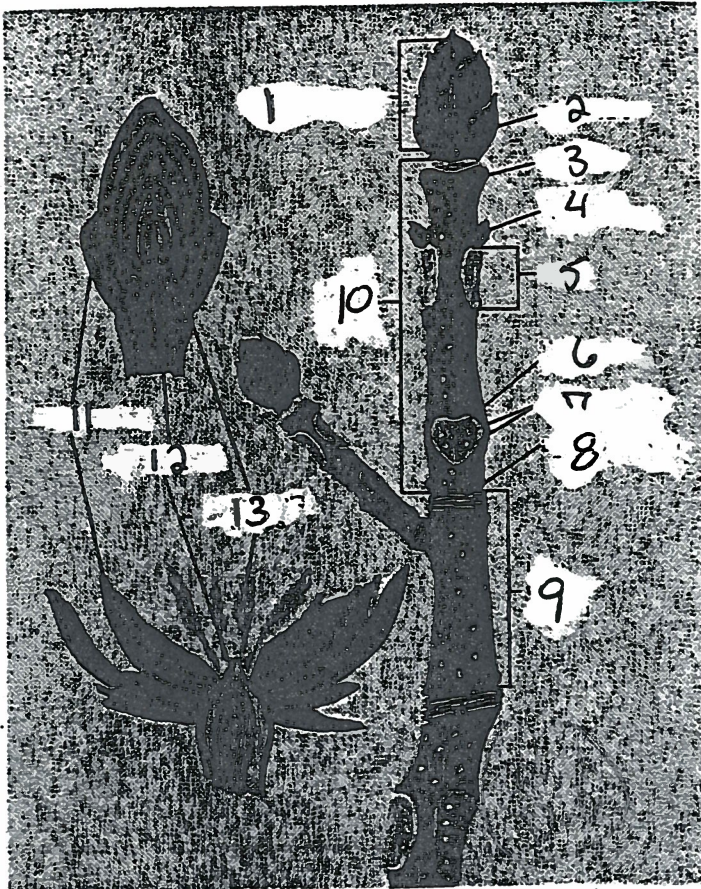


22pt

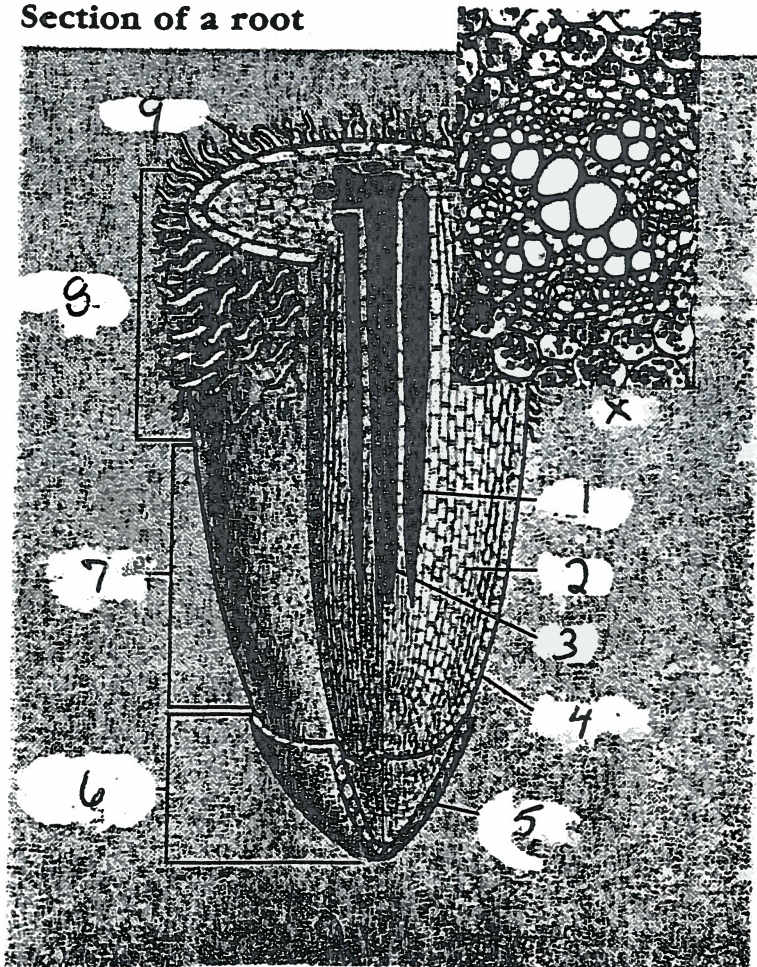
# KEY

## Dormant woody stems



- 1 Terminal Bud
- 2 Bud scale
- 3 Shoot apex
- 4 axillary (lateral) bud
- 5 Node
- 6 Leaf scar
- 7 Bundle scar
- 8 Bud scale scar
- 9 Last Year's Growth
- 10 This Year's Growth
- 11 Bud scale
- 12 Shoot Apex
- 13 Embryonic Leaves
- 14 - Lenticels

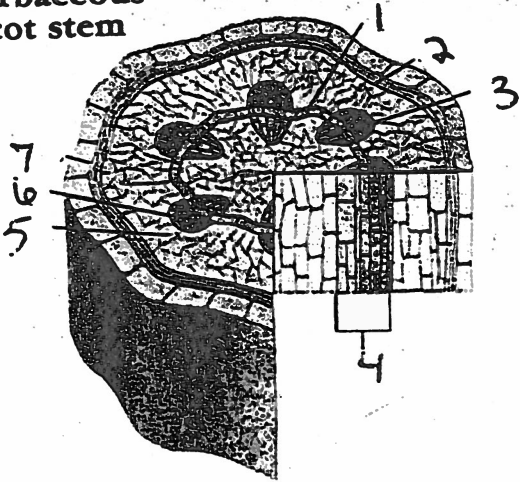
## Section of a root



- 1 Phloem
- 2 Cortex
- 3 xylem
- 4 Epidermis
- 5 Root Cap
- 6 Meristematic Region
- 7 Region of Elongation
- 8 Maturation Region
- 9 Root Hair

25pt

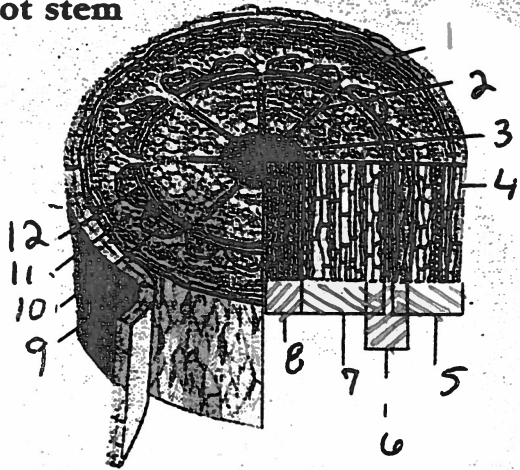
**Herbaceous dicot stem**



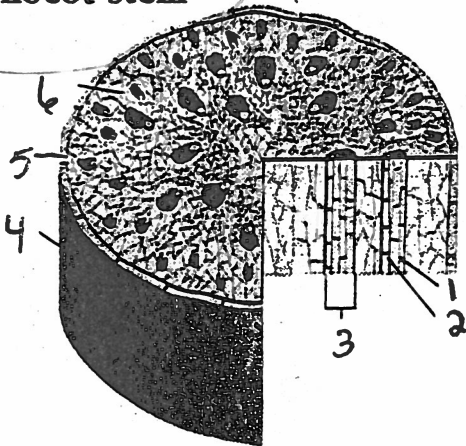
- 1 Vascular Cambium
- 2 ~~Fibrovascular Bundle~~
- 3 Fibrovascular Bundle
- 4 Fibrovascular Bundle
- 5 Cortex
- 6 ~~Phloem Fibrovascular Bundle~~
- 7 Epidermis

- 1 Growth Ring
- 2 Sapwood
- 3 Heartwood
- 4 Epidermis
- 5 Bark
- 6 Vascular Cambium
- 7 Sapwood (2)
- 8 Heartwood (2)
- 9 Epidermis (2)
- 10 fibrovascular bundle
- 11 Cortex

**Woody dicot stem**



**Herbaceous monocot stem**



- 1 Phloem
- 2 Xylem
- 3 Fibrovascular bundle
- 4 Rind
- 5 Epidermis
- 6 Cortex