

Plants Quiz – What to Know

- Major distinguishing characteristics of plants
- Plant life cycle
 - Alternation of generations
 - Which is haploid? Diploid?
- Basic plant kingdom cladogram – Figure 22-6 in text
 - 4 main types of plants
 - Distinguish major derived characteristics in cladogram
 - Interpret evolution of plants - What is the advantage of each derived characteristic?
- What plants need to survive
- Gymnosperms
 - Define
 - Examples
 - Distinguishing characteristics
- Angiosperms
 - Define
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 - Distinguishing characteristics
- 3 main organs of seed plants – roots, stems, leaves
 - Function of each
- 3 tissue systems of plants – meristematic, dermal, vascular
 - Function of each

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