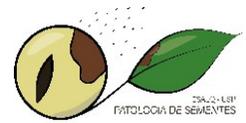


# ESTRUTURAS DOS FUNGOS

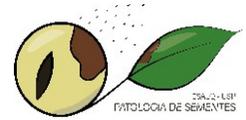


**Hifa cenocítica**



**Hifa septada**

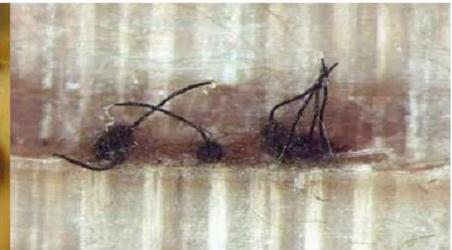
# ESTRUTURAS DOS FUNGOS



## Esporos



## Corpos de frutificação



## Micélio



## Estruturas de resistência

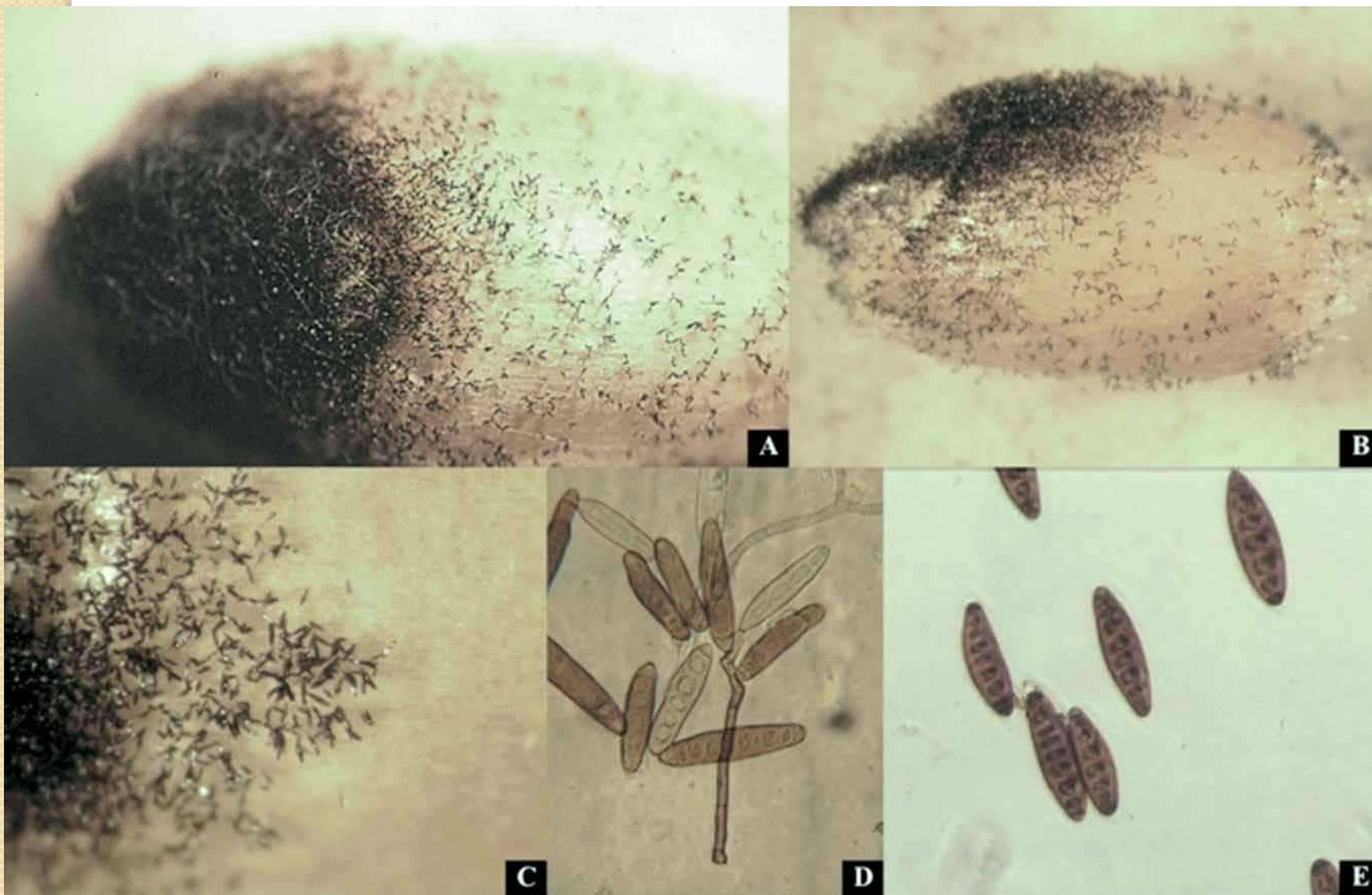
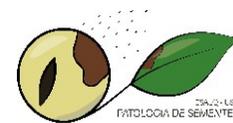


Fonte: Liliane D. Teixeira, Esalq/USP

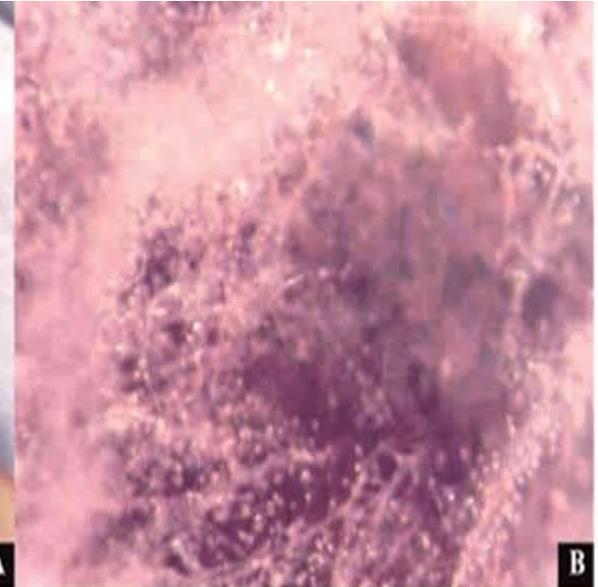
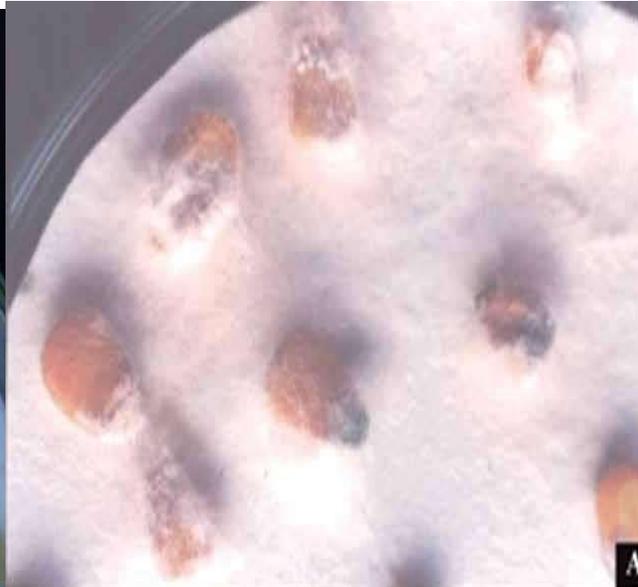
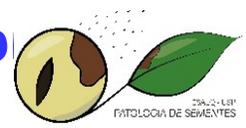
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# ***ESPOROS PRODUZIDOS FORA DE CORPOS DE FRUTIFICAÇÃO***

*Bipolaris sorokiniana* - microscópio óptico e estereomicroscópio Fotos: J. C. Machado



*Fusarium* spp. - microscópio óptico e estereomicroscóp  
Fotos: J. C. Machado



*Fusarium pallidoroseum*  
(*semitectum*)

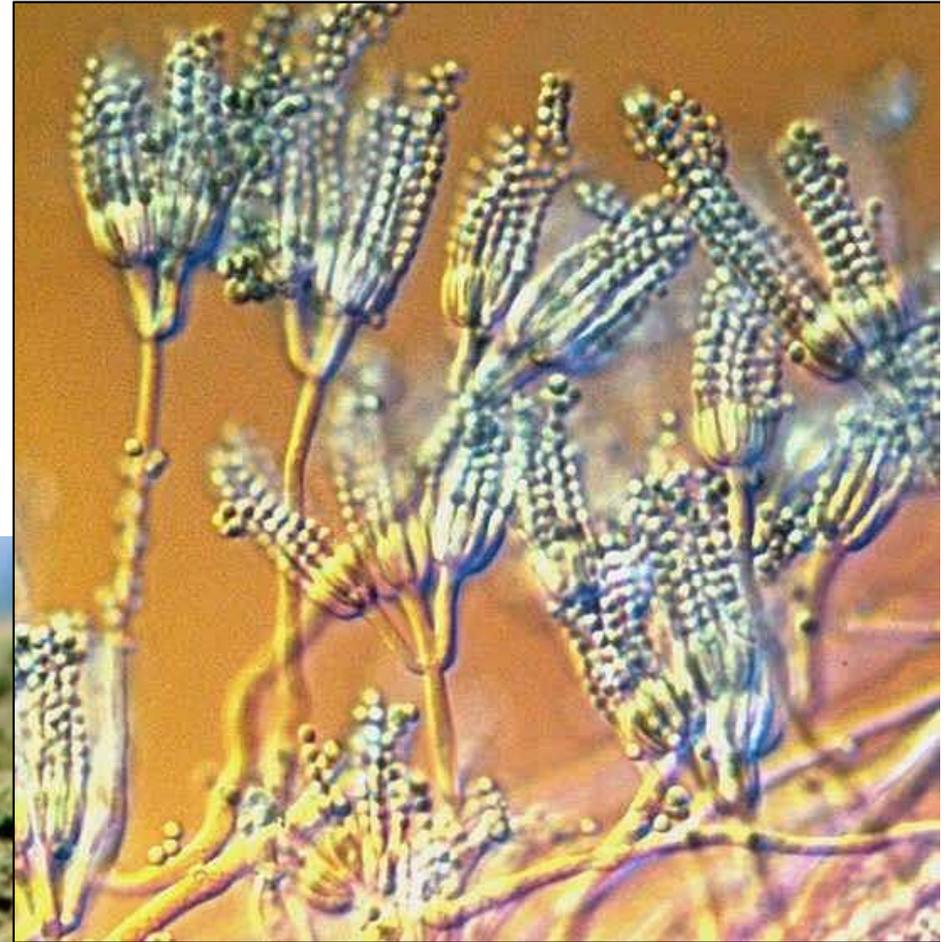
*Fusarium verticillioides*

# Microscópio óptico e estereomicroscópio

*Aspergillus* spp.

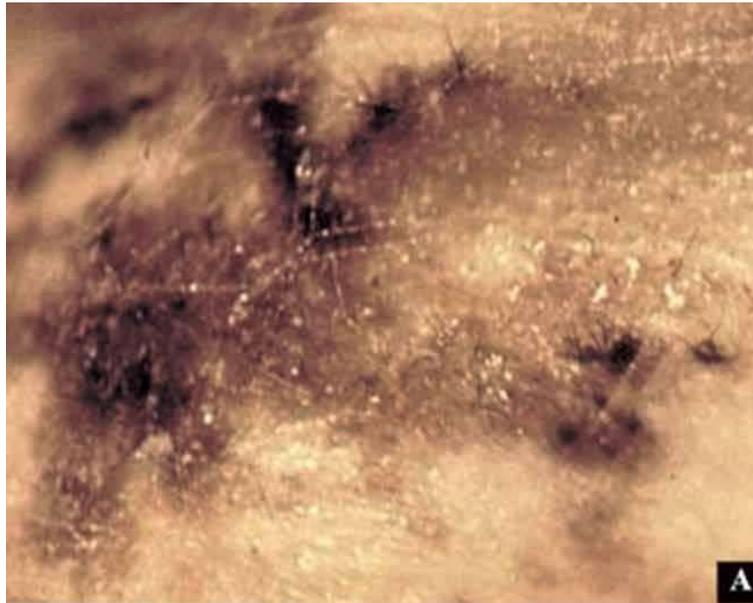
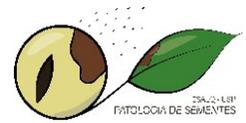


*Penicillium* sp.

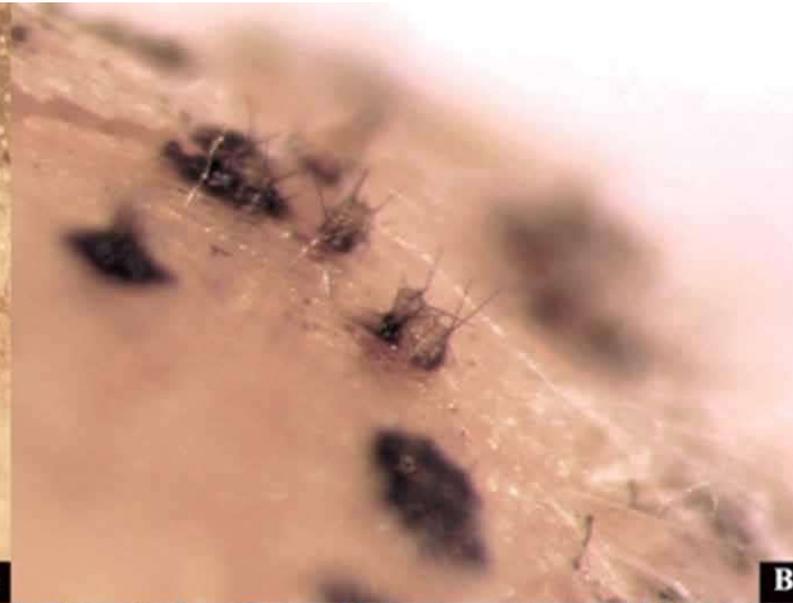


# ***ESPOROS PRODUZIDOS EM ACÉRVULOS***

*Colletotrichum graminicola* - microscópio óptico e estereomicroscópio - Fotos: J. C. Machado



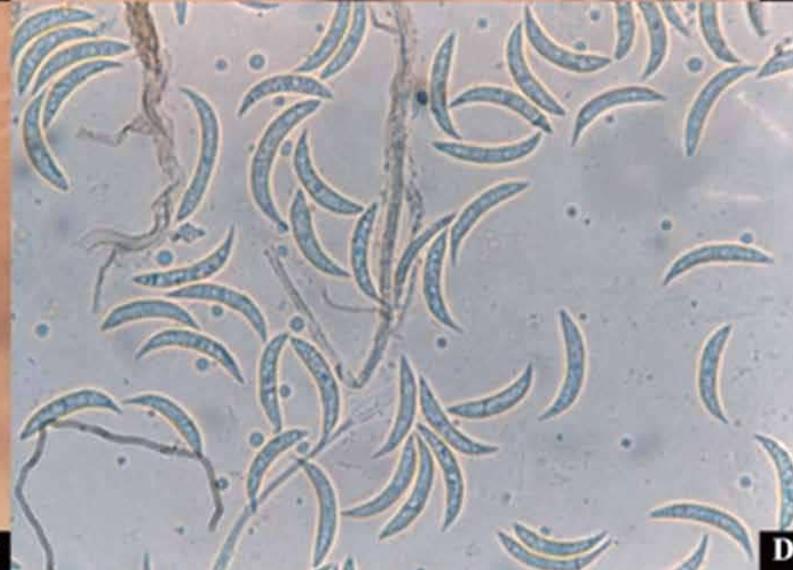
A



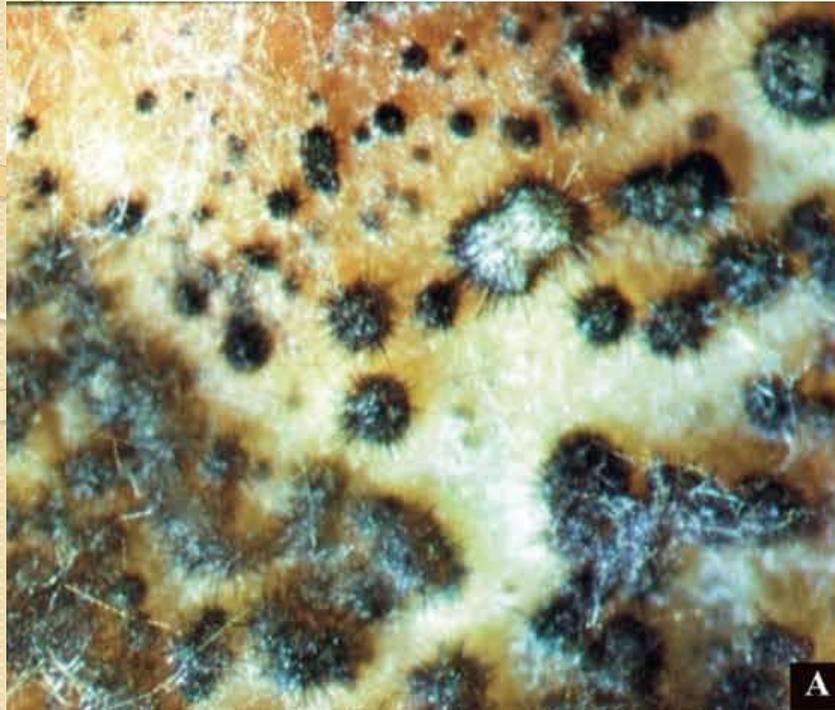
B



C

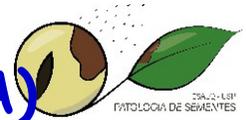


D

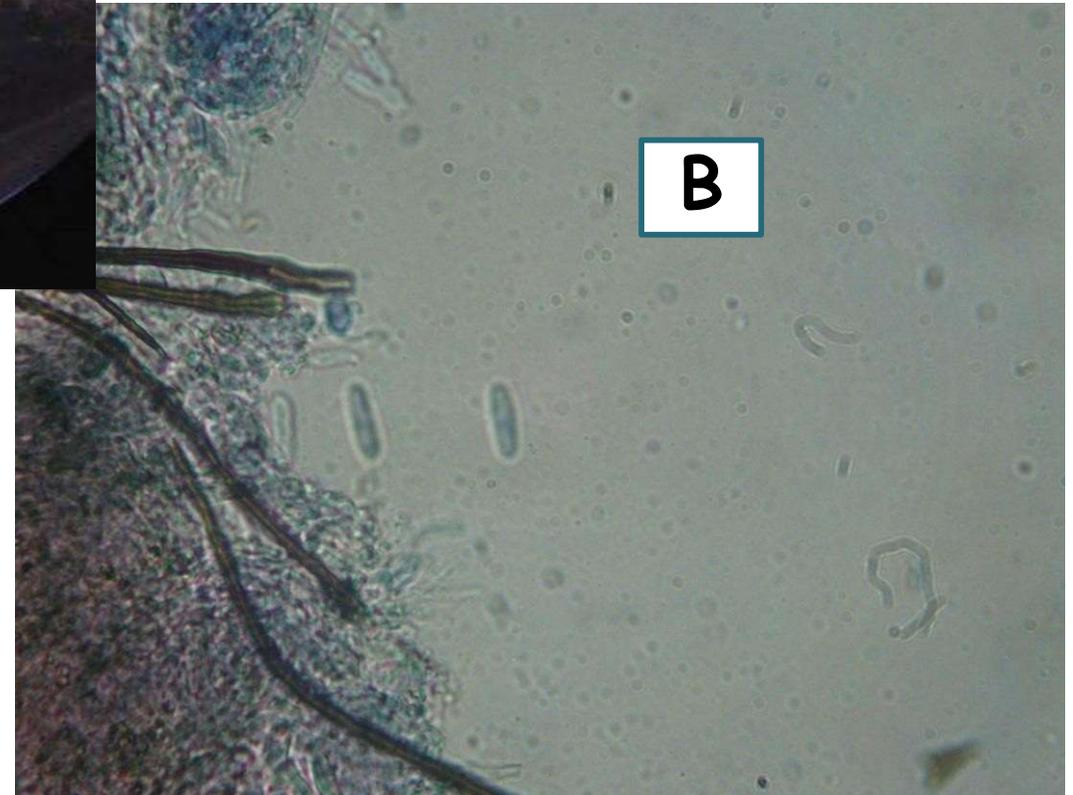


*Colletotrichum truncatum* em sementes (A, C) e conídios e setas em lâminas microscópicas (B) - Fotos: J. C. Machado

*Colletotrichum lindemuthianum* - estereomicroscópio (A)  
e microscópio óptico (B)- Fotos: M. H. D. Moraes

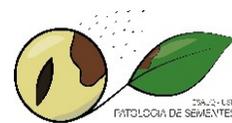


A



B

*Colletotrichum gossypii* - microscópio óptico e estereomicroscópio Fotos: J. C. Machado



A



B

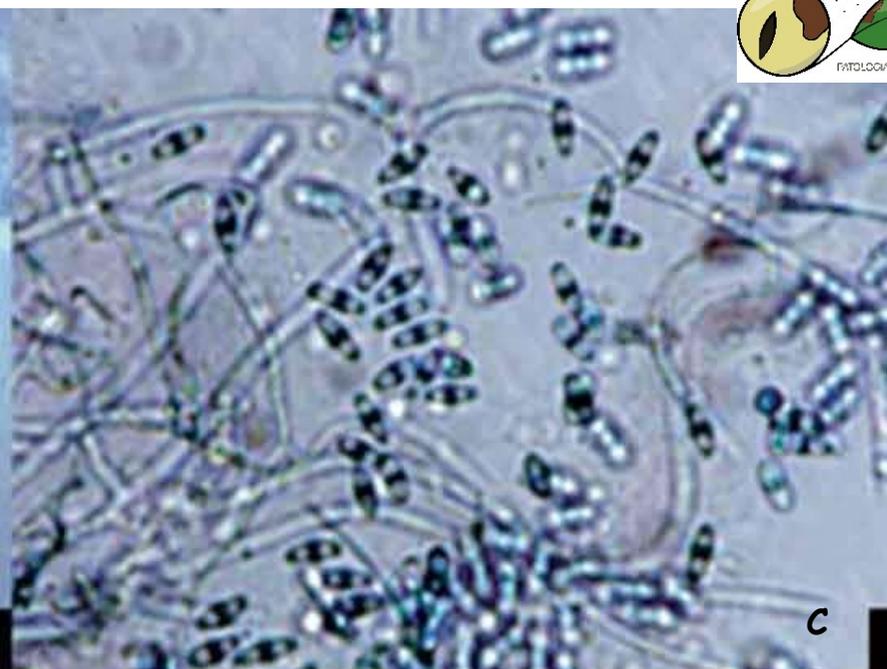
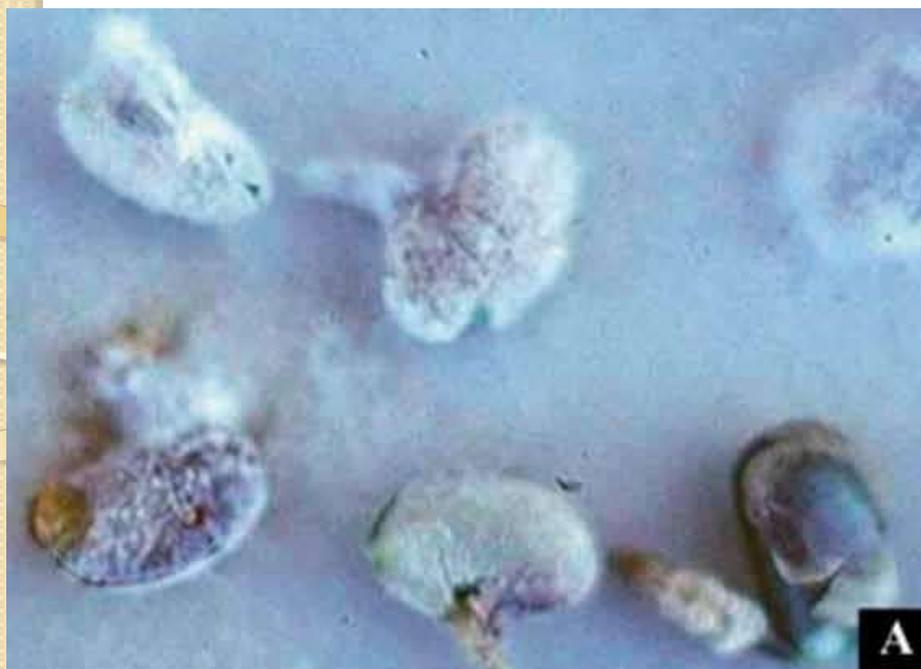


C

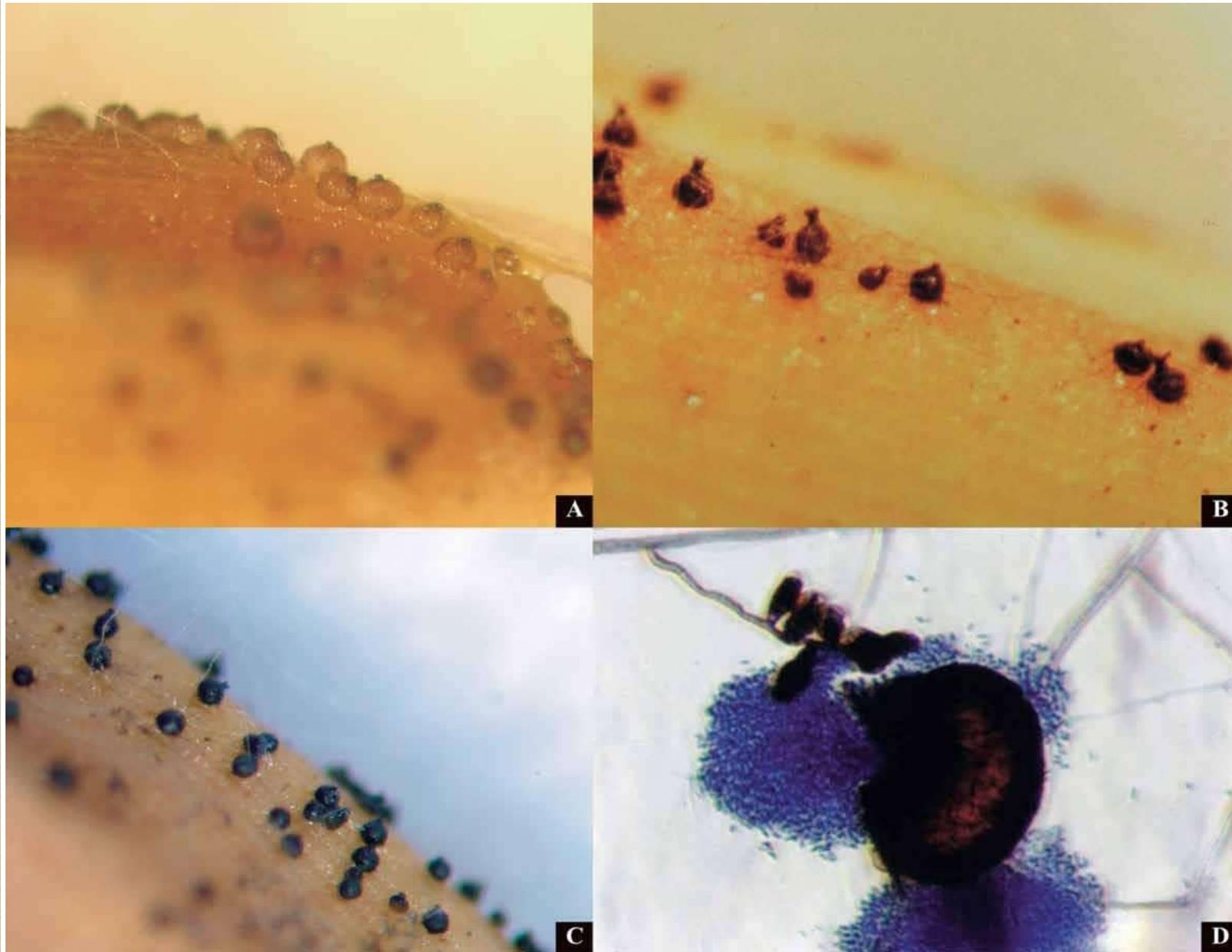


D

# ***ESPOROS PRODUZIDOS EM PICNÍDIOS***

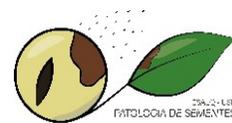


*Phomopsis* sp. - microscópio óptico e estereomicroscópio  
Fotos: J. C. Machado

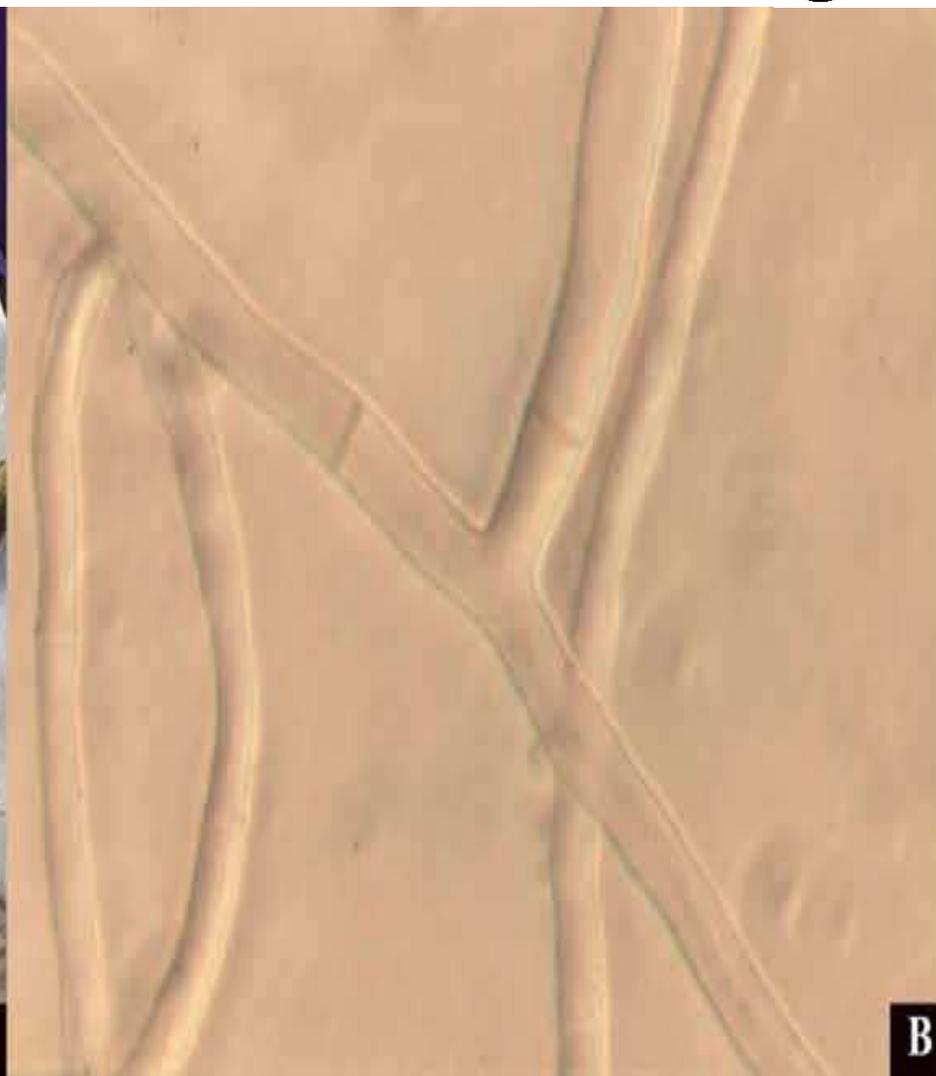
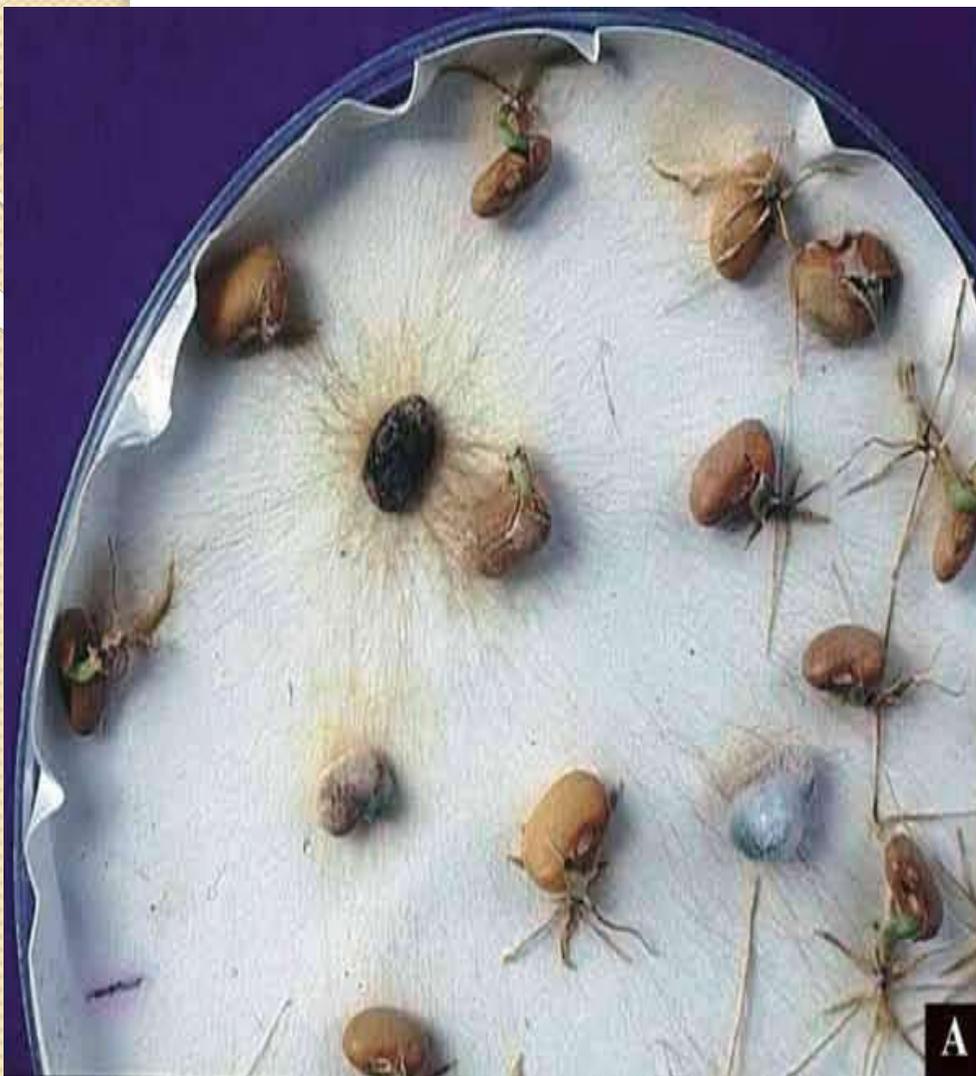


*Phoma sorghina* - microscópio óptico e estereomicroscópio  
Fotos: J. C. Machado

*Stenocarpella macrospora* - microscópio óptico e estereomicroscópio - Fotos: J. C. Machado



# ***SEM PRODUÇÃO DE ESPOROS***



***Rhizoctonia solani* - sem microscópio e microscópio óptico**  
**(B) Fotos: J.C. Machado**

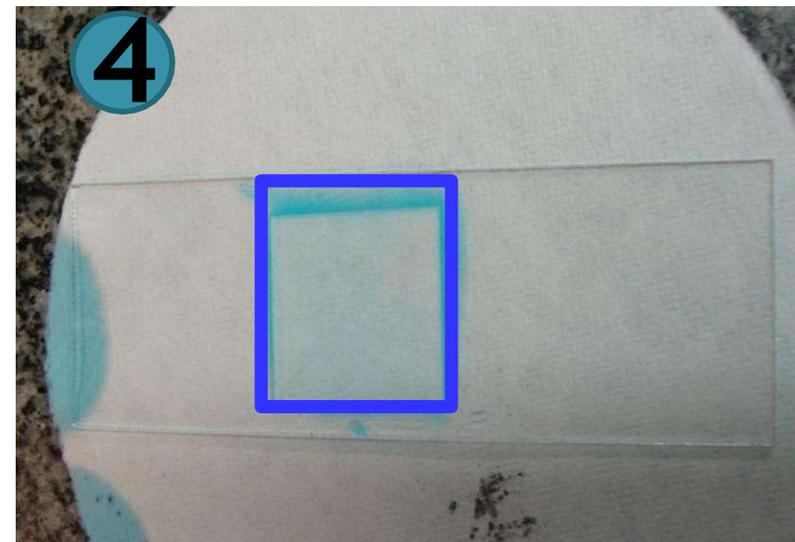
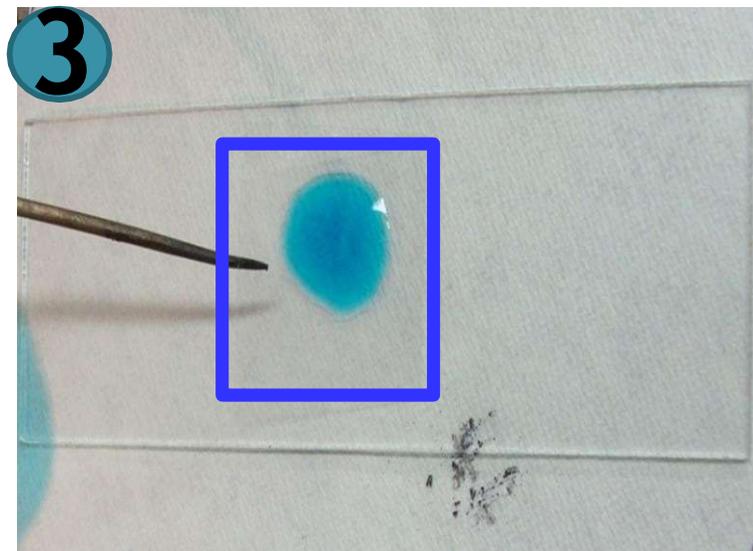
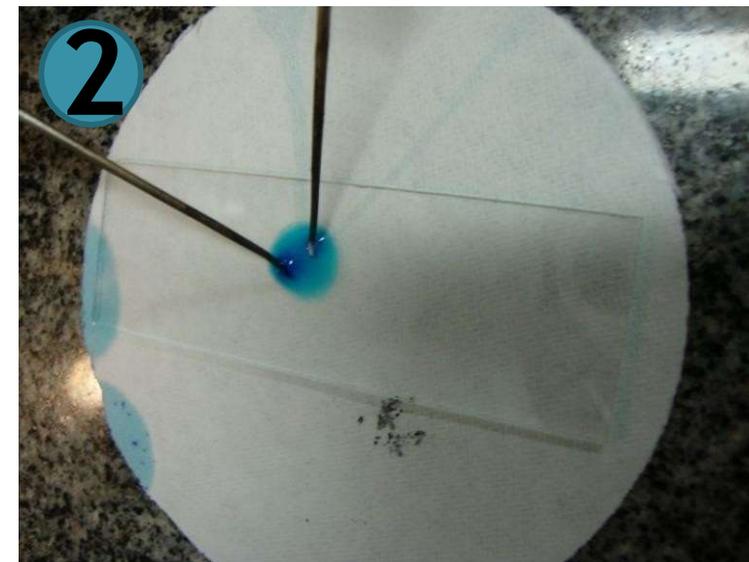
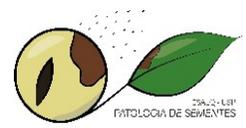
## *Rhizoctonia solani* - microscópio óptico





**Micélio e escleródios de *Sclerotinia sclerotiorum* em sementes -  
Fotos: J.C. Machado**

# ELABORAÇÃO DE LÂMINAS COM AGULHA



1. Coleta da estrutura, 2. deposição na gota de corante, 3 e 4. deposição cuidadosa da lamínula

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