

Name: _____ Date: _____

Forestry Merit Badge - Parts of a Tree

1. These may spread out or be tap type and support the tree by keeping it upright. A. leaves
2. These tubes carry food molecules up or down the tree depending on the season. B. conifers, evergreens
3. These tubes carry water up from the roots. b C. deciduous / broadleaf
4. These trees keep their leaves all year. Pines, firs, and spruces are examples of these. D. chlorophyll
5. Tree rings are made mostly of _____ cells/tubes which are dead hollow cells. E. xylem cells/ tubes
6. These trees usually lose their leaves in the fall. d F. angiosperm
7. Fertilization of plant eggs by insects or wind is called ? G. pollination
8. The living growth tissue under a tree's bark. H. photosynthesis
9. The non-living, protective outer covering on tree trunk or stems. I. cambium
10. Tree parts that produce most food for the tree. J. xylem cells/ tubes
11. Chemical process that makes food from sunlight, water, and carbon dioxide and means "make something using light." K. roots
12. The scientific name for "flowering plant" is ? L. bark
13. This allows plants to absorb energy from light and when this disappears in the fall, many leaves change color. M. phloem cells/ tubes