Wound response in *Avicennia marina*

A mangrove species with successive cambia

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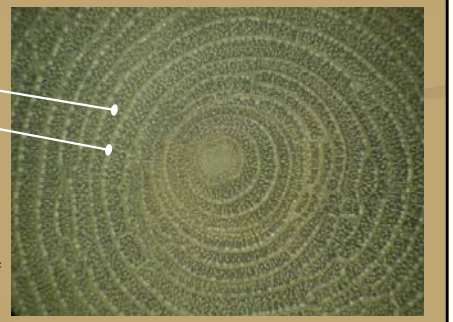
Successive cambia?

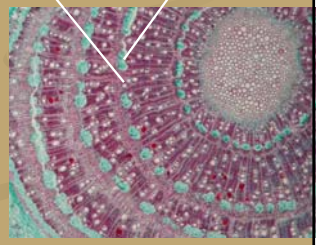
- Alternating bands ≠ annual tree rings



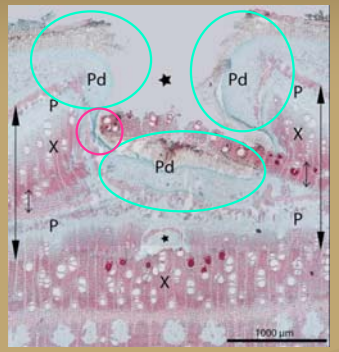
Sanded stem disc of *Avicennia marina*

Successive cambia?

3 growth layers are being formed at the time



Aim



- Wound tissue after pinning
  - From the outside
  - ALSO from the inside
- Connection between both wound periderms

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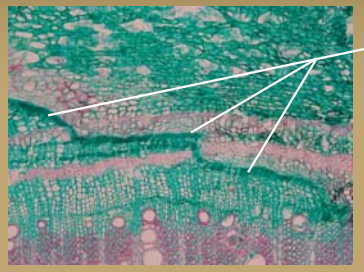
How is wound tissue formed in *Avicennia marina*?

Methodology

- Cambial marking with a needle of 0.8 mm ø of a series of trees
- Sampled at 1, 3, 5, 9, 12, 15 or 19 days after pinning

Results



Wound-induced cambia

Wound-induced aerial roots

For more information

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Have a look at my poster