

Dicot Root

Ranunculus (Buttercup)

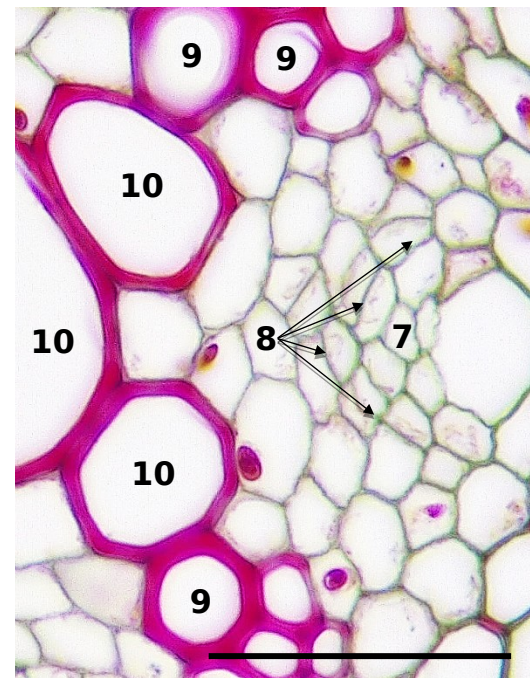
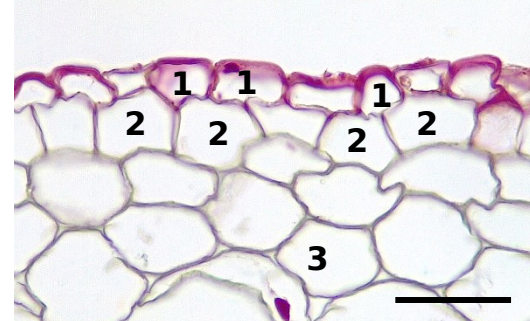
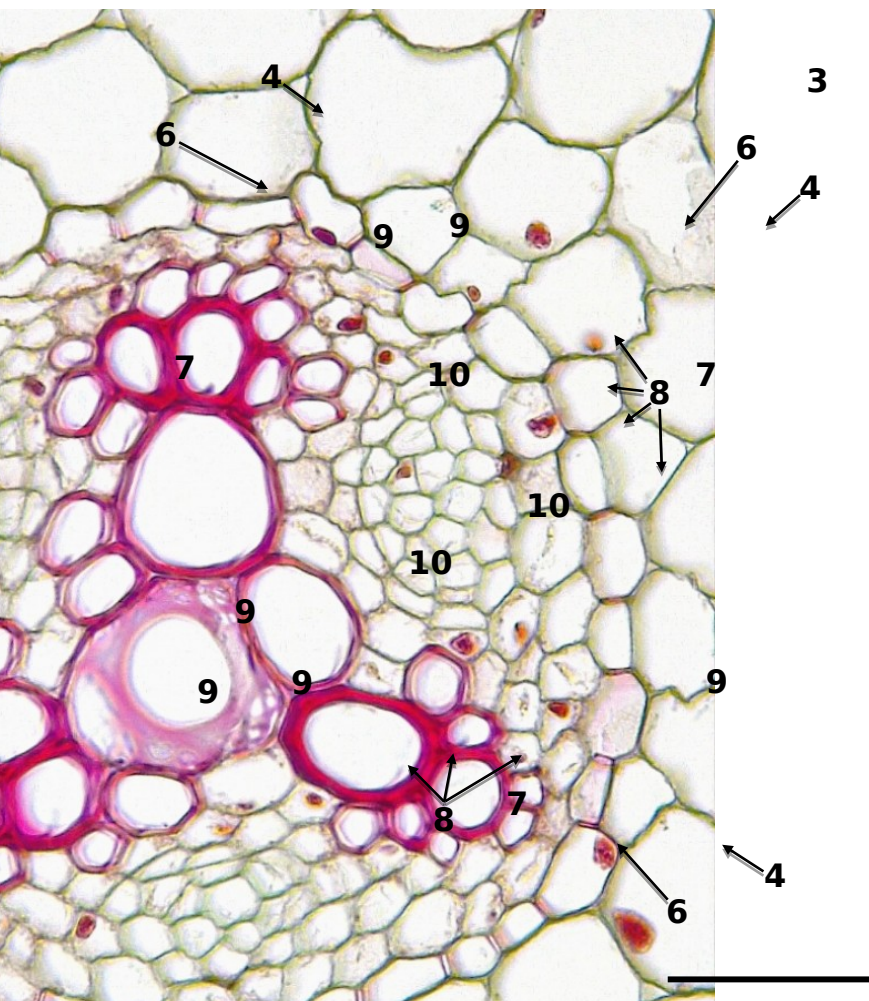
Immature

1. Epidermis
2. Hypodermis
3. Cortex
4. Endodermis
5. Vascular cylinder (stele)
6. Pericycle
7. Primary phloem
8. Vascular cambium
9. Protoxylem
10. Metaxylem

Transverse sections

Broken cortex

Bar = 50 μ m  on Lai and Carol Wenzel. 2020

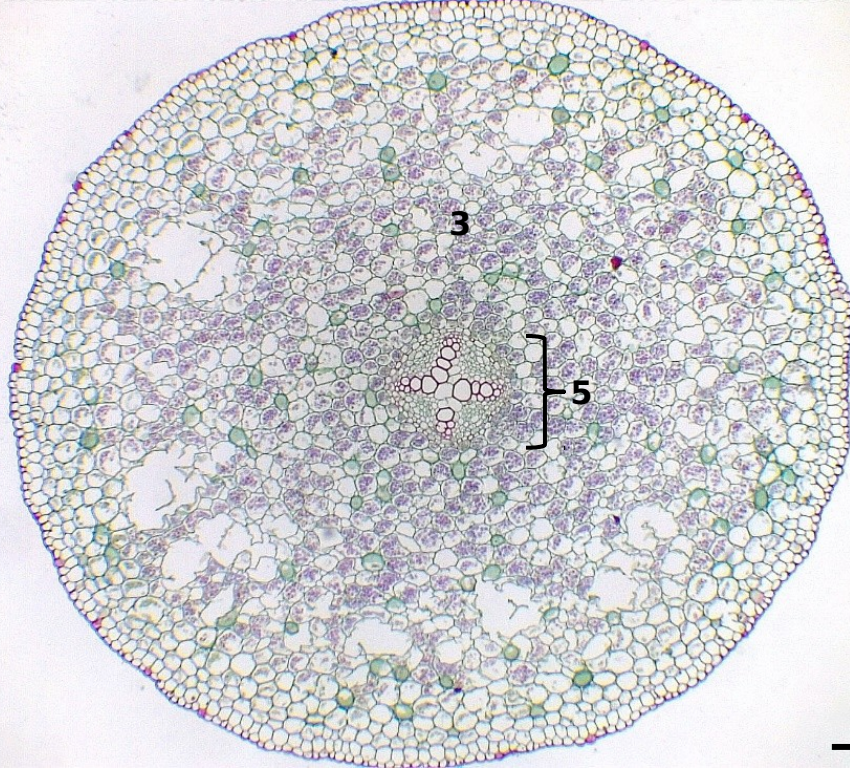


Dicot Root

Ranunculus (Buttercup)

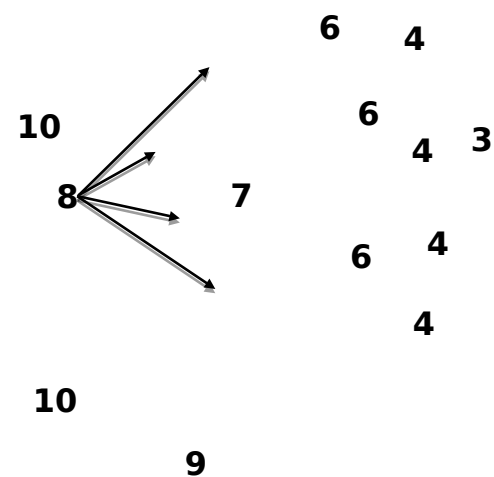
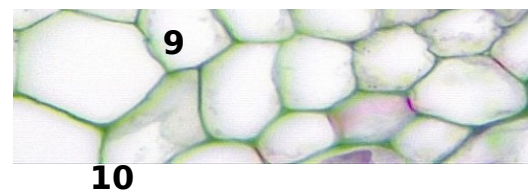
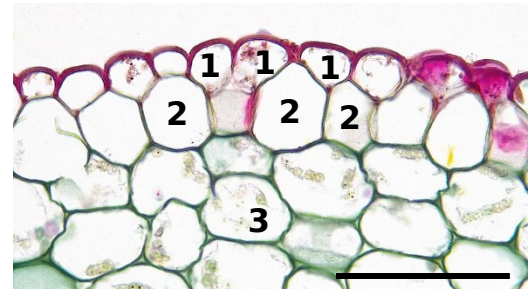
Mature

1. Epidermis
2. Hypodermis
3. Cortex
4. Endodermis
5. Vascular cylinder (stele)
6. Pericycle
7. Primary phloem
8. Vascular cambium
9. Protoxylem
10. Metaxylem



Transverse sections

Bar = 100 μm  on Lai and Carol Wenzel. 2020



Dicot Root

Primary Growth

1. Epidermis
2. Hypodermis
3. Cortex
4. Endodermis
5. Passage cell
6. Vascular cylinder (stele)
7. Pericycle
8. Primary phloem
9. Vascular cambium
10. Protoxylem
11. Metaxylem

Transverse sections

Bar = 50 μ m

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