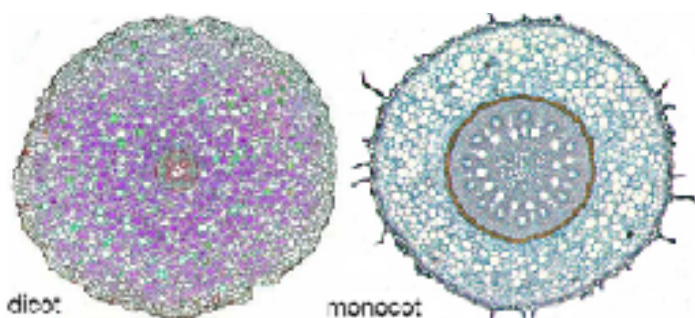
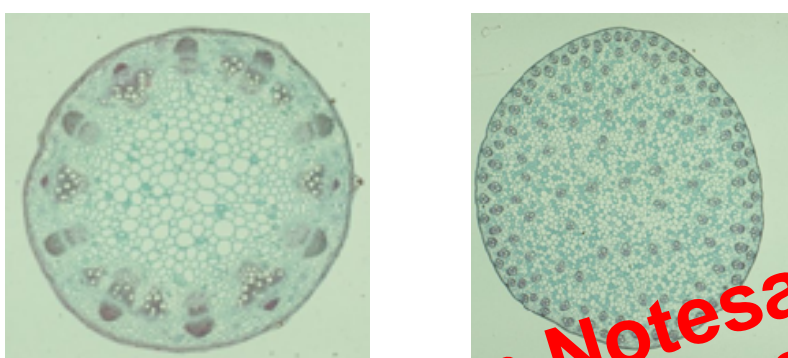


VII. Roots vs. Stems



Roots

Central area of ground tissue for storage



Stems

VIII. Types of Root System (typical of dicots; not always)

A. Taproot System

- Main root of primary- root system
 - Grows vertically downward
- From the taproot arise smaller lateral roots (secondary roots), which in turn produce even smaller lateral roots (tertiary roots)
- Most dicots produce taproots
- Look at mesquites

B. Fibrous Root System

- a fibrous root system is. the opposite of a taproot system
 - Formed by thin, moderately branching roots growing from the stem
- A fibrous root system is typical of monocots