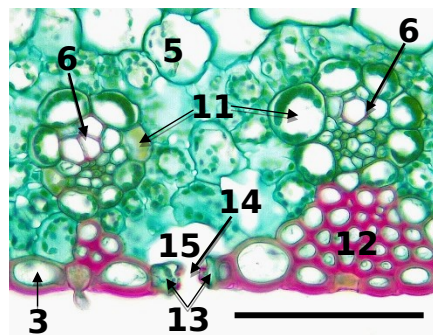
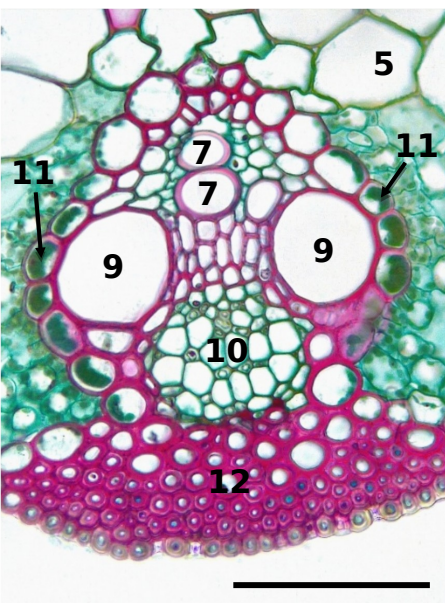
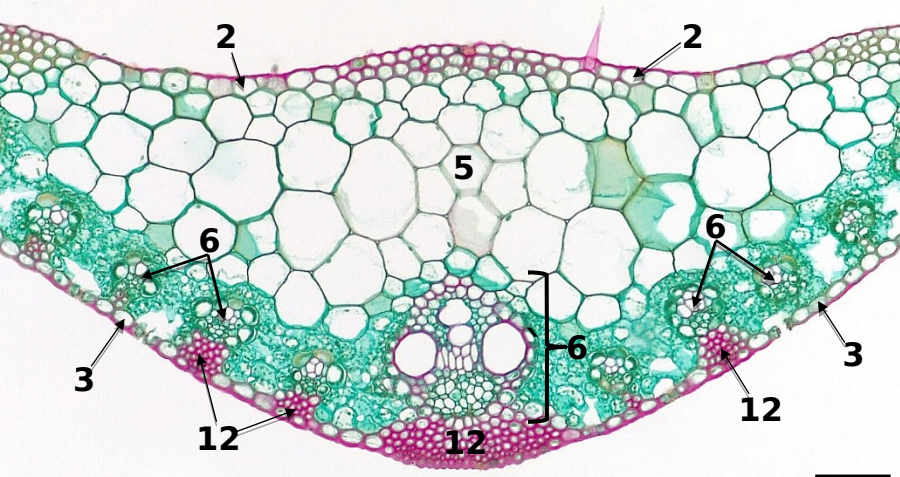
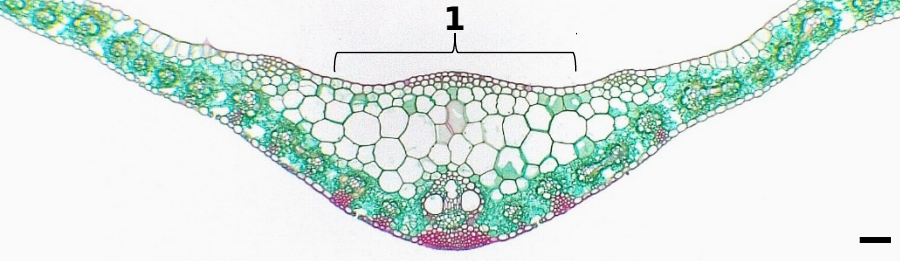


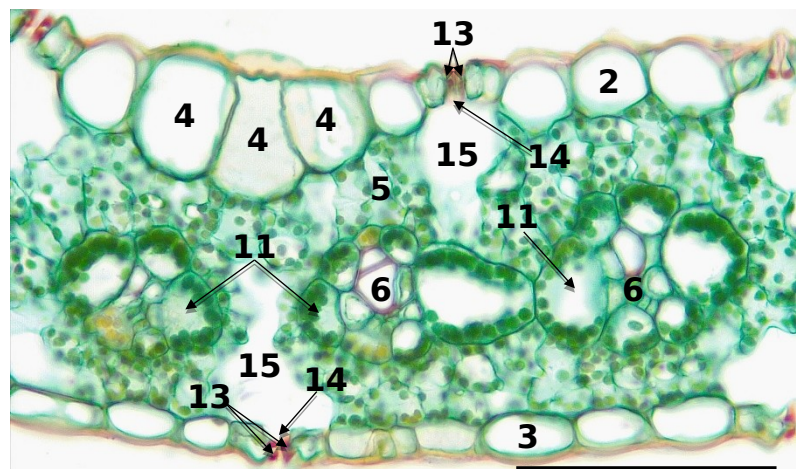
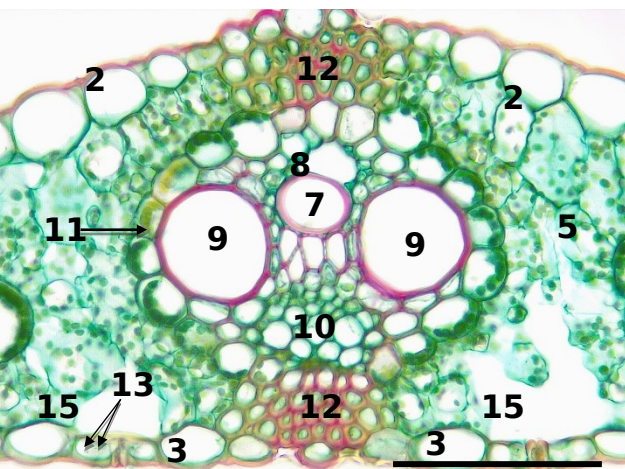
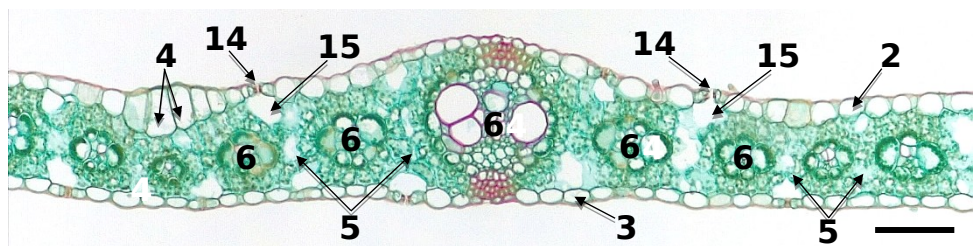
Monocot Leaf

1. Midrib region
2. Epidermis (adaxial)
3. Epidermis (abaxial)
4. Bulliform cell
5. Mesophyll
6. Vascular bundle
7. Protoxylem
8. Protoxylem lacuna
9. Metaxylem
10. Primary phloem
11. Bundle sheath cell
12. Sclerenchyma
13. Guard cell
14. Stoma
15. Substomatal cavity



Transverse sections

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

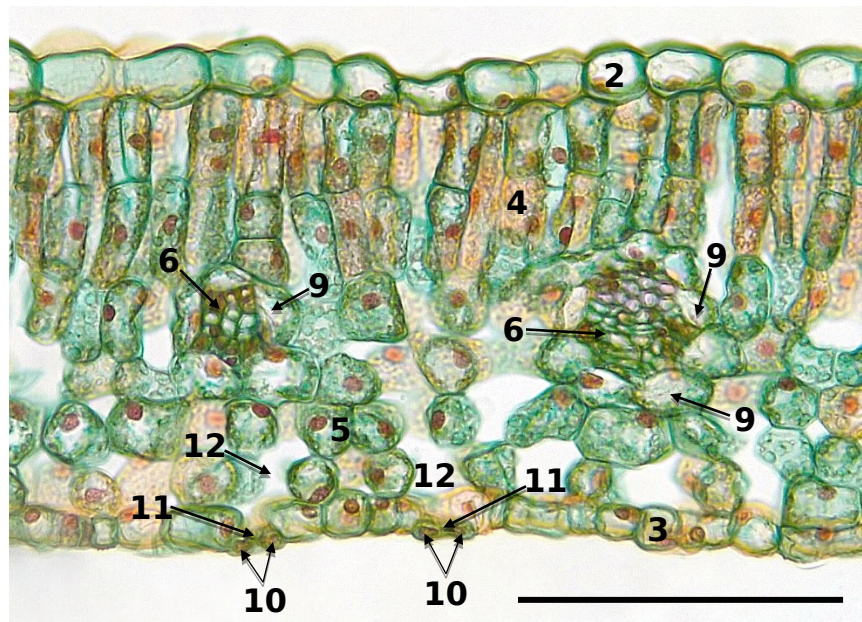
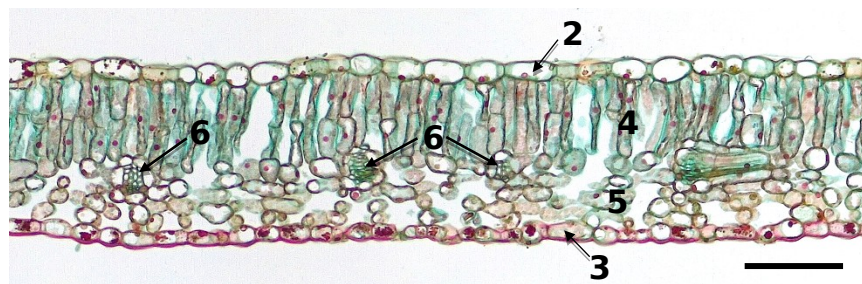
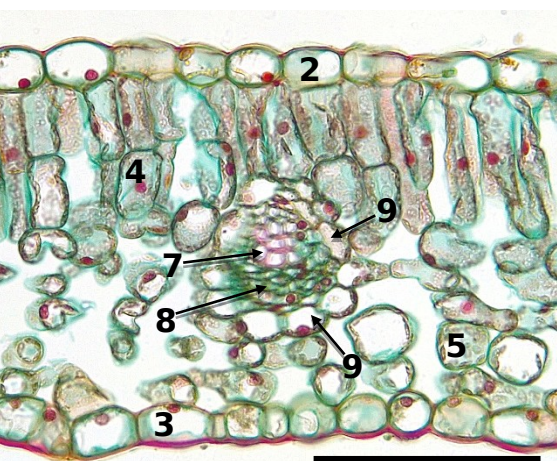
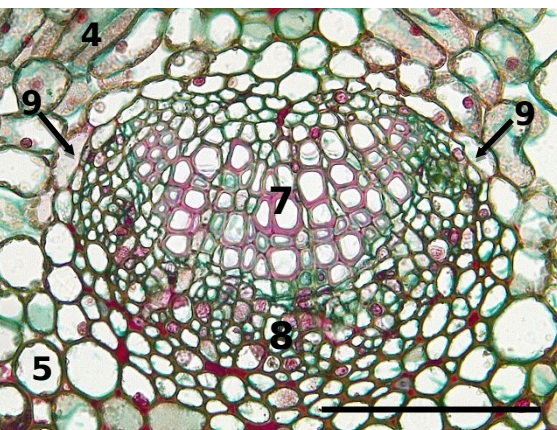
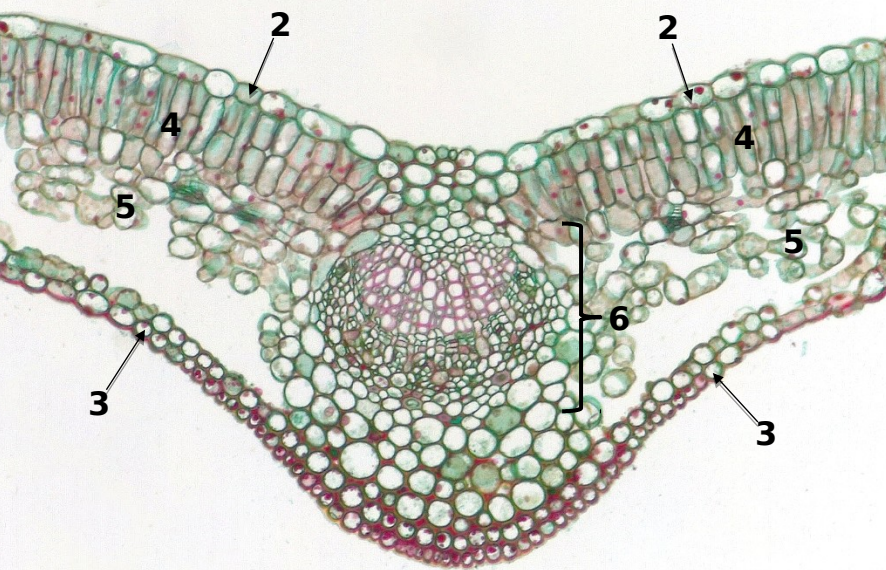
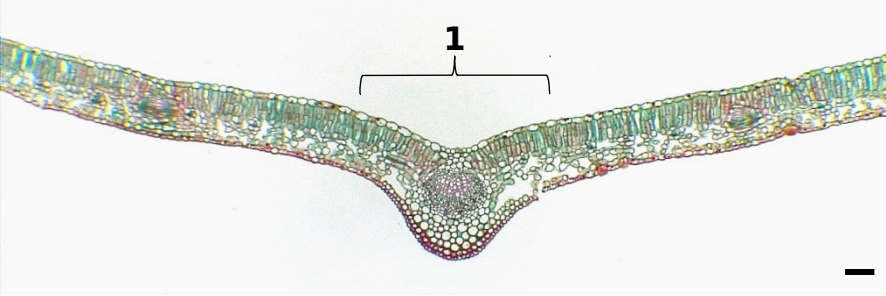


Dicot Leaf

1. Midrib region
2. Epidermis (adaxial)
3. Epidermis (abaxial)
4. Palisade mesophyll
5. Spongy mesophyll
6. Vascular bundle
7. Primary xylem
8. Primary phloem
9. Bundle sheath cell
10. Guard cell
11. Stoma
12. Substomatal cavity

Transverse sections

Bar = 100 μm  on Lai and Carol Wenzel. 2020



Gymnosperm Leaf

Pinus (Pine)

Needle

1. Needle
2. Fascicle sheath
3. Fascicle sheath remnant
4. Epidermis (adaxial)
5. Epidermis (abaxial)
6. Hypodermis
7. Mesophyll
8. Resin duct
9. Endodermis
10. Transfusion tissue
11. Vascular bundle
12. Xylem
13. Phloem
14. Stoma
15. Substomatal cavity

Transverse sections

Bar = 100 μ m

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