

BioH – Comprehension Questions, ch. 17

1. Why is it believed that plants originated from algae? Explain and name the algae.
2. Explain the challenge and adaptation of plants moving from water to land environment.
3. Explain what is produced by gametophytes and sporophytes (be detailed and specific)
4. Why do bryophytes live in shady and wet environments? Provide two examples of such environment.
5. The anatomical structures of a moss plant are stalk, leaflike structure, stemlike structure, and rhizoid. What are the equivalents to these organs in real plants.
6. The vascular plants contain special tissues that allow the plants to grow much taller than moss. Explain why. Name which tissue is responsible for liquid transport and which tissue is responsible for nutrient transportation.
7. Draw and label the Pteridophyte body.
8. The angiosperms' final product after pollination is a seed. What is the final structure of the conifer's plants called? Describe its structure.
9. Identify sex cells of coniferous plants. What are their names:
 - Male - _____
 - Female - _____
10. According to the chart on slide #31, identify which of these plants is a monocot and eudicot. Explain your conclusion, why?

Picture A (2 images)



Picture B

