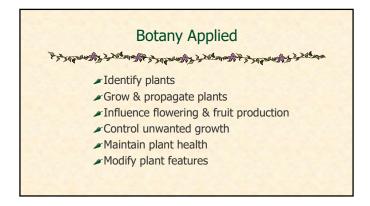
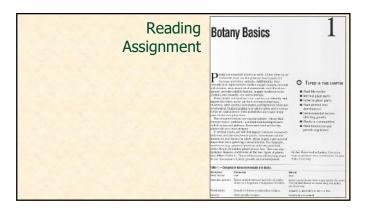
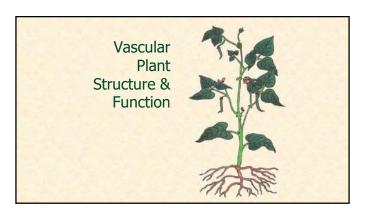


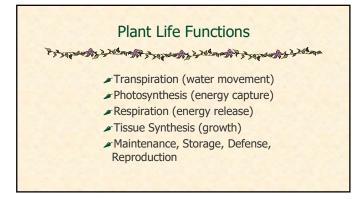
Plants in our Ecosystem Capture sun's energy Food source Replenish atmospheric oxygen Participate in water cycle Moderate world climate Provide shelter Source of numerous raw materials

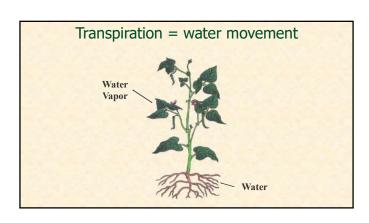


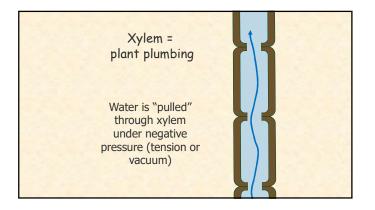


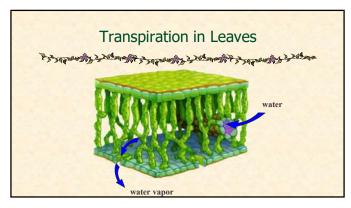


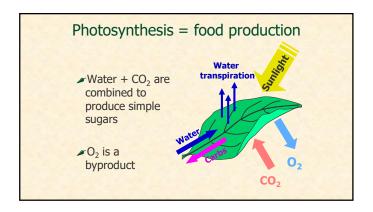


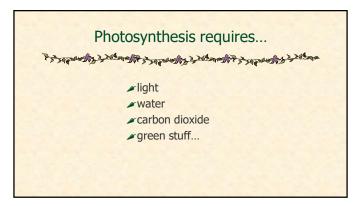




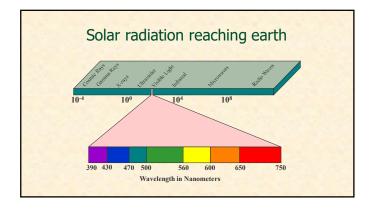


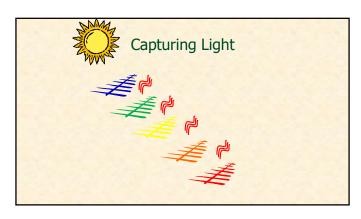


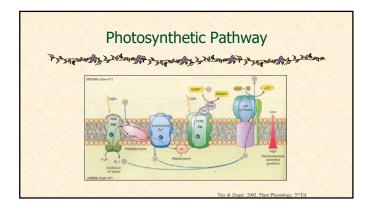


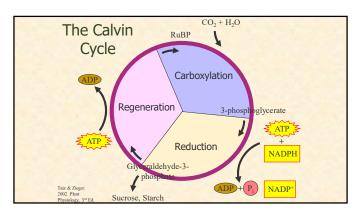


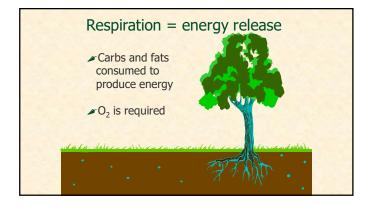






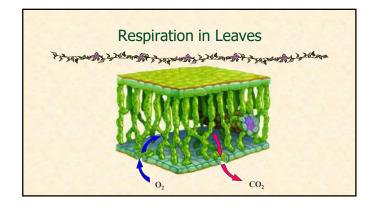


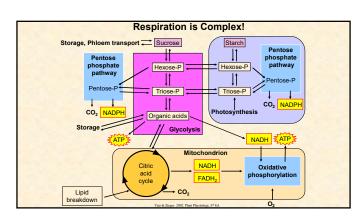


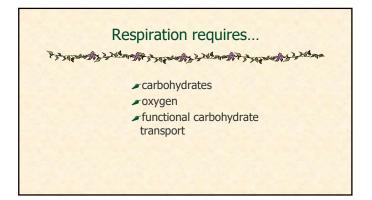


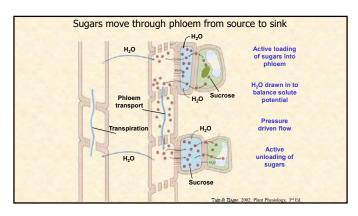


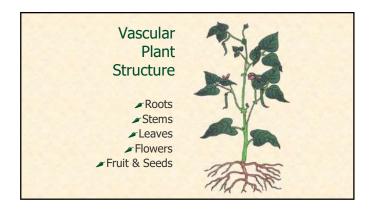


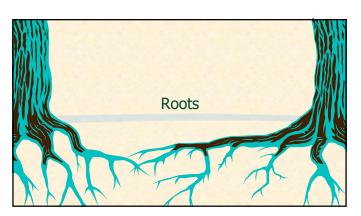




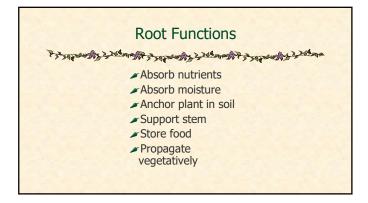


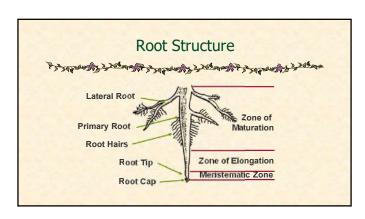


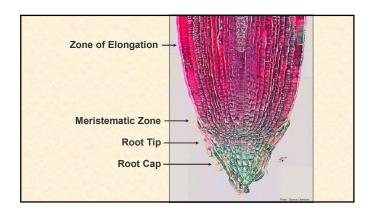


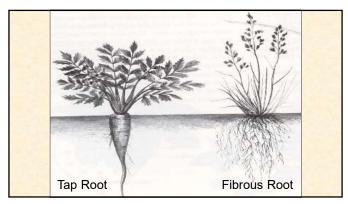


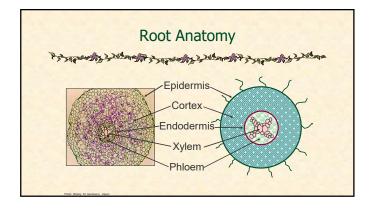


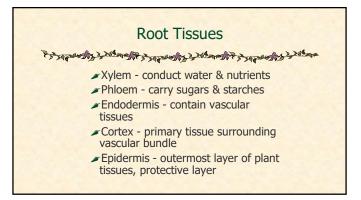




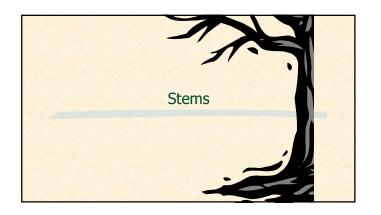


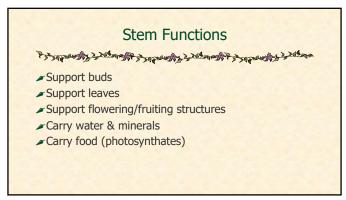


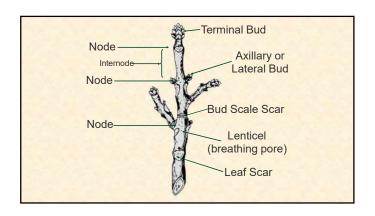


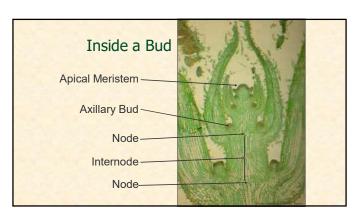


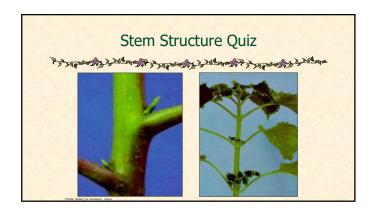


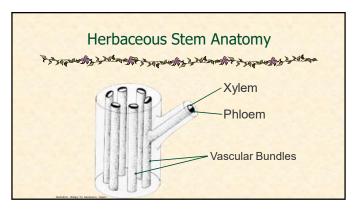




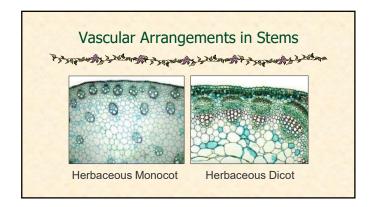


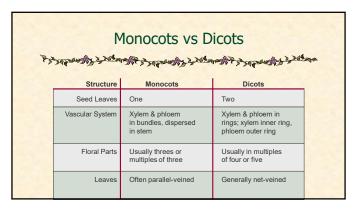


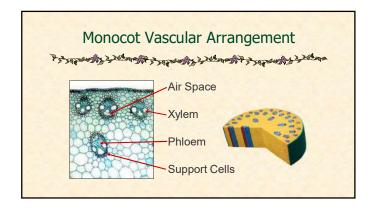


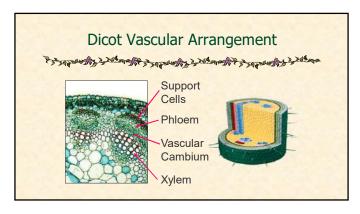


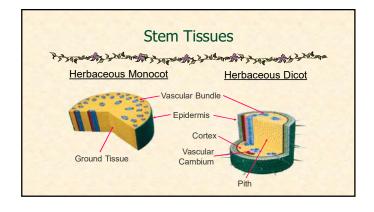


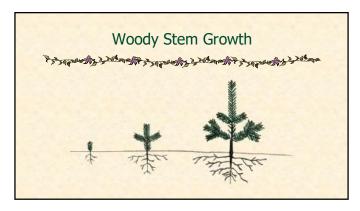




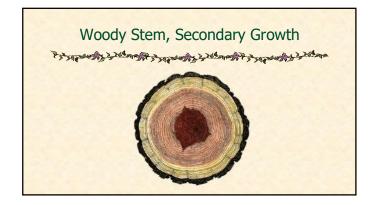


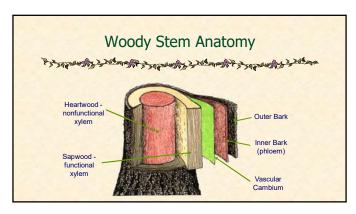


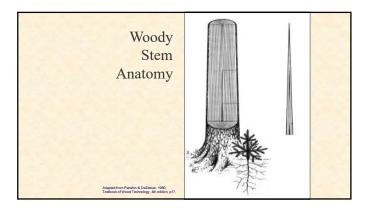


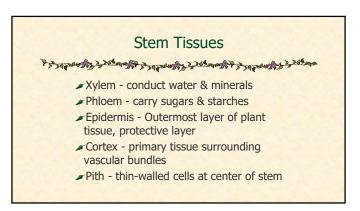












Specialized Above-Ground Stems

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- Crowns compressed stems with leaves and flowers on short internodes
- Stolons fleshy or semiwoody, elongated, horizontal stems, often at soil surface
- Spurs short side stems arising from main stem, often bear fruit on trees

Specialized Underground Stems

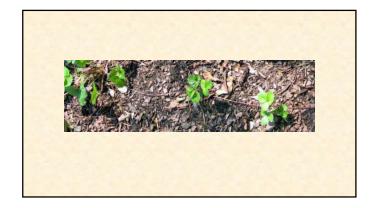
and the following of the medit of the weight of the weight of the weight of

- Rhizome horizontal underground stem, may be compressed and fleshy or slender with elongated internodes
- Bulb short, compressed, underground stem with central bud at tip of stem, surrounded by fleshy scales (leaves)
- Corm solid, swollen underground stem with dry, scale-like leaves



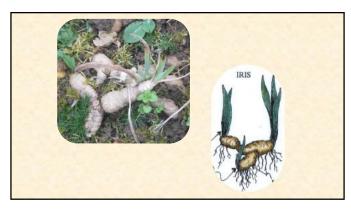
Specialized Underground Stems Tuber - enlarged, short, fleshy underground stem tip Tuberous stem - short, flat, enlarged underground stem with buds and shoots at top and fibrous roots at bottom



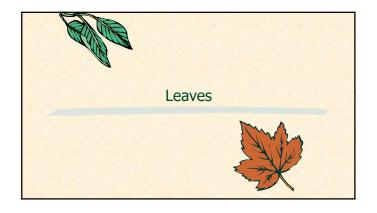


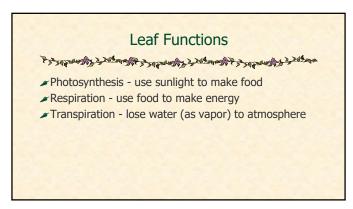


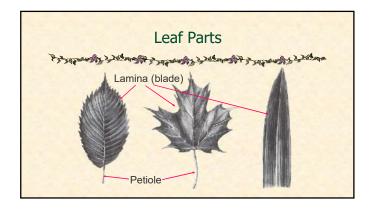


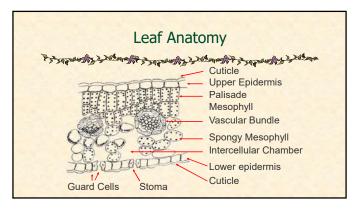


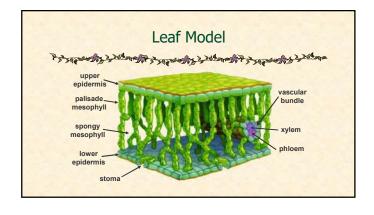


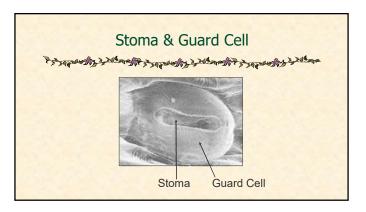




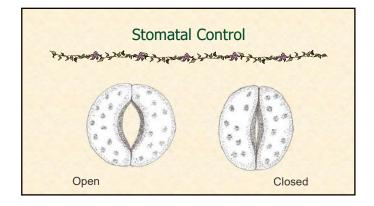


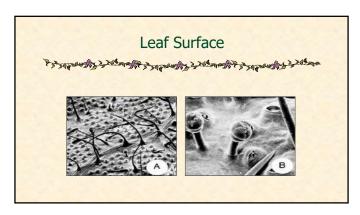


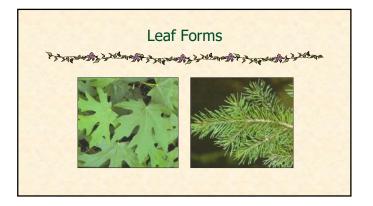






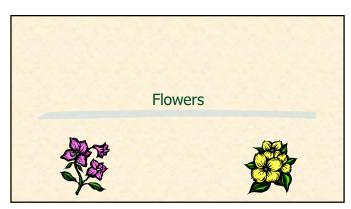




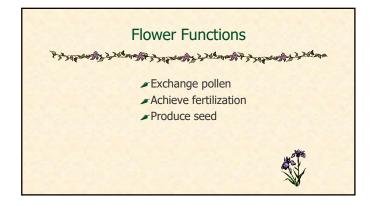


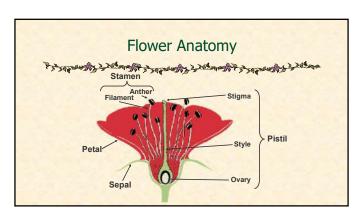


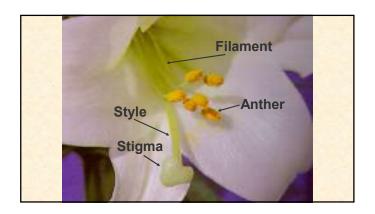


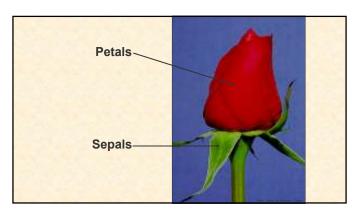




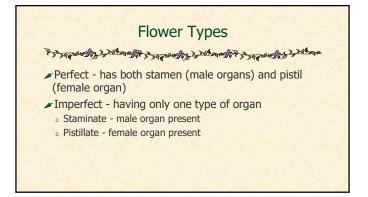




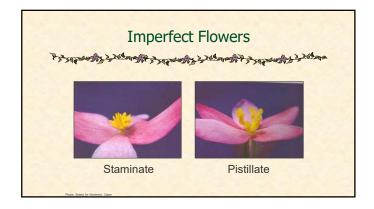


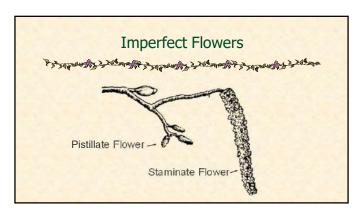


Flower Types Complete all floral organs present (sepals, petals, stamens, pistil) Incomplete flower lacks 1 or more of the 4 organs









Species with Imperfect Flowers Monoecious both pistillate and staminate flowers occur on same plant birch, pecan, squash Dioecious pistillate are on one plant, staminate on a different plant ginkgo, holly, pistachio, kiwi

