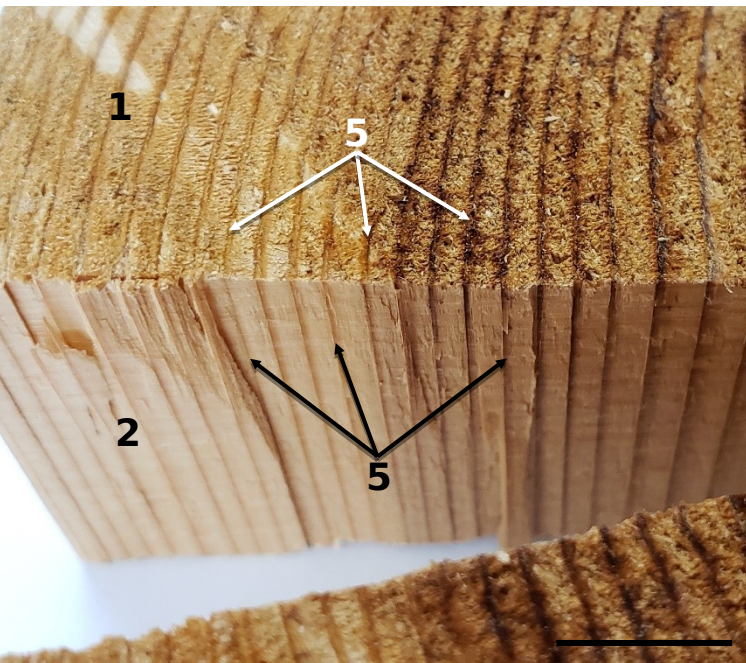
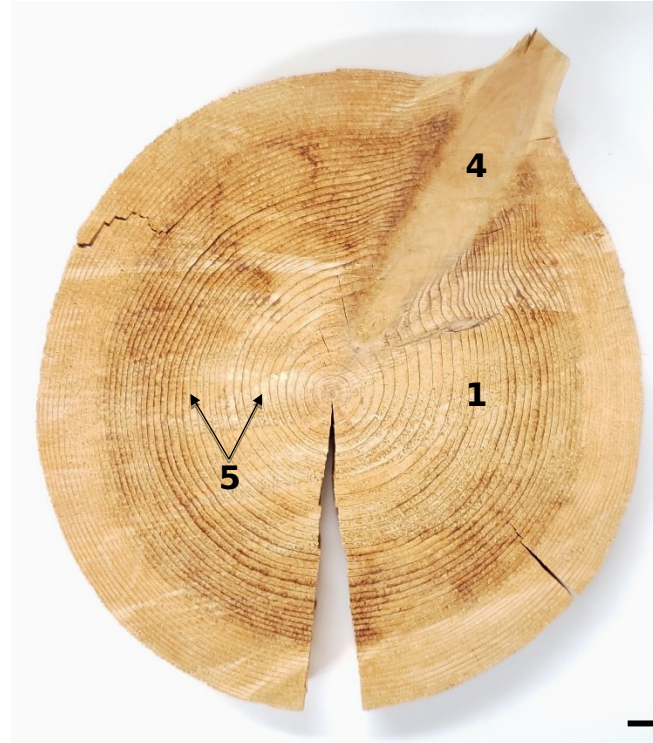
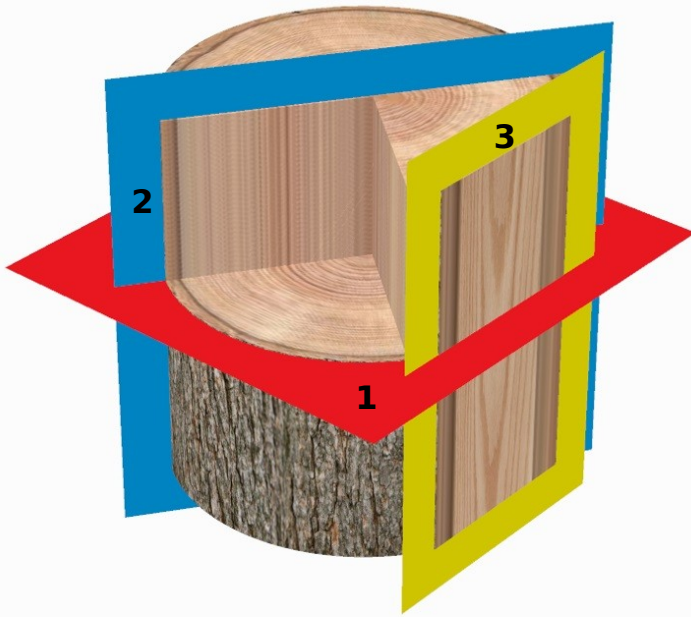


Wood Planes

1. Transverse plane
2. Radial longitudinal plane
3. Tangential longitudinal plane
4. Branch
5. Annular ring

Bar = 1 cm

CC BY SA on Lai and Carol Wenzel. 2020

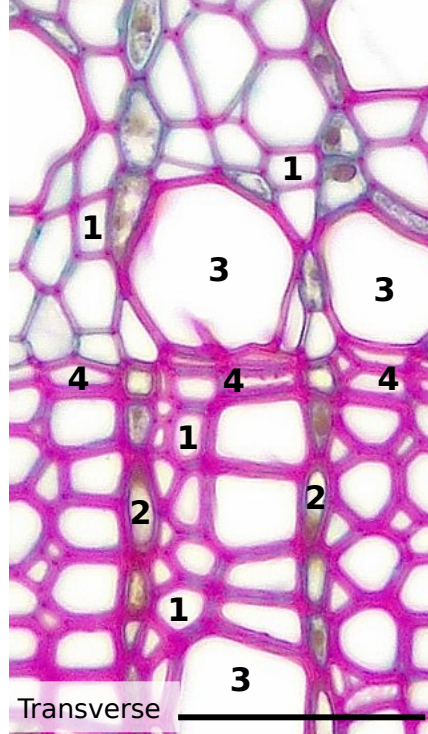
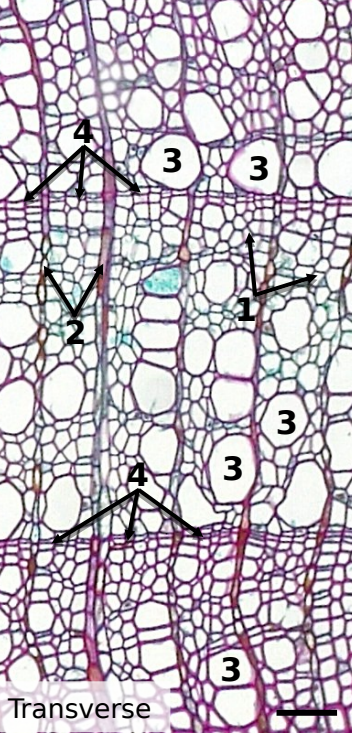


Angiosperm Wood

Tilia (Basswood)

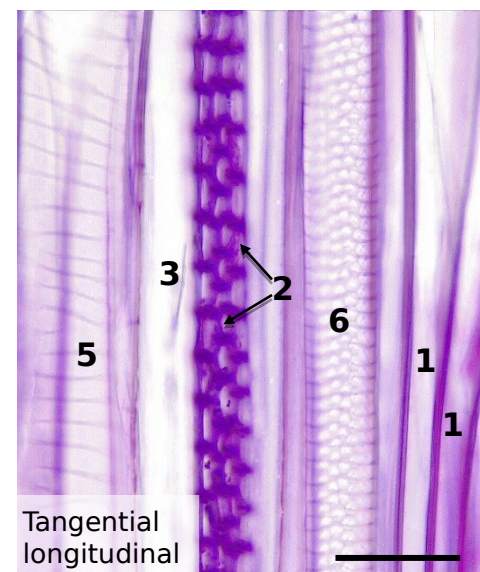
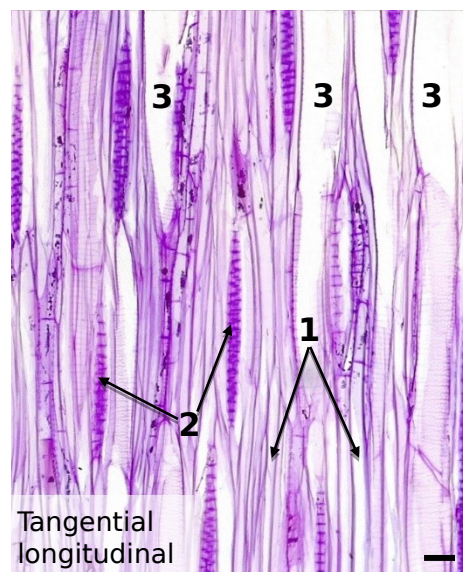
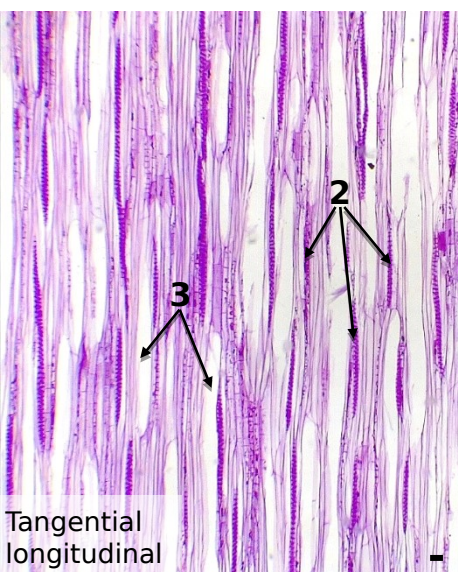
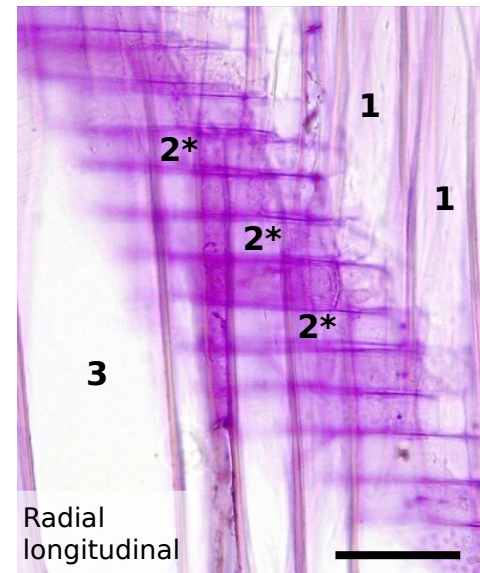
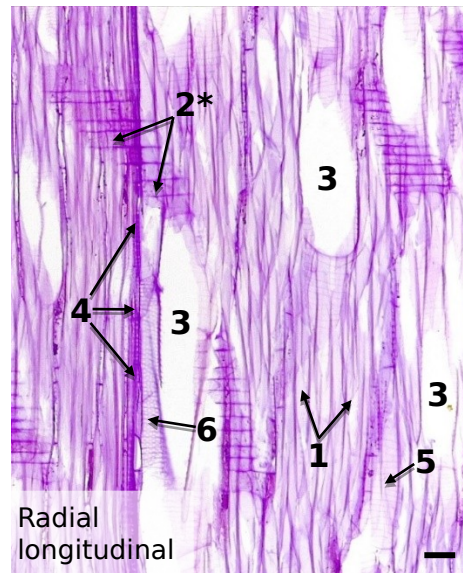
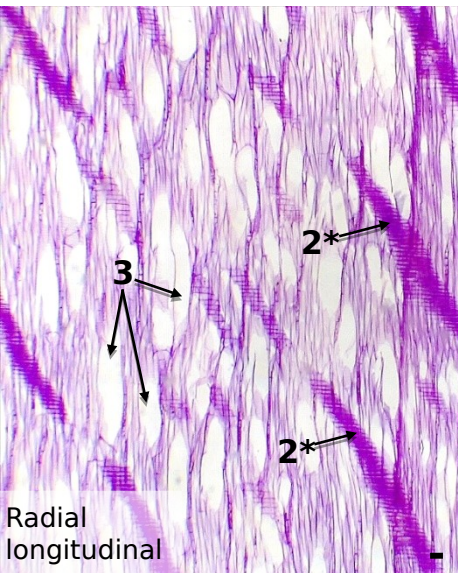
Diffuse Porous

1. Tracheid
2. Rays
- 2*. Rays, glancing section
3. Xylem vessel element
4. Annular ring
5. Annular/spiral 2° wall thickening
6. Reticulate 2° wall thickening



Bar = 50 μ m

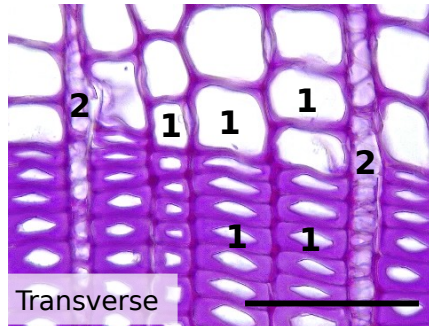
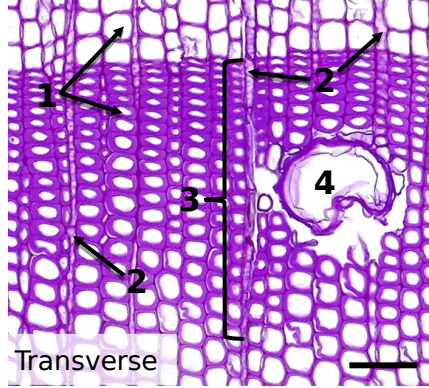
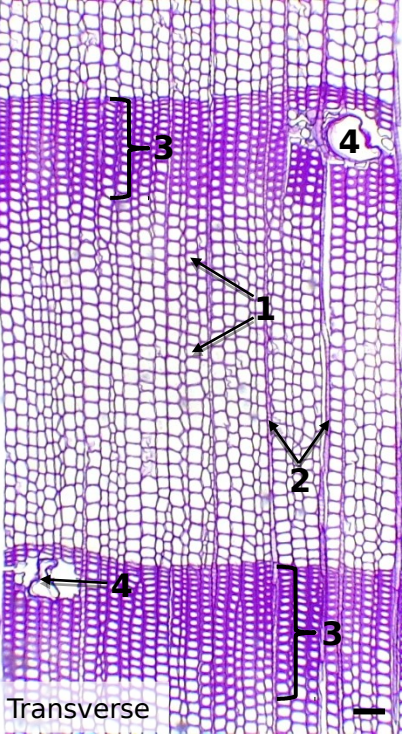
© on Lai and Carol Wenzel. 2020



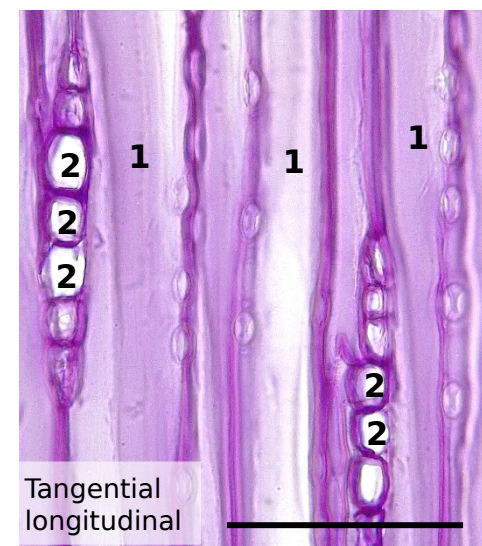
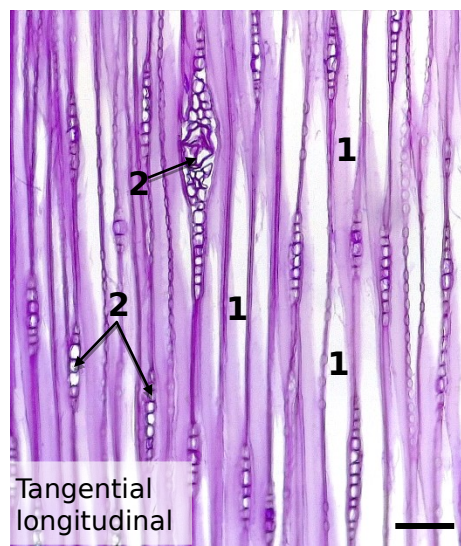
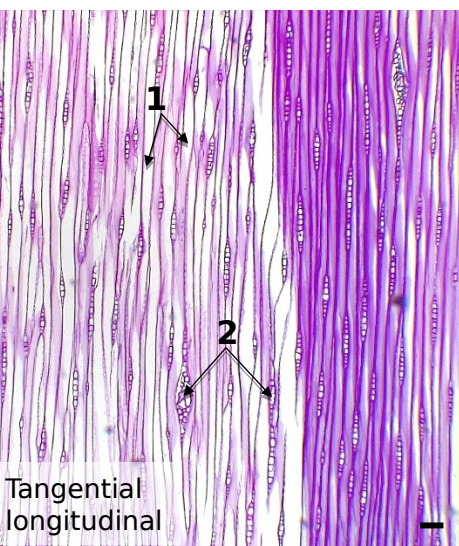
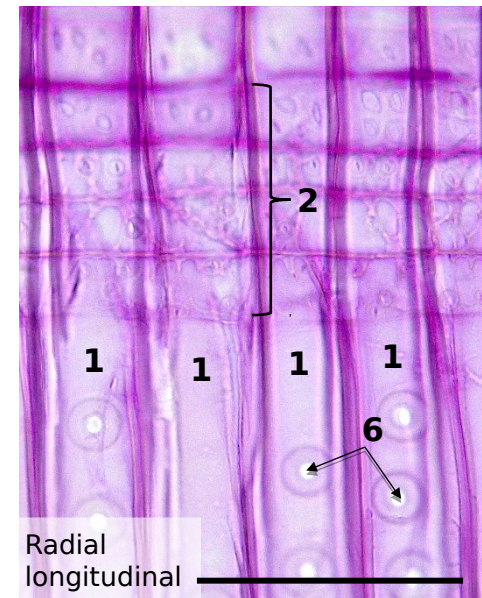
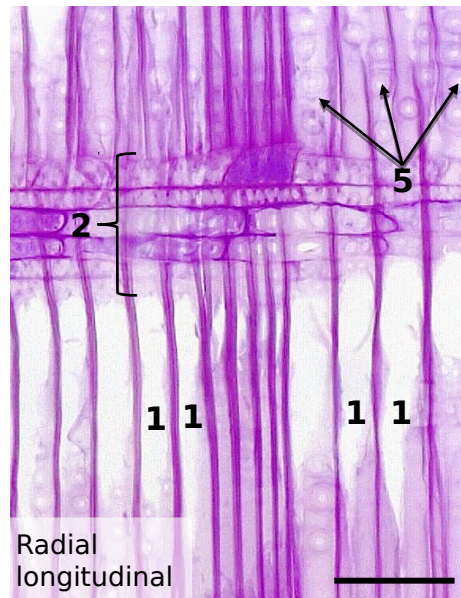
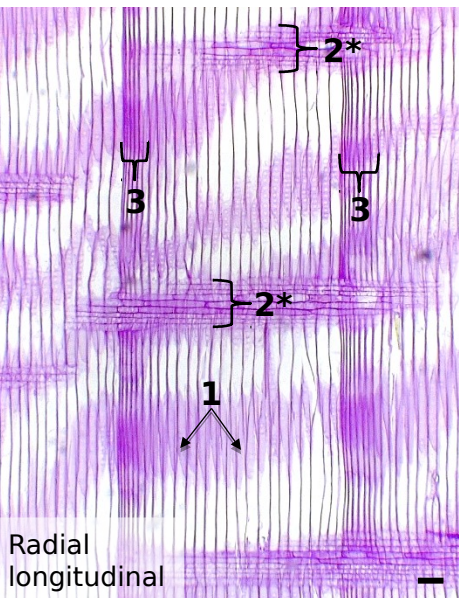
Gymnosperm Wood

Pinus (Pine)

1. Tracheid
2. Rays
- 2*. Rays, glancing section
3. Annular ring
4. Resin duct
5. Pitted 2° wall thickening
6. Cell wall pit

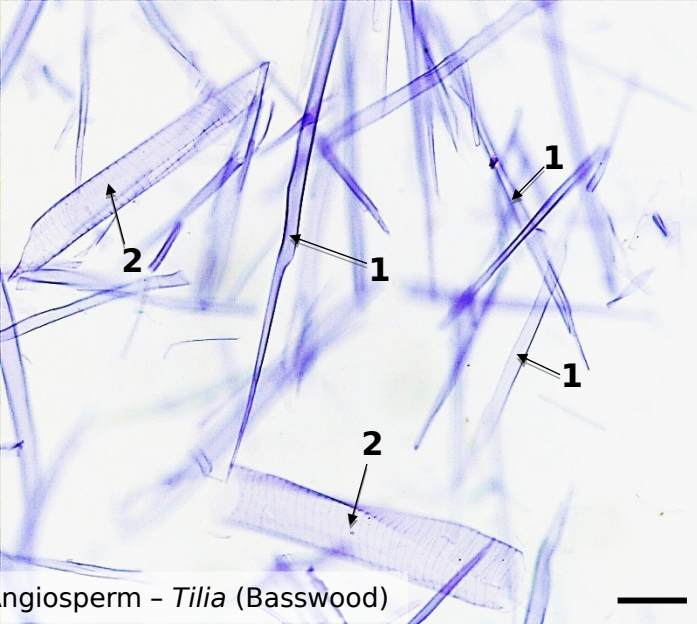


Bar = 100 μ m  on Lai and Carol Wenzel. 2020



Wood Maceration

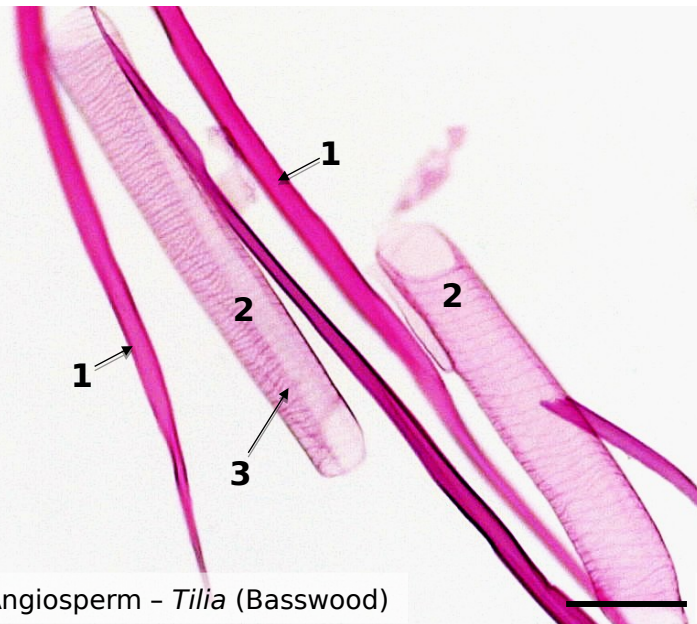
1. Tracheid
2. Xylem vessel element
3. Pitted 2° wall thickening
4. Cell wall pit



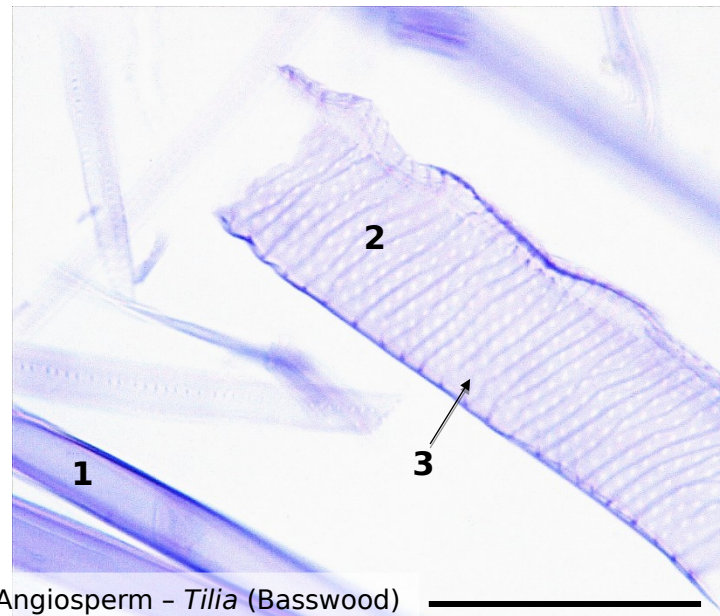
Angiosperm - *Tilia* (Basswood)

Bar = 100 μ m

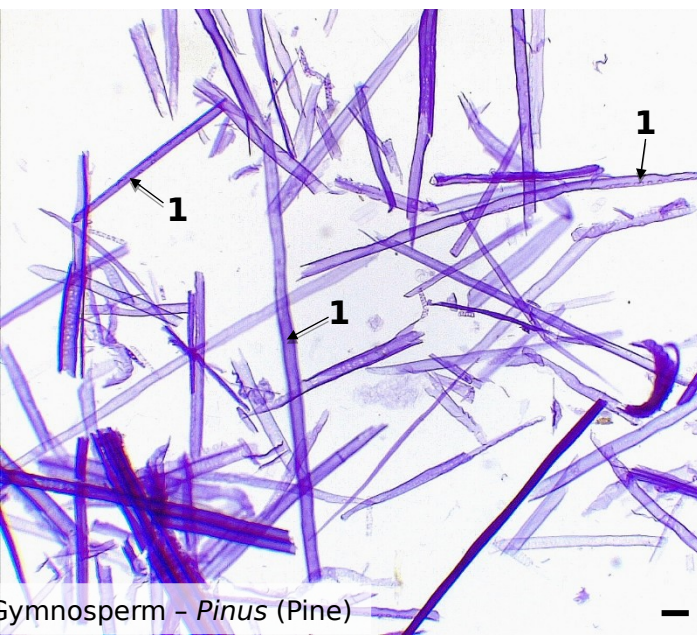
CC BY SA on Lai and Carol Wenzel. 2020



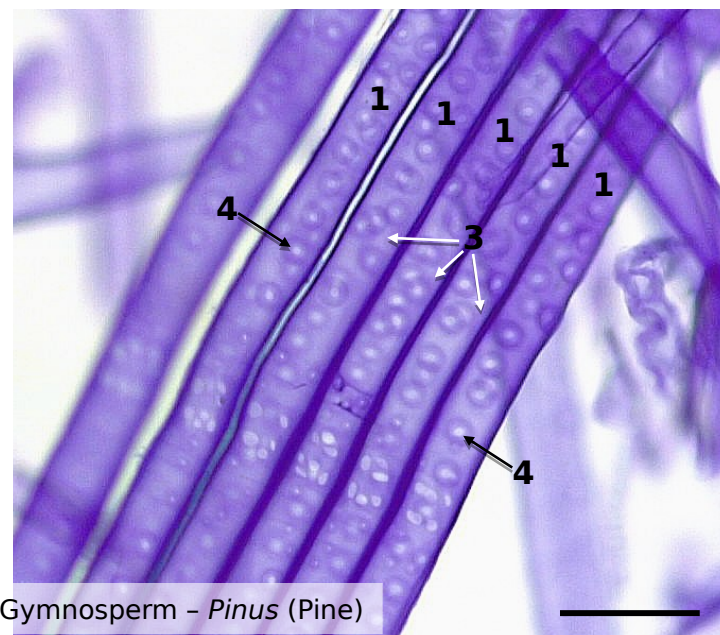
Angiosperm - *Tilia* (Basswood)



Angiosperm - *Tilia* (Basswood)



Gymnosperm - *Pinus* (Pine)



Gymnosperm - *Pinus* (Pine)