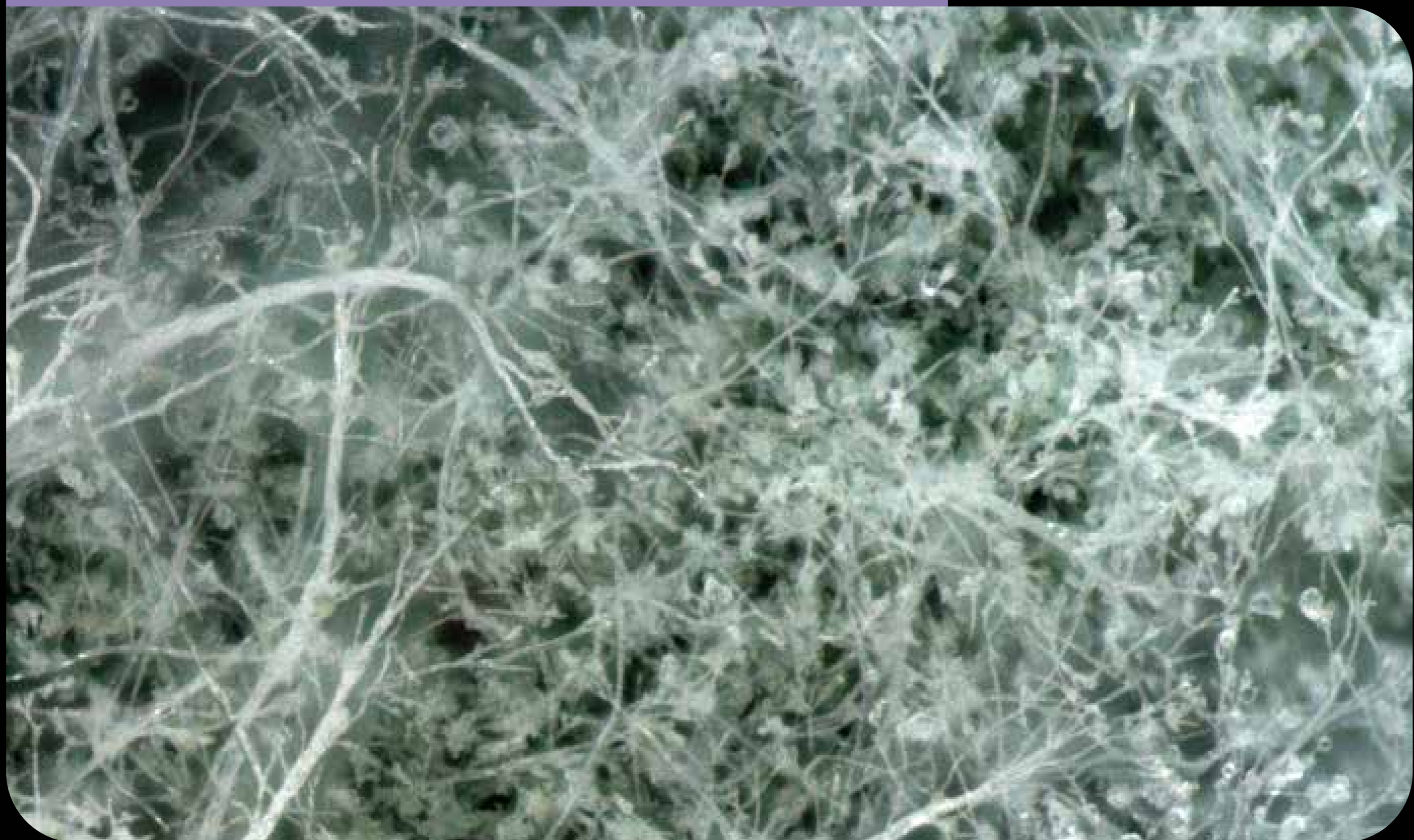


# *Penicillium lydenburgense*



Decoding  
South Africa's  
Biodiversity



© C. Visagie

## **Phylum: Ascomycota**

Estimated genome size: 35 million DNA base pairs (0.035 Gigabases)

Organism size: Filamentous fungus

## **Distribution:**

South Africa

## **Importance:**

The species was recently described from soil collected in South Africa.

**PromethION Sequencing Report:** Output: 4.59 Gigabases

Approximate N50: 2.85 kilobases

## **Draft Genome Assembly Statistics:**

Genome length: 0.03 Gigabases (30.07 million bases)

BUSCO completeness score (single and duplicated genes): 99.2%

[Single: 98.8%, Duplicated: 0.4%]

## **Sample Contributor contact details**

Cobus Visagie

Forestry and Agricultural Biotechnology Institute

University of Pretoria

cobus.visagie@up.ac.za

**DIPLOMICS**  
CONNECTING RESEARCHERS & WORLD CLASS OMICS FACILITIES

Date Published: 2025-03-12  
DOI: 10.5281/zenodo.15012442



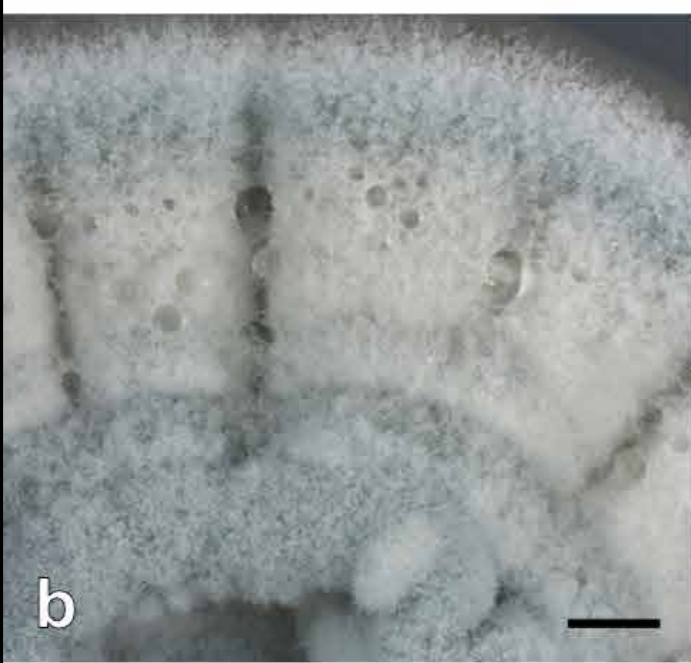
# *Penicillium lydenburgense*



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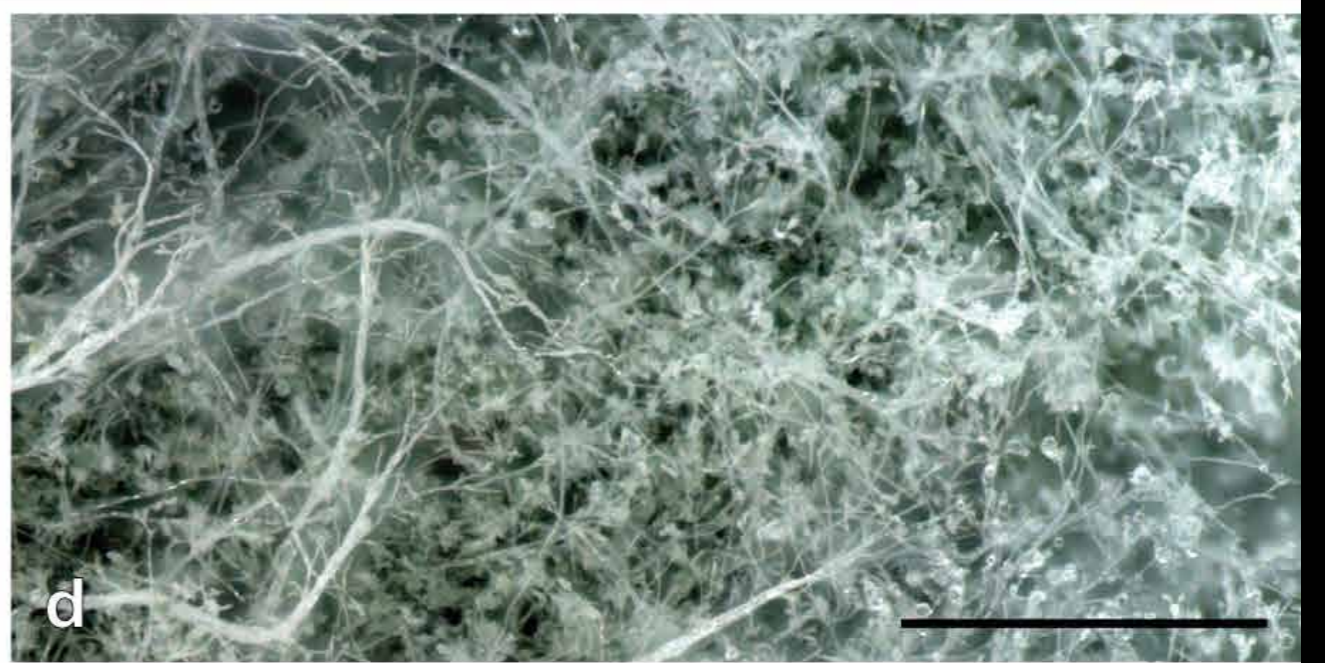
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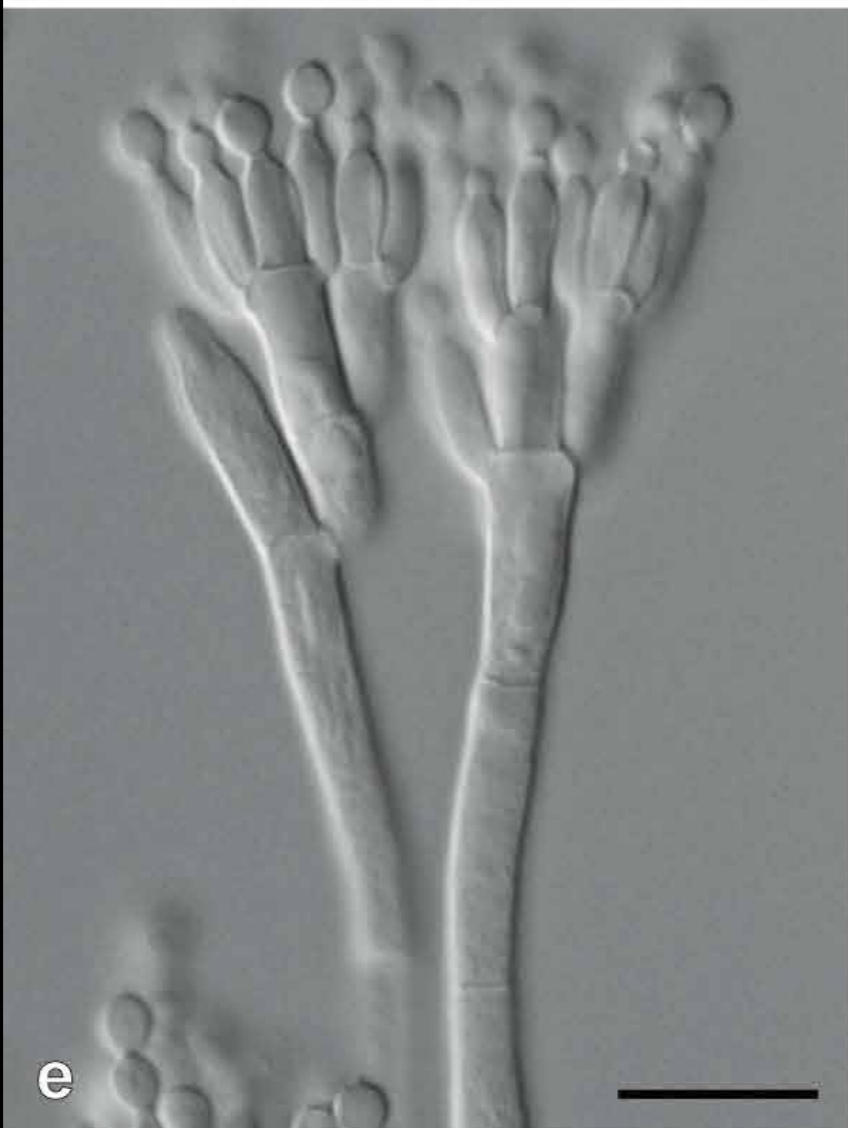
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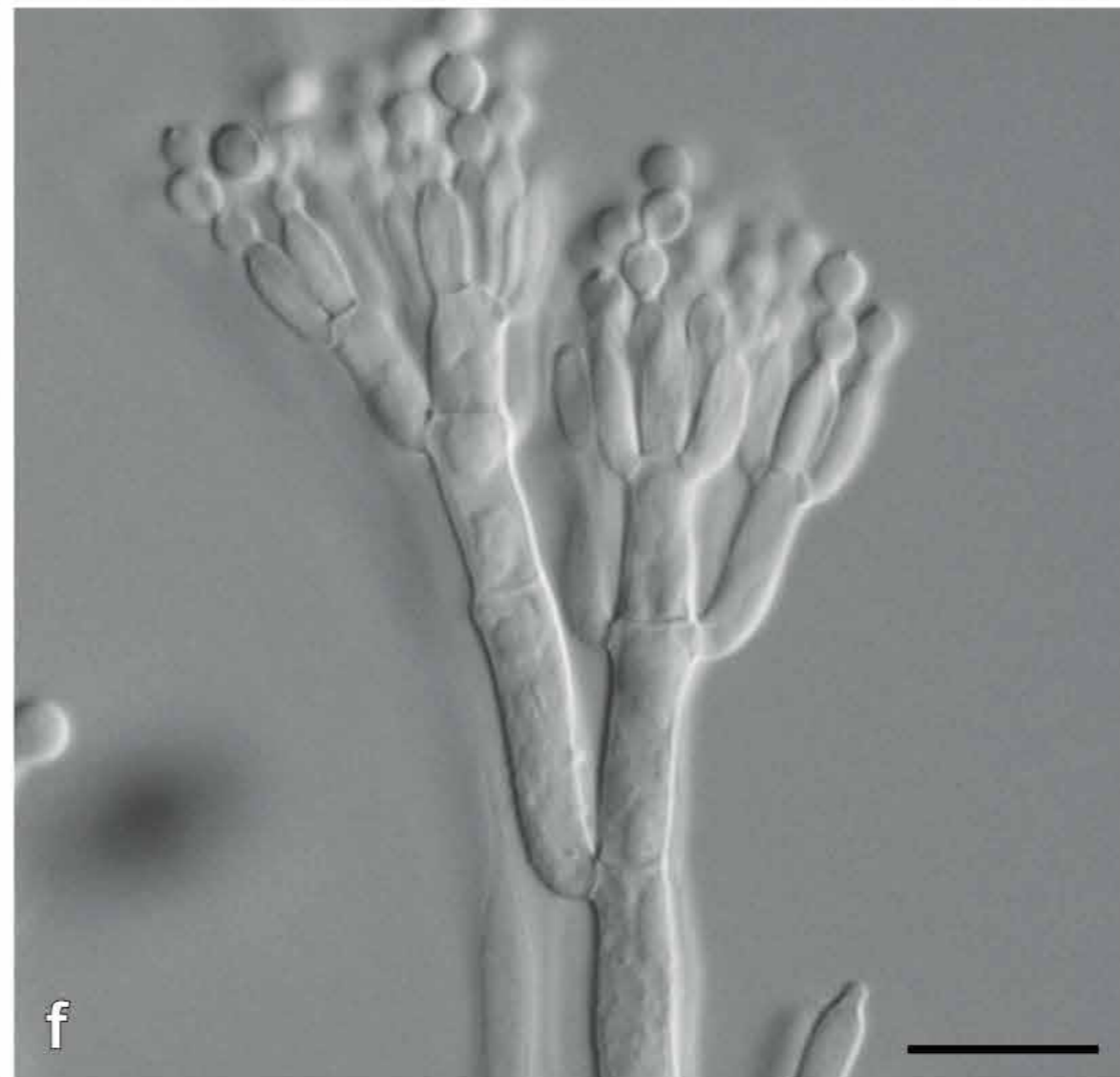
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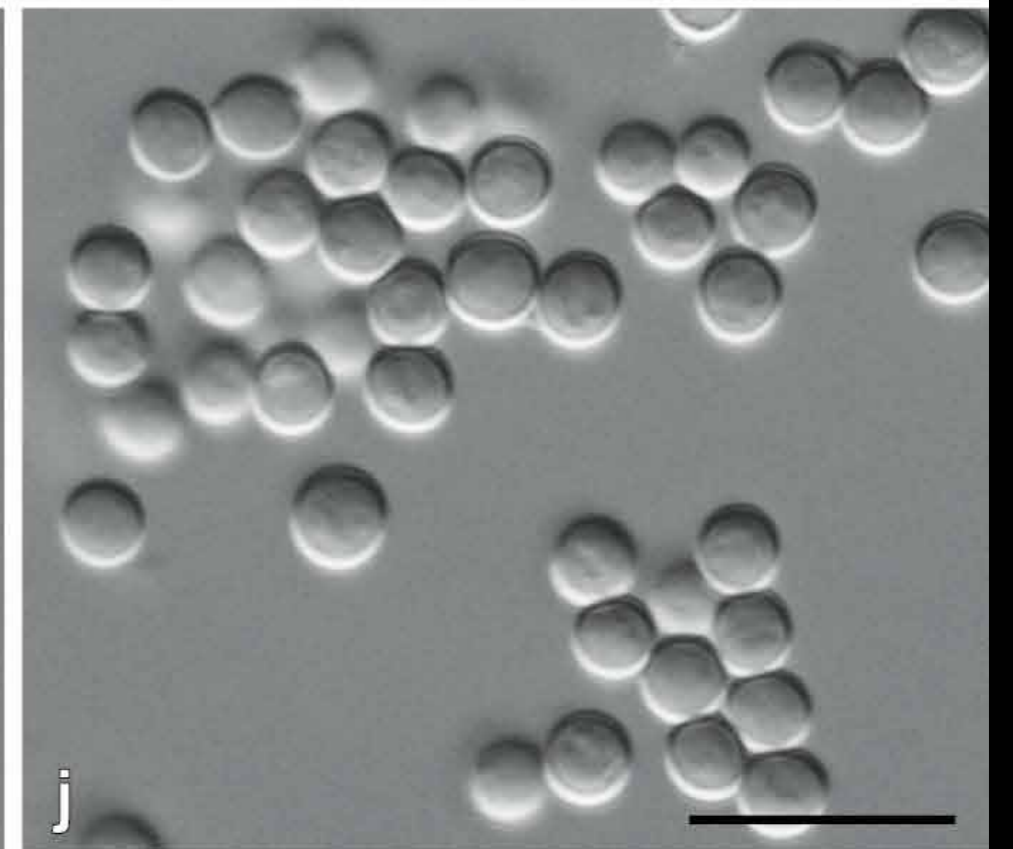
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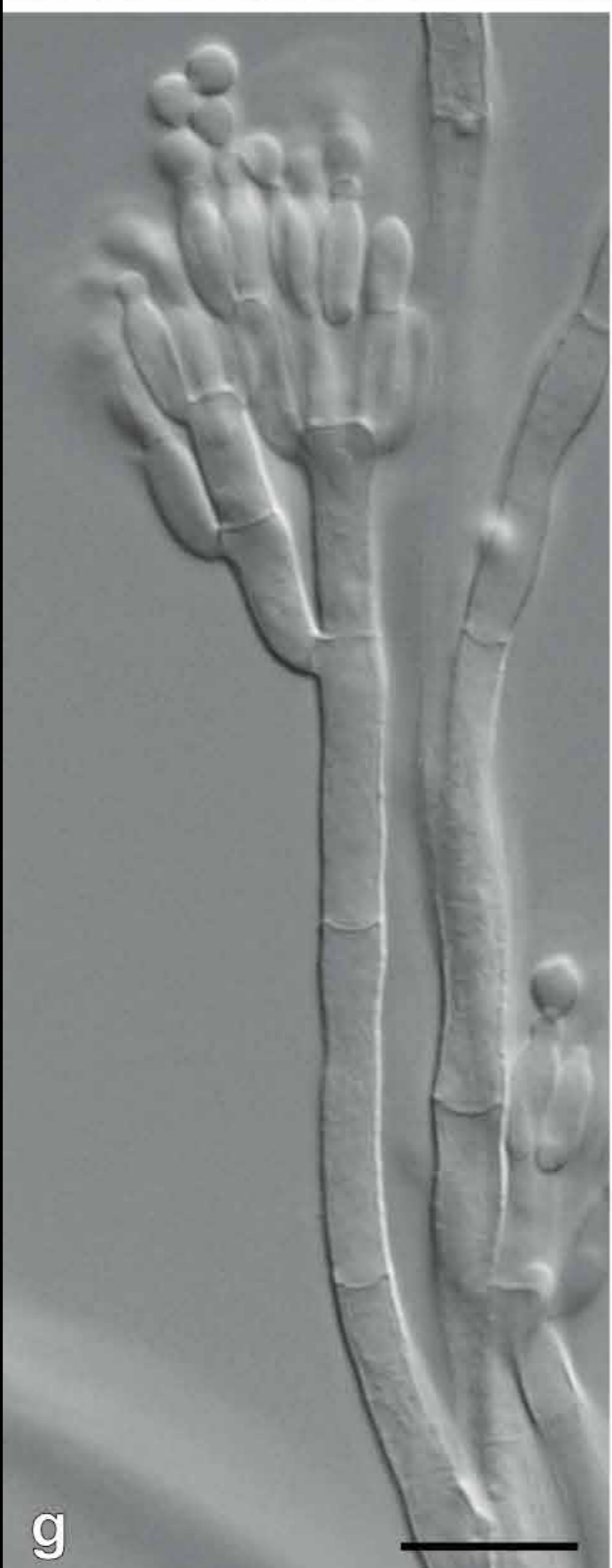
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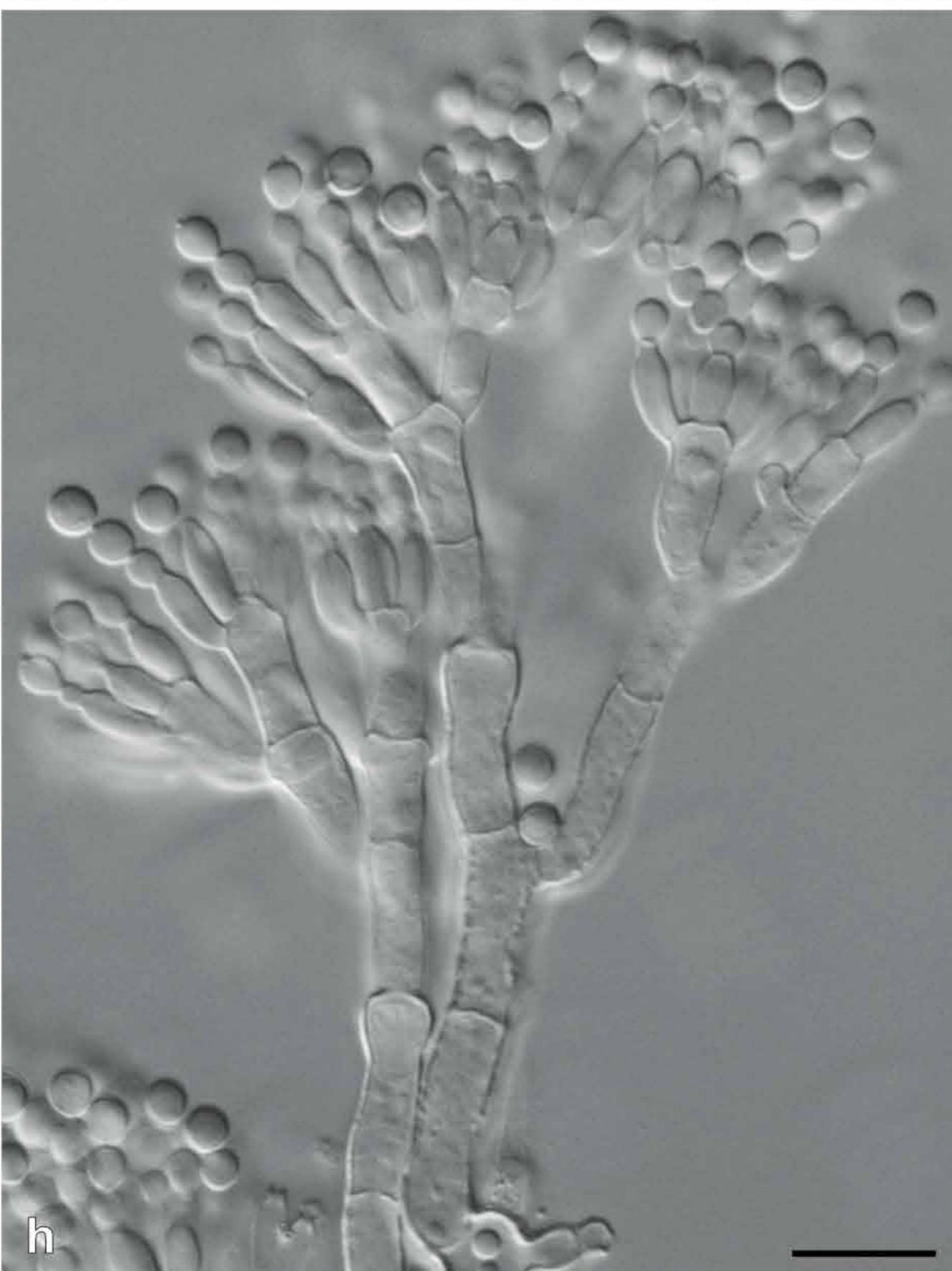
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j



g



h



i