

Conceptual Biology

Chapter 10: Diversity of Life 1

Plants

1. Match the following plant structures with their function:

- | | | |
|-----------------|-------|--|
| Roots | _____ | a. Distributes water and other resources |
| Shoots | _____ | b. Conduct photosynthesis |
| Vascular system | _____ | c. absorb water and nutrients from soil |

Circle the correct answers:

2. Mosses [do] [do not] have vascular systems whereas ferns
[do] [do not] have vascular systems.



3. [Mosses] [Ferns] [Mosses and ferns] [Seed plants] have to live in a moist environment because sperm swim through the environment to fertilize eggs.

4. Describe each structure and write the name of the group of plants that possesses each of the structures.

<u>Structure</u>	<u>Description</u>	<u>Plant group in which structure is found</u>
Pollen	_____	_____

Seed	_____	_____

Flower	_____	_____

Fruit	_____	_____

Cone	_____	_____

