

Lecture 5, Angiosperms,

- Consideration of structure and development of angiosperm body
- Anatomy
- Embryos; monocotyledonous (monocots) versus dicotyledonous (dicots)
- Endosperm and cotyledons...function(s)
- Apical meristems
- Concept of Primary tissues
- Seedling body; epicotyl and hypocotyl
- Development of the fruit
- Where does the fruit come from (what is it?)
- Role of the fruit
- Dispersal of fruits
- Germination of seed
- The scutellum
- Specialized seed structure= coleoptile
- Structures of a typical seedling:
 - veins, branch(es), leaves (consist of two portions = blades, petioles), stem (consist of two discrete regions = node(s) and internode(s), shoot apical meristem (= shoot apex), root apical meristem (= root apex), axillary bud (= lateral bud), pulvinus, primary root, secondary root (= lateral root)
- Dispersal of seeds