

Stem Tip

Plectranthus scutellarioides (Coleus)

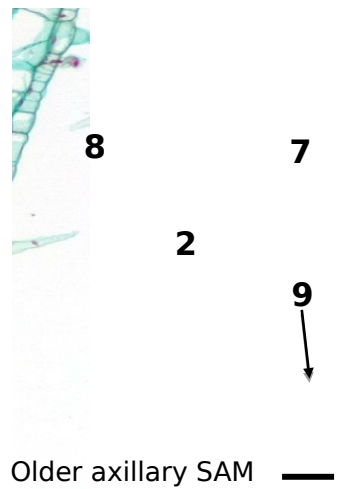
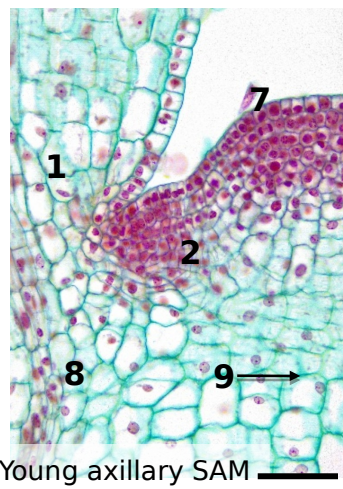
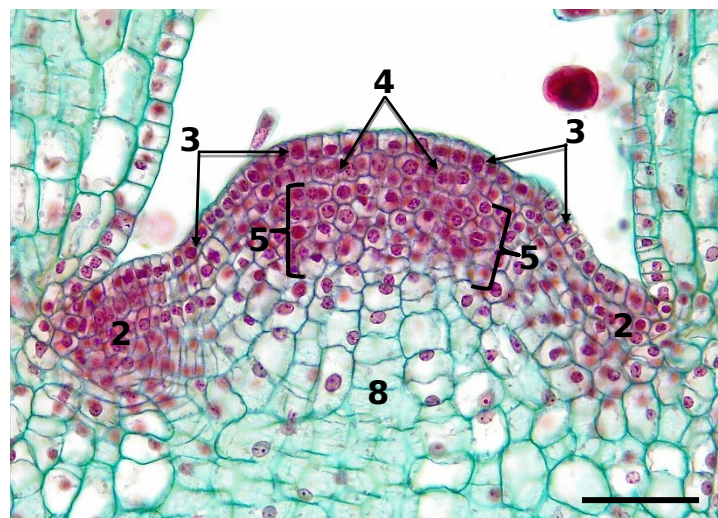
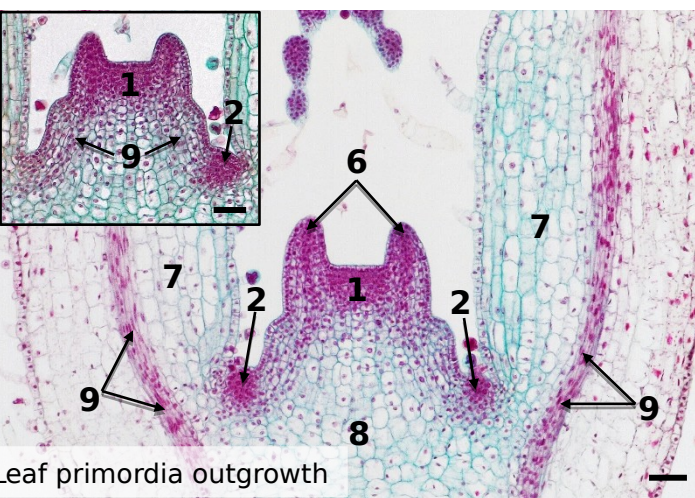
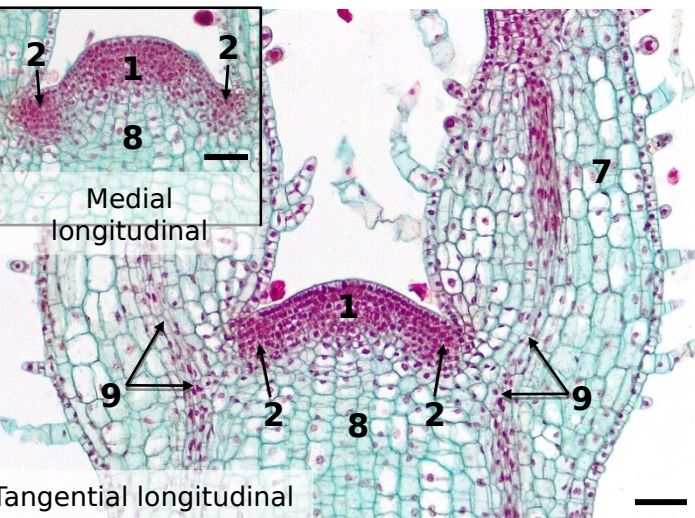
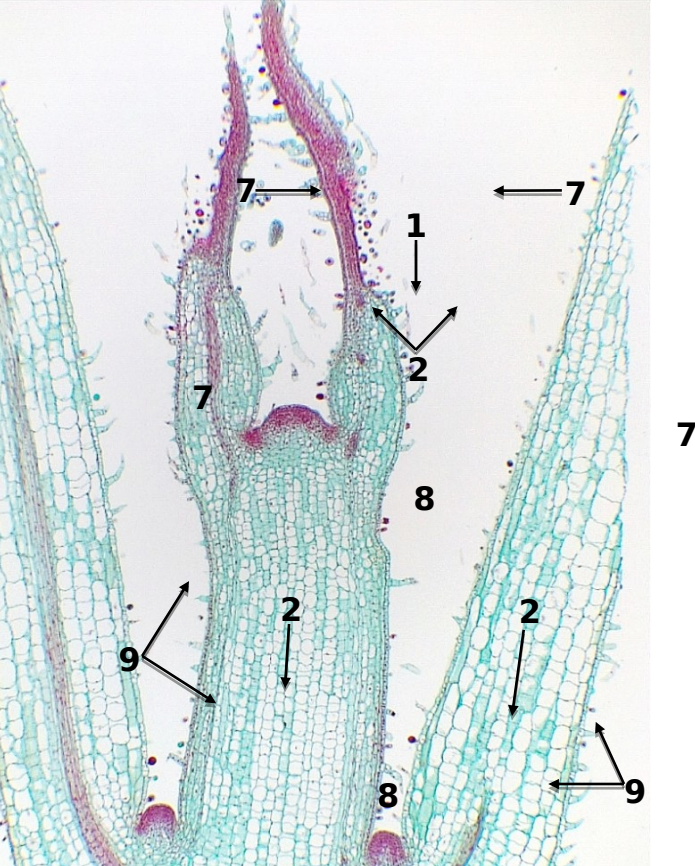
1. Terminal SAM*
2. Axillary SAM
3. Layer 1
4. Layer 2
5. Layer 3
6. Leaf primordium
7. Older leaf
8. Stem
9. Vascular strands

*SAM = Shoot Apical Meristem

Longitudinal sections

Bar = 50 μ m

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Young axillary SAM

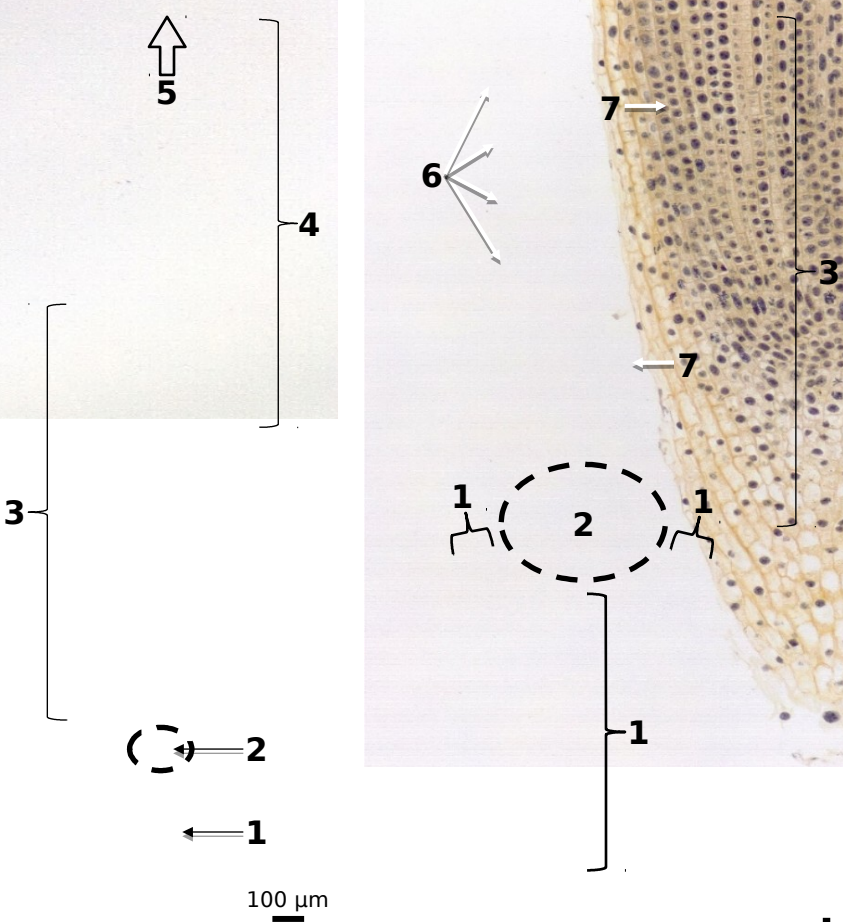
Older axillary SAM

Root Tip

Allium (Onion)

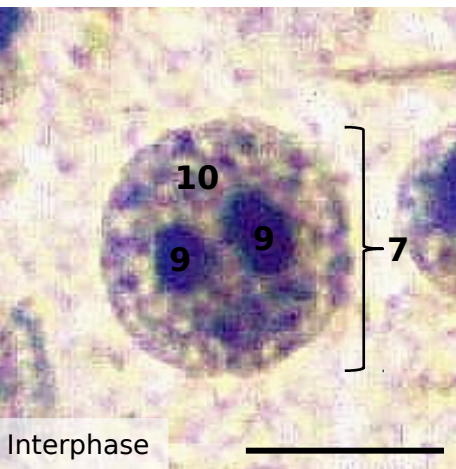
1. Root cap
2. Root apical meristem region
3. Zone of division
4. Zone of elongation
5. Zone of maturation
6. Cell file
7. Nucleus
8. Cell wall
9. Nucleolus
10. Decondensed chromatin
11. Condensed chromatin
12. Chromosome

Longitudinal sections

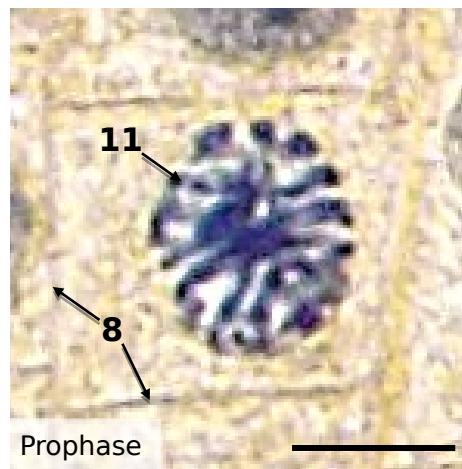


Bar = 10 μm

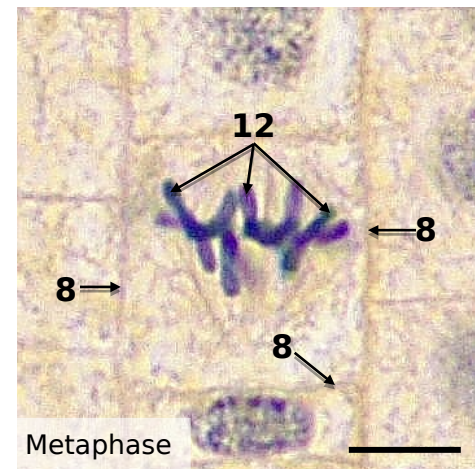
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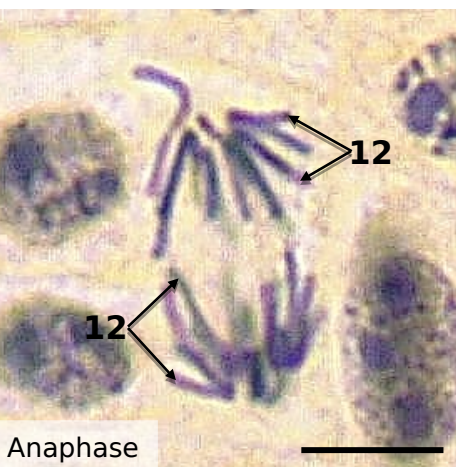
Interphase



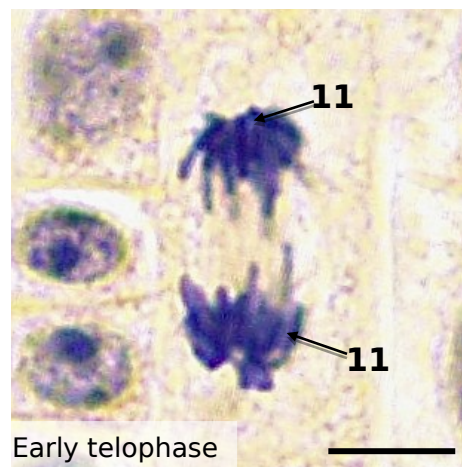
Prophase



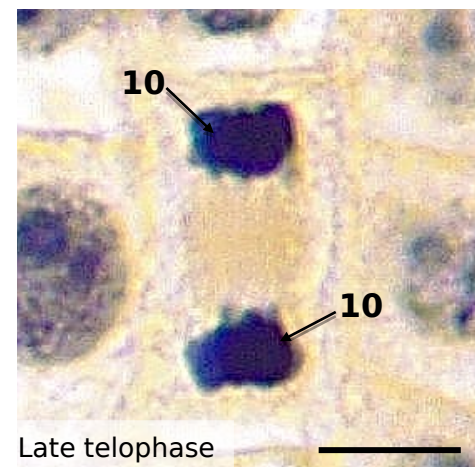
Metaphase



Anaphase



Early telophase



Late telophase