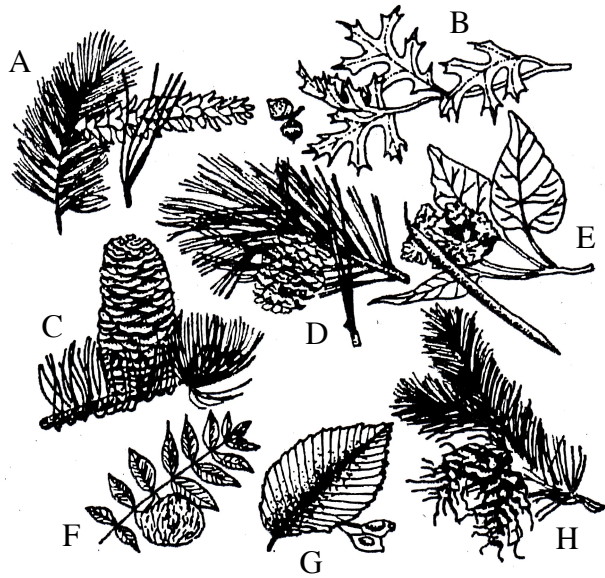


Classifying Trees

Examine the illustrations of the leaves from different trees.

Use the classification key to identify the tree that produces each of the leaves shown in the illustrations.



- 1 a. Leaf is needlelike..... go to 2
 b. Leaf is broad and flat..... go to 3
- 2 a. Needlelike leaves are not in bundles..... go to 6
 b. Needlelike leaves are grouped in bundles of three or five..... go to 7
- 3 a. Edge of leaf is smooth..... go to 4
 b. Edge of leaf is not smooth..... go to 5
- 4 a. Leaf is made of several leaflets.
 Fruit is a round nut..... **black walnut**
Juglans nigra
- b. Leaf is heart-shaped.
 Fruit is a long pod..... **northern catalpa**
Catalpa speciosa
- 5 a. Edge of leaf has deep, rounded indentations and sharp points at the end. An acorn is the fruit..... **pin oak**
Quercus palustris
- b. Edge of leaf looks like the edge of a saw blade. Its seed is surrounded by a thin wing..... **American elm**
Ulmus americana
- 6 a. Needles arranged around the branch. Cones drooping, with scales that are open..... **Douglas fir**
Pseudotsuga menziesii
- b. Needles appearing mostly on one side of the branch. Cones upright, with scales that are tightly closed.... **white fir**
Abies concolor
- 7 a. Needles grouped in threes..... **ponderosa pine**
Pinus ponderosa
- b. Needles grouped in fives..... **western white pine**
Pinus monticola

Tree	Letter
black walnut	_____
northern catalpa	_____
pin oak	_____
American elm	_____
Douglas fir	_____
white fir	_____
ponderosa pine	_____
western white pine	_____