

PLANT ~ PART 2

PRIMARY AND SECONDARY GROWTH

Meristems:

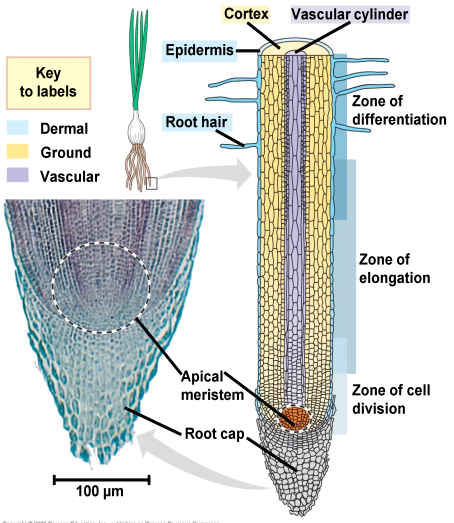
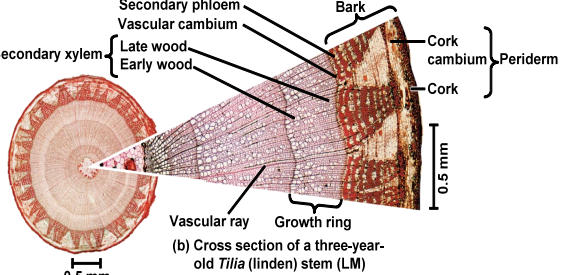
<p>Fig. 35-13</p>  <p>Key to labels</p> <ul style="list-style-type: none"> Dermal (Blue) Ground (Yellow) Vascular (Purple) <p>Labels: Cortex, Vascular cylinder, Epidermis, Root hair, Zone of differentiation, Zone of elongation, Zone of cell division, Apical meristem, Root cap.</p> <p>Scale bar: 100 μm</p> <p><small>Copyright © 2008 Pearson Education, Inc., publishing as Pearson Benjamin Cummings.</small></p>	<p>Fig. 35-19b</p>  <p>Labels: Secondary phloem, Vascular cambium, Bark, Cork cambium, Periderm, Cork, Secondary xylem, Late wood, Early wood, Vascular ray, Growth ring.</p> <p>(b) Cross section of a three-year-old <i>Tilia</i> (linden) stem (LM)</p> <p>Scale bar: 0.5 mm</p> <p><small>Copyright © 2008 Pearson Education, Inc., publishing as Pearson Benjamin Cummings.</small></p>

Fig. 35-19a3

(a) Primary and secondary growth in a two-year-old stem

