

Genuine mahogany (*Swietenia sp.*)

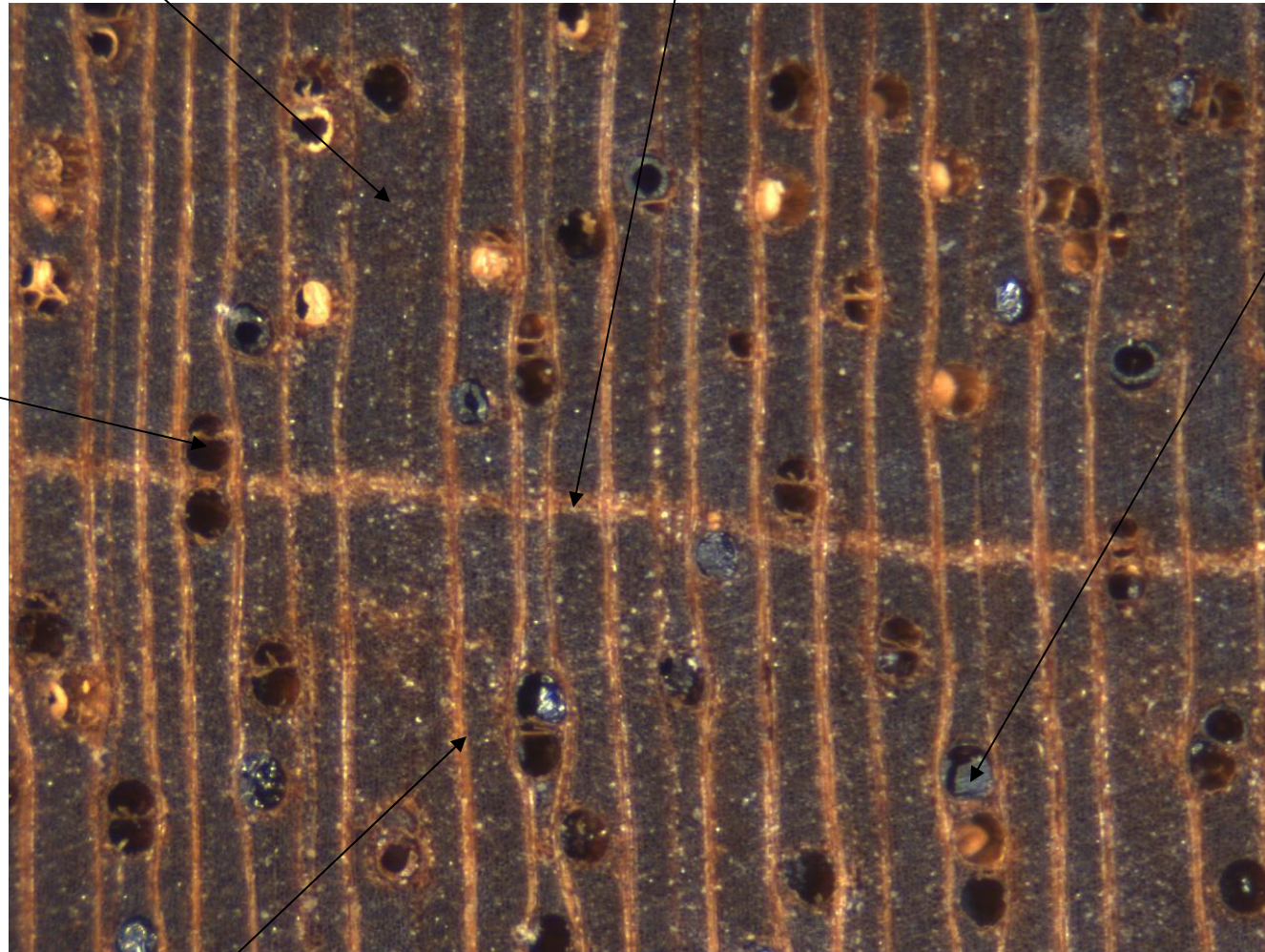
- Pale brown to dark reddish brown heartwood
- Dense wood
- Diffuse porous
 - pores solitary and in radial multiples
 - gum deposits in some pores
- Rays distinct with hand lens
- Boundary parenchyma visible

Fibers

Growth ring boundary

Gum deposit

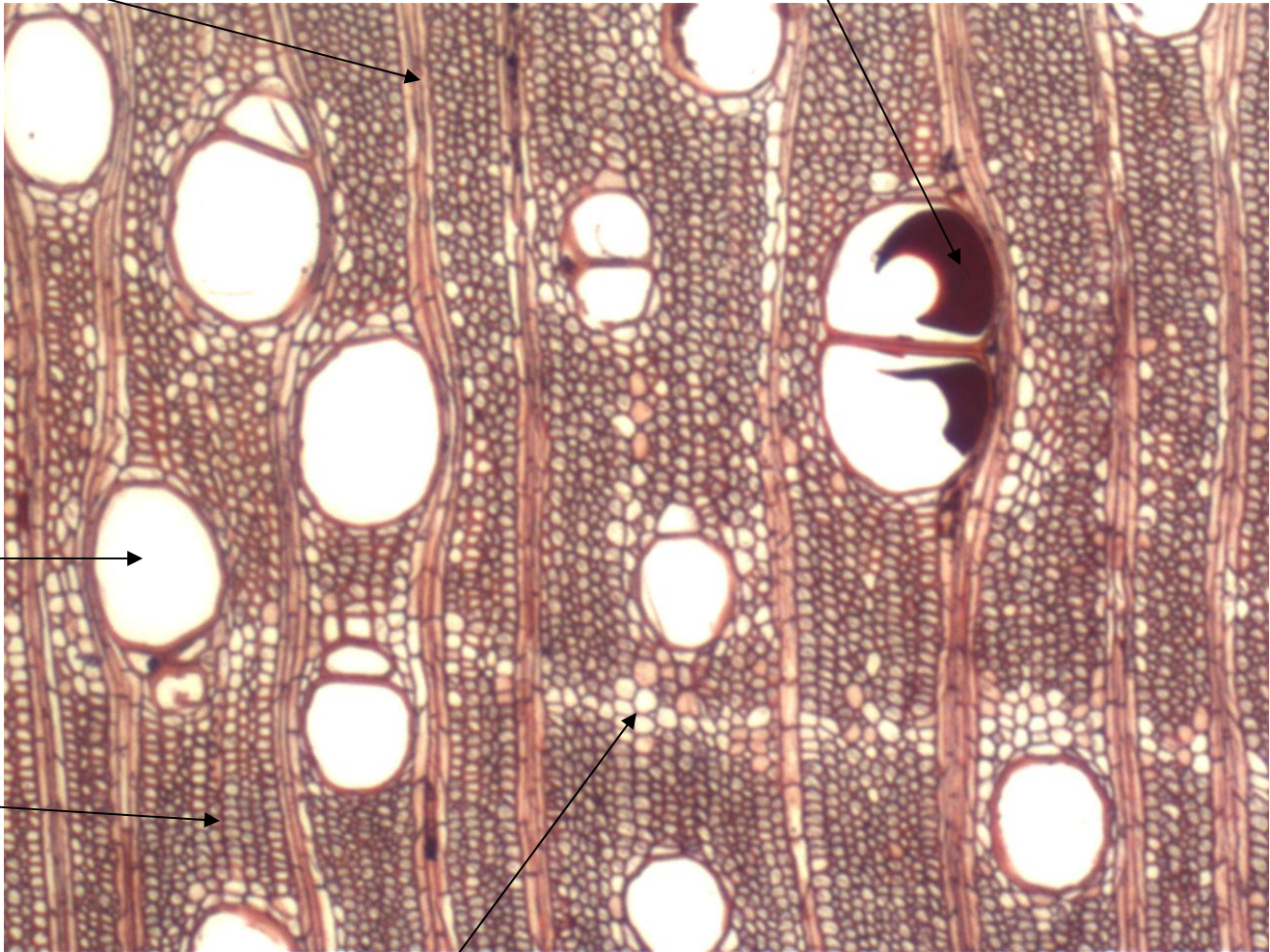
Pore



Multiseriate ray

Multiseriate ray

Gum deposit



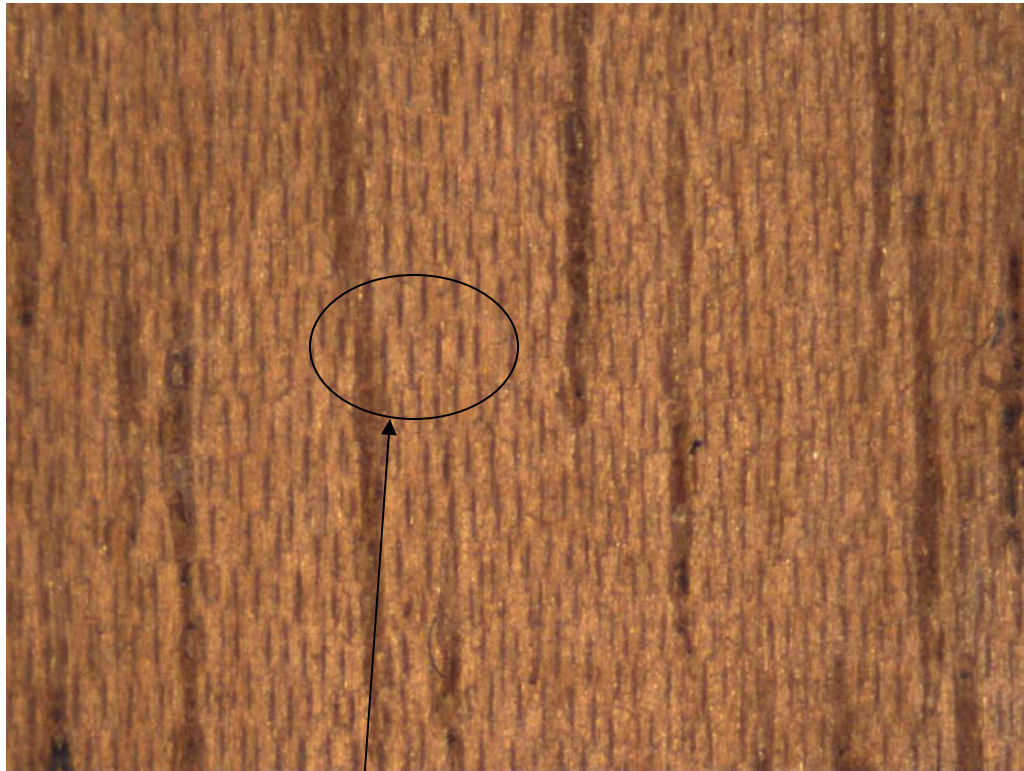
Pore

Fibers

Marginal parenchyma

Tangential surface

End grain



Ripple marks
(groupings of ray ends)