

Exploring Dendrology

Match the word with its definition.

_____ wood

_____ bark

_____ xylem

_____ terminal bud

_____ dendrology

_____ bud scale scar

_____ phloem

_____ cambium

_____ axial bud

_____ bud

- A. the study of annual rings in trees to establish dates and environmental conditions
- B. a bud at the tip of a stem; when there is one, it makes the axial buds become dormant or inactive
- C. the outer protective layer of a woody plant; it is made up of waterproof cork cells
- D. layer between xylem and phloem that produces new cells for the growing plants
- E. the tissue of a woody plant that carries water and dissolved minerals to the leaves of the plant
- F. the hard substance beneath the bark of a tree, shrub, or vine
- G. the scars left on the bark when the covering of a terminal bud drops off
- H. a bud located on the side of a stem between the leaf stem and the woody branch of a tree
- I. a thin layer of cells inside the bark that carries sap with dissolved food from the leaves to the rest of the cells in the plant
- J. a small swelling on a plant containing growing tissue that forms new flowers, stems, and leaves