

January 14th, 2015 Life Science (Day #92)

1. Class Notes: C8S3 Part #2 (6)

- Type of Roots
- Stem Structures
- Leaf Structures and Processes

4. Assignment

- Read Section C8S4 Gymnosperms and Angiosperms' pages 272-281
- Complete the vocabulary (7)
- Phylum Notecards 'Gymnosperms' & 'Angiosperms'
- Class Notecards 'Monocots' & 'Dicots'

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1-14	C8S3 Part #2	Plant Structures
<u>Type of Roots</u>		
Fibrous Root - A bunch of tangled 'strings' together (ex- onion)		
Taproot - One long main root which is hard to pull from the ground (ex. carrots and dandelions)		
<u>Stem Structures</u>		
Woody Stems - annual rings are found on them...rings are made of xylem and phloem tissues		
Herbaceous Stems - contain no wood and are soft		
<u>Leaf Structures and Processes</u>		
* This is where photosynthesis takes place.		
* Transpiration happens here		
* Absorb a lot of the needed sunlight (sun panels)		

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1 Which of the following is NOT a type of root system?

- A taproot system
- B hair root system
- C fibrous root system

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2 _____ is the process in the leaves of plants where the water evaporates out of the plant and into the environment.

- A photosynthesis
- B respiration
- C transpiration
- D fermentation

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3 The holes on the underside of the leaf where gases and water enter and leave are called stomates.

True
False

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4 Which of the following is NOT a function of the roots?

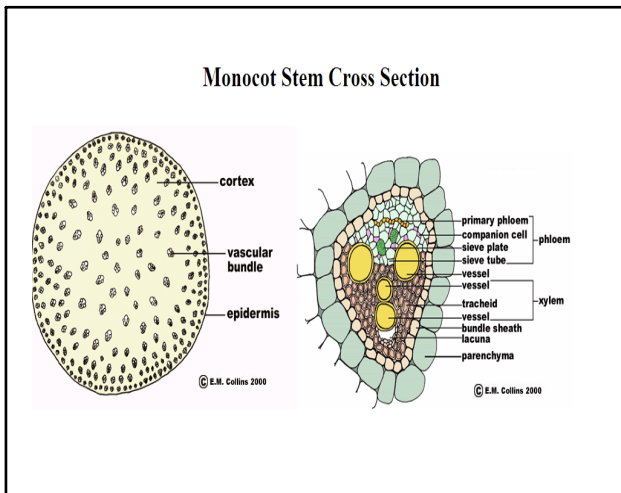
- A supports the plant
- B absorbs the water needed
- C stores food
- D makes food

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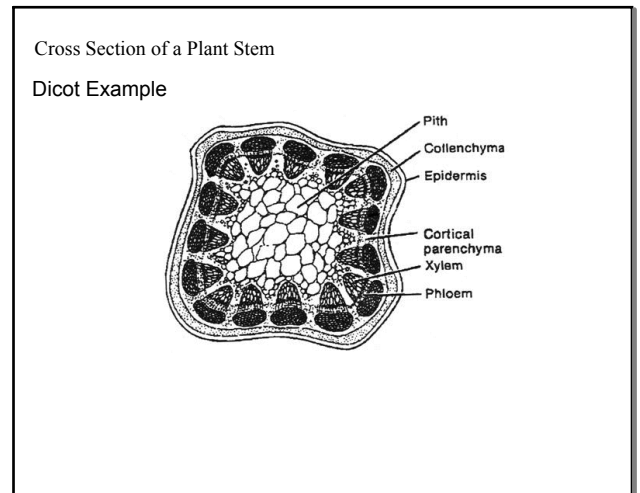
5 Which type of vascular tissue is responsible for making the other two types of vascular tissues?

- A xylem
- B cambium
- C phloem

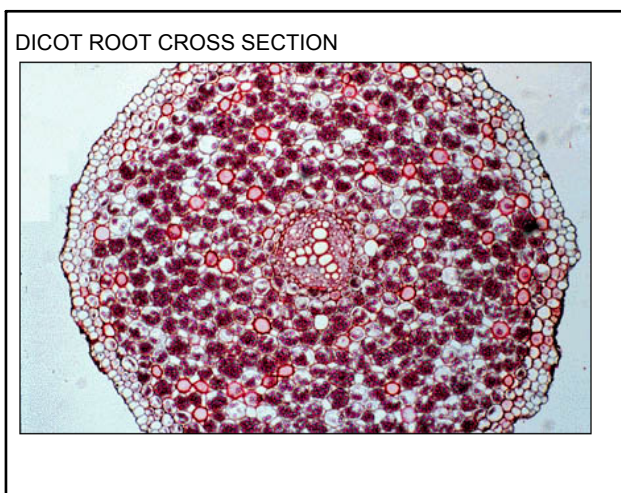
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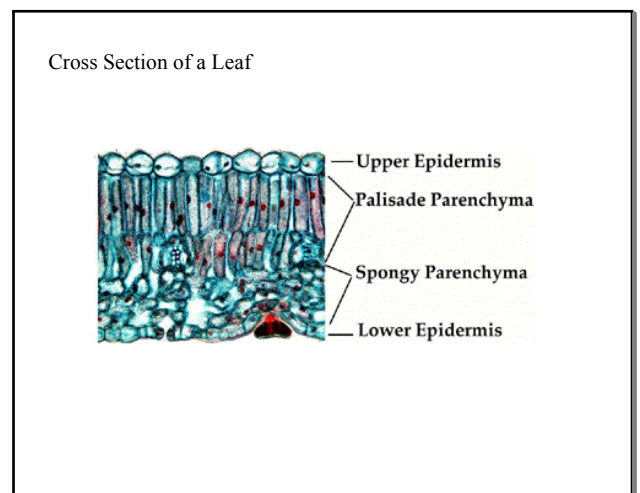
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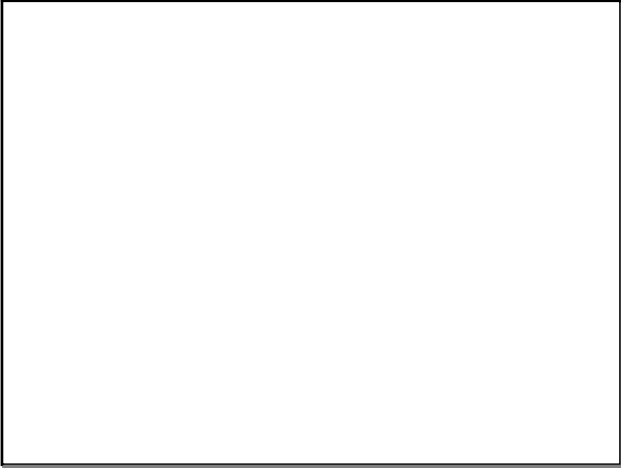
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