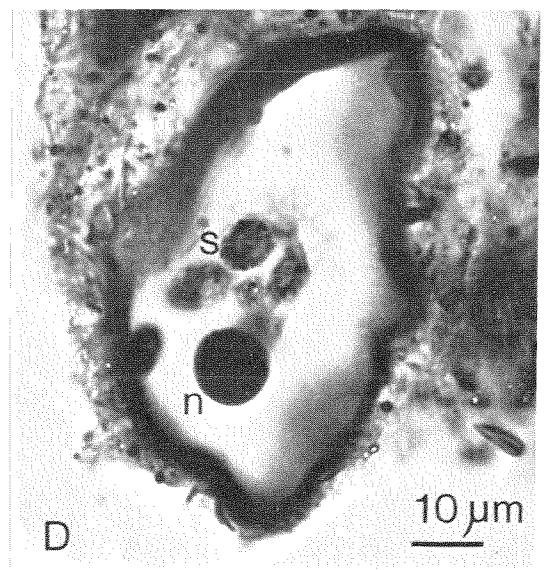
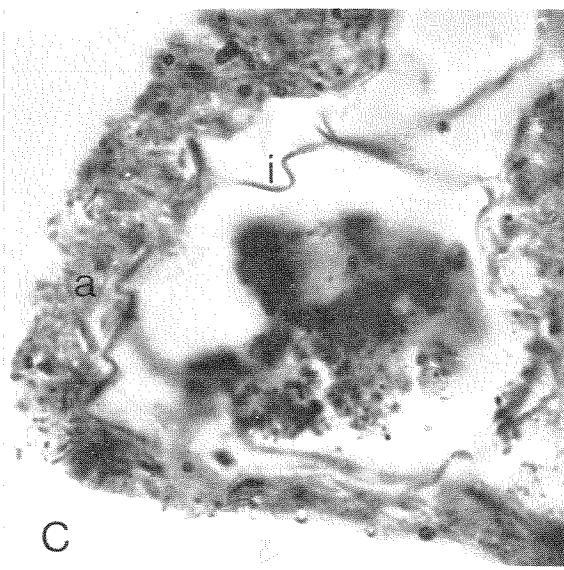
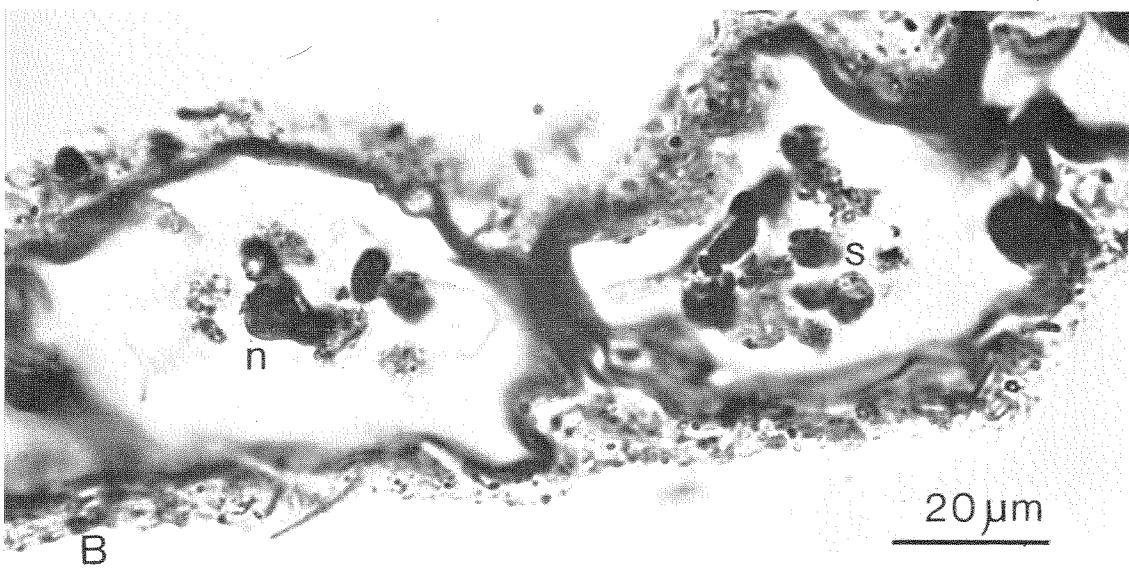
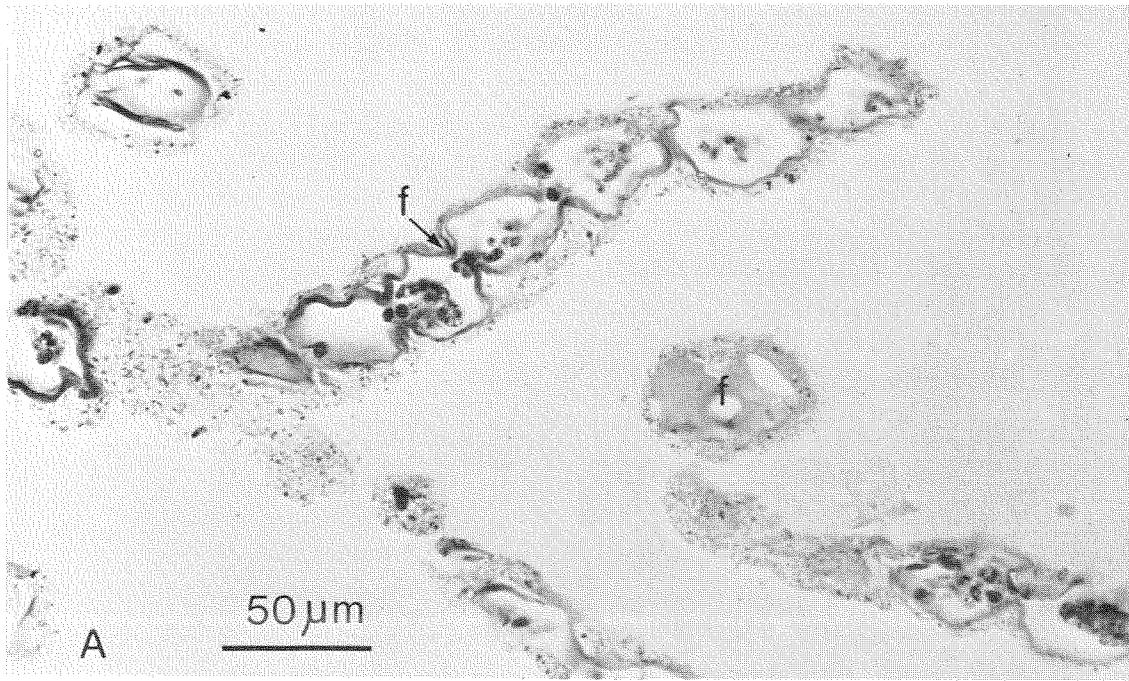


PLATE 22

*Normanina tylota* n. sp.

- A. Sections of swellings showing chambering. 7  $\mu\text{m}$ . Haematoxylin-eosin.  
B. Cross section of chamber showing wall structure and chamber contents.  
7  $\mu\text{m}$ . Haematoxylin-eosin.

Lettering:

- a, agglutinated layer
- i, inner organic layer
- c, cross section of chamber
- l, longitudinal section of chamber
- p, distal part of chamber-bearing tubule
- s, stercomata
- t, tubule cross section

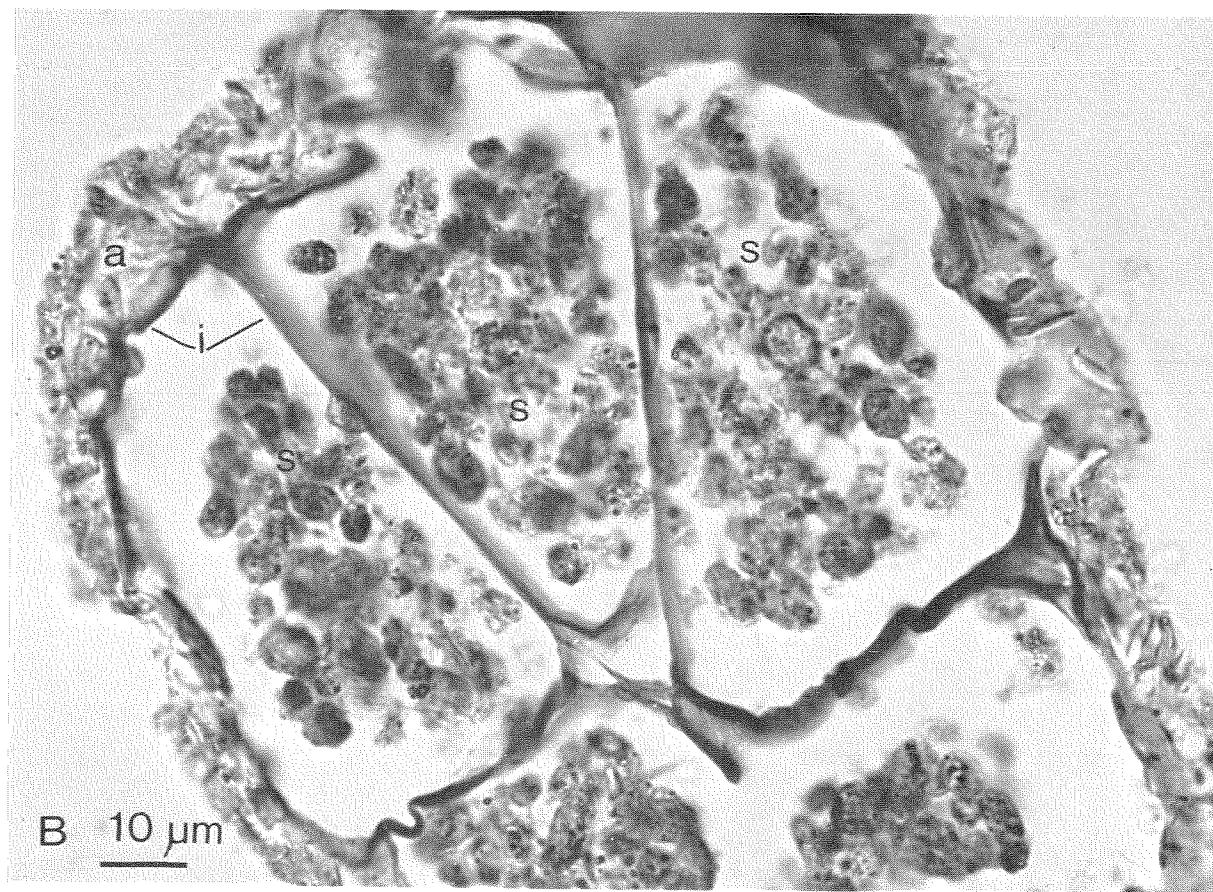
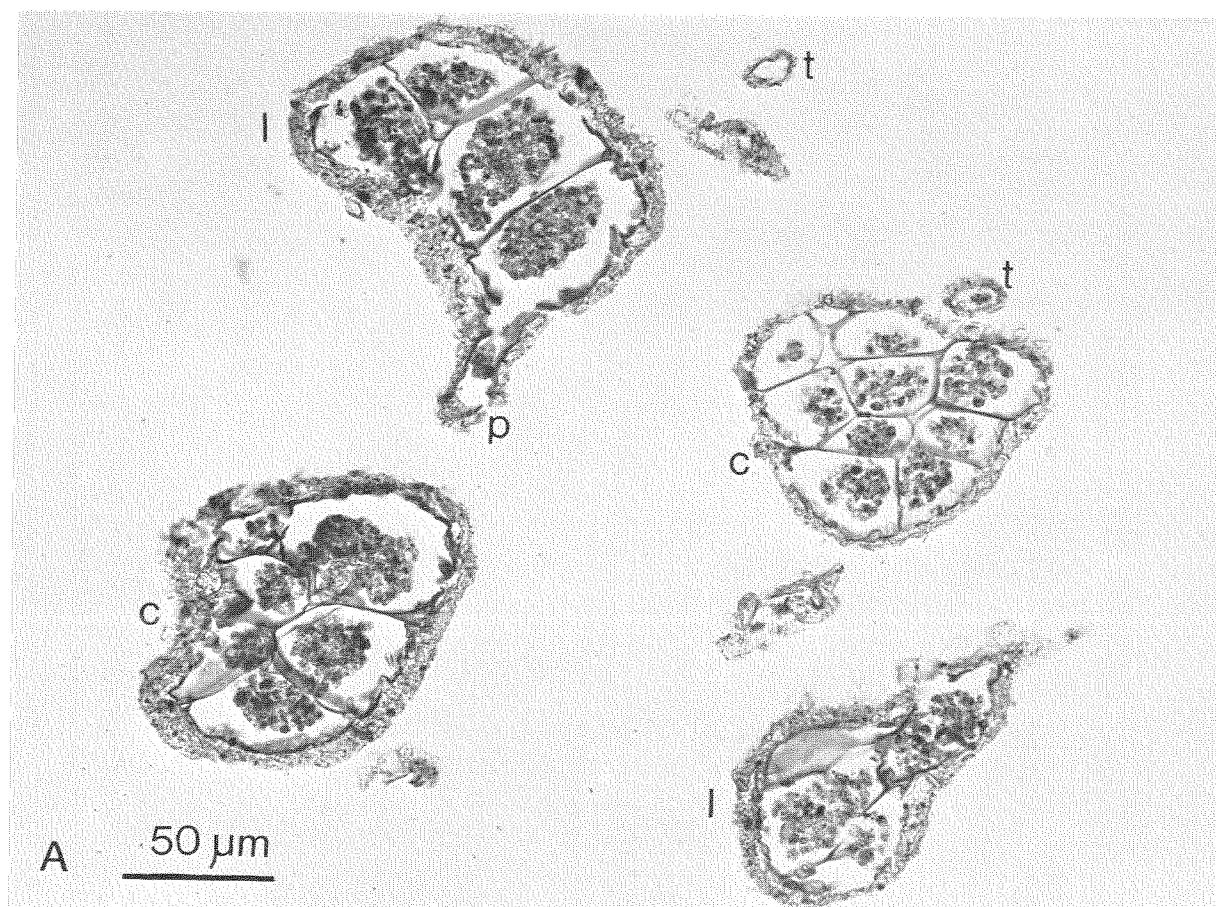


PLATE 23

*Normanina saidovae* n. sp.

- A. Longitudinal section of central tubule showing constrictions and short row of chambers. 7  $\mu\text{m}$ . Unstained.
- B. Swellings in longitudinal and oblique sections. 7  $\mu\text{m}$ . Unstained.
- C. Swelling and tubule cross sections. 7  $\mu\text{m}$ . Unstained.

Lettering:

l, lumen of tubule  
t, tubule

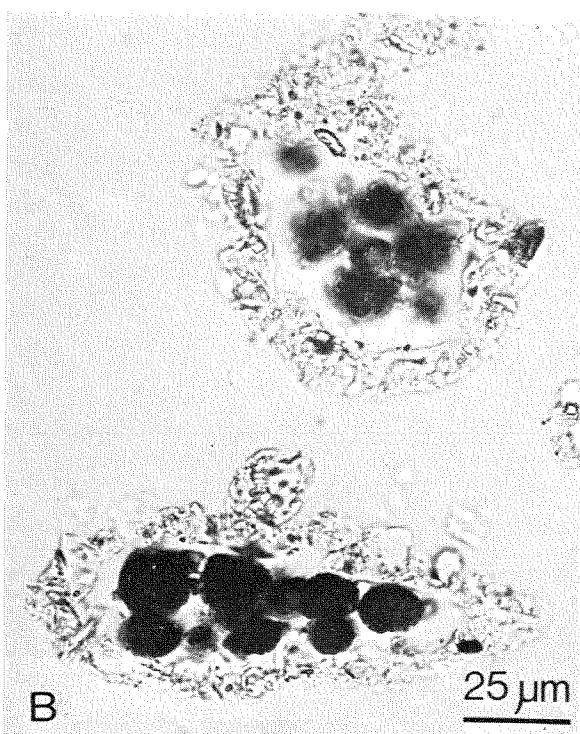
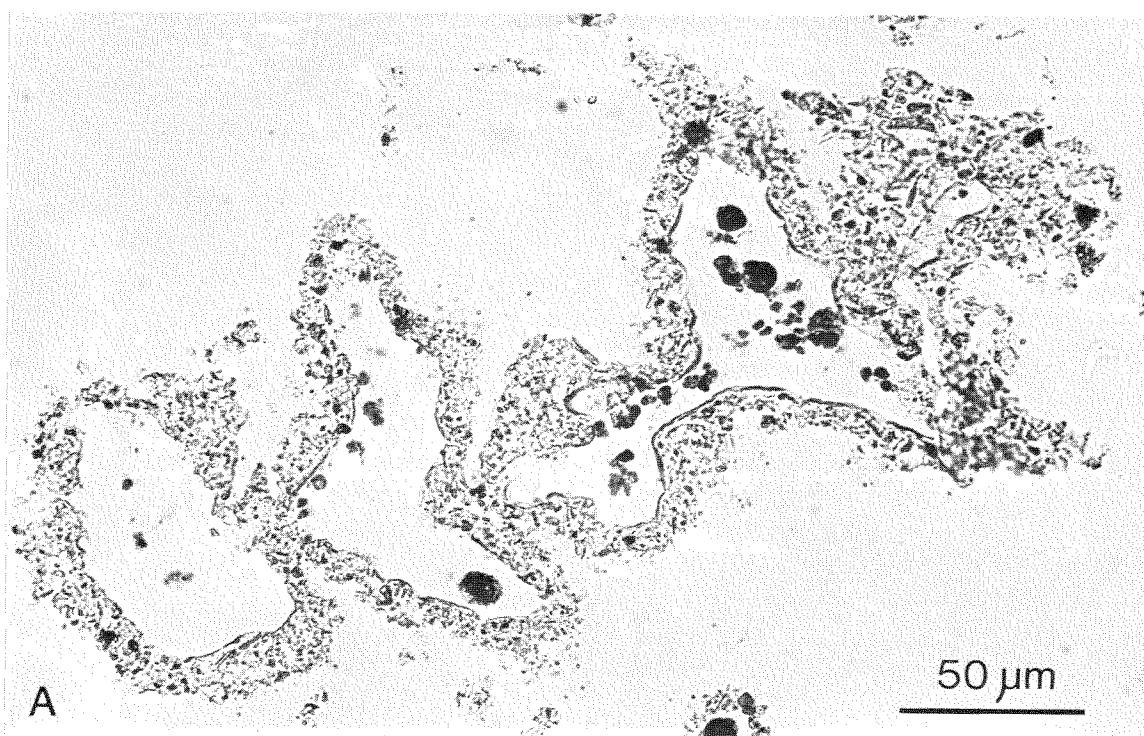


PLATE 24

*Baculella globofera* n. sp.

- A. Primary branches with chambers. 7 µm. Haematoxylin-eosin.
- B. Survey of longitudinal section. In upper part only primary branches are sectioned, in lower part also the central tubule. 7 µm. PAS.

*Baculella hirsuta* n. sp.

- C. Cross section in sediment-covered part showing stercomata-filled lumen of primary branches. 7 µm. PAS.

Lettering:

f, foramen between primary branch and central tubule  
p, primary branch lumen

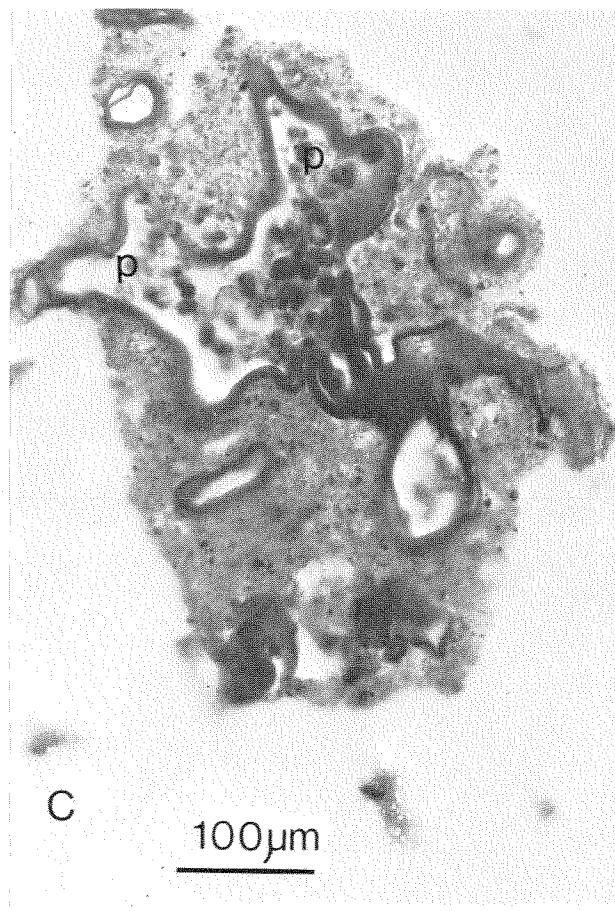
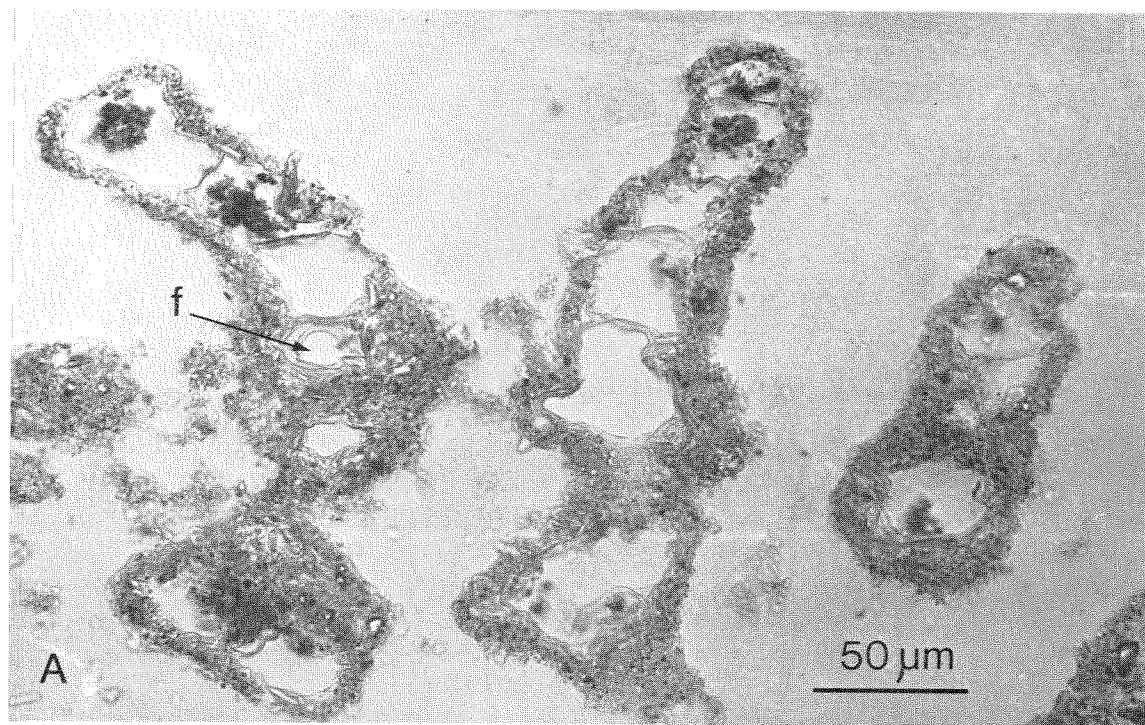


PLATE 25

*Baculella hirsuta* n. sp.

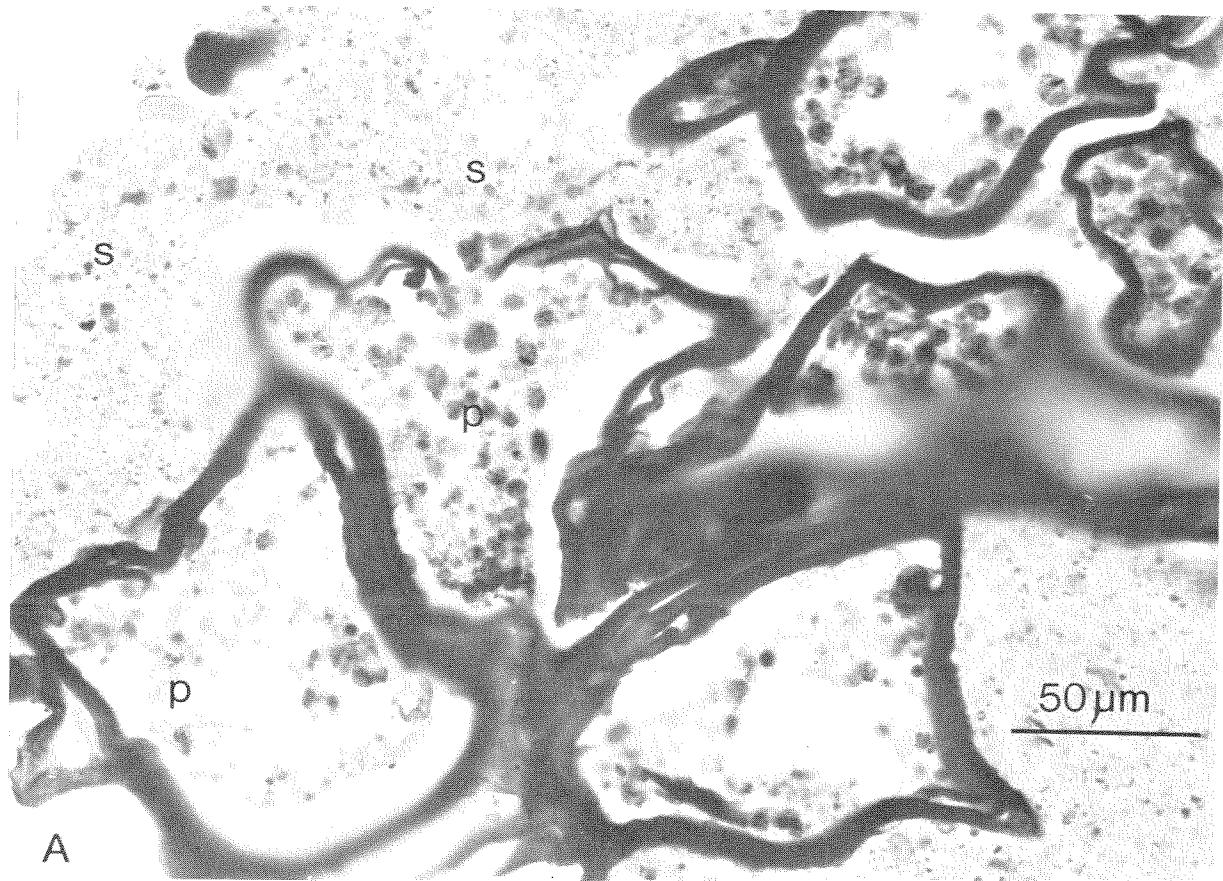
- A. Longitudinal section in sediment-covered part. Primary branches with stercomata in plasma. 7  $\mu\text{m}$ . PAS.

*Edgertonia argillospherula* n. sp.

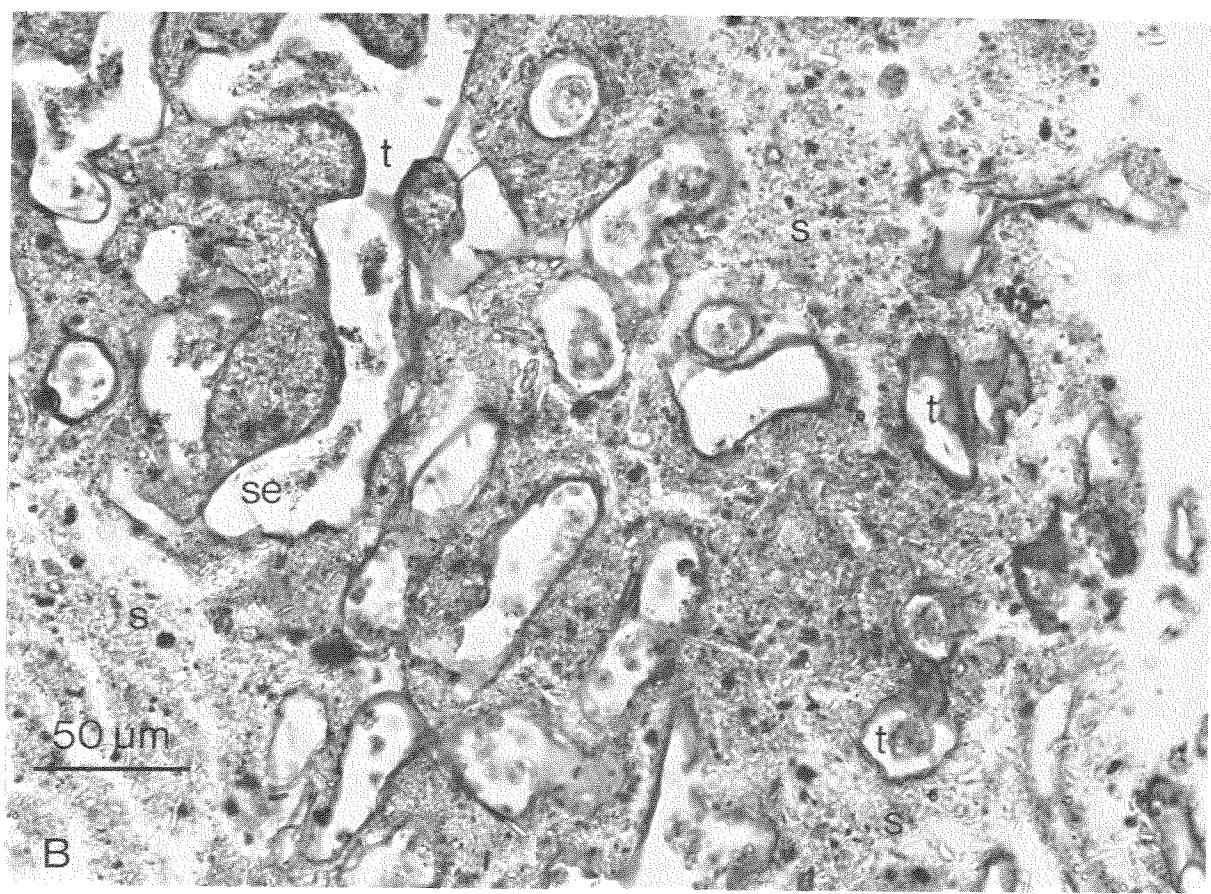
- B. Longitudinal and cross sections of tubules in interstitial sediment. 7  $\mu\text{m}$ . Haematoxylin-eosin.

Lettering:

p, plasma with stercomata  
s, sediment on and between tubules  
se, septum  
t, tubule lumen



A



B

PLATE 26

*Baculella hirsuta* n. sp.

- A. Part of sediment covering with fibers. 7  $\mu$ m.

*Lana neglecta* n. sp.

- B. Survey. Longitudinal and cross sections of tubules. 7  $\mu$ m.

*Edgertonia tolerans* n. sp.

- C. Survey. High degree of anastomosing. 7  $\mu$ m.

*Edgertonia argillisperula* n. sp.

- D. Survey. Labyrinthic appearance, presumably with high degree of anastomosing. 7  $\mu$ m.

All stained with haematoxylin-eosin.

