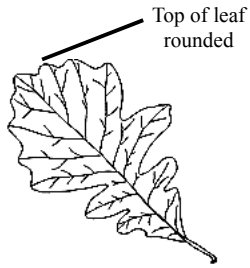


Common Trees

Lobed Leaves



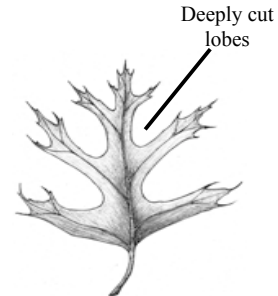
Bur Oak
Leaves turn brown in fall



White Oak
Leaves turn burgundy in fall



Red Oak
Leaves turn red in the fall; has "alligator" bark.



Pin Oak

Lobed Leaves



Silver Maple
Leaves turn yellow in the fall



Sugar Maple
Leaves turn orange in the fall



Cottonwood
Older trees have large trunks; cotton-like seeds; makes a whispering sound in the wind.



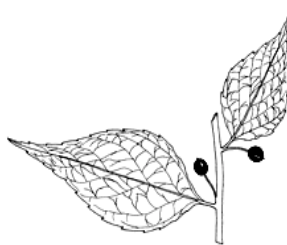
Basswood
Often has multiple trunks
Leaves can be several inches across

Large Rounded Leaves

Small Rounded or Triangular Leaves



Quaking Aspen
Dark brown twigs;
Small round leaves;
makes a whispering sound in the wind



Hackberry
Cork-like bark;
Berries in mid summer;
Leaves often have "bumps" on them and can be yellowish-green



Paper Birch
White flakey bark

Simple Leaves

Smooth and Shiny Leaves



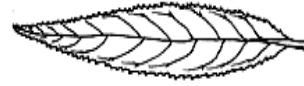
Black Cherry

Black fruit in mid-summer;
flaky bark on mature trees



non-native;
highly invasive;
dark fruit

Long and Narrow Leaves



Black Willow

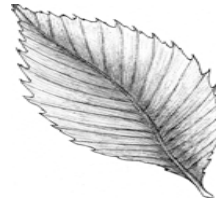
Grows only in damp places;
thin leaf

Leaves with Saw-Toothed Edges



Ironwood

Leaves feel fuzzy and
soft; grows in the
understory of the forest.



American Elm

Leaves feel rough

Compound Leaves



Box Elder

3-5 leaflets;
has "helicopter" seeds



Green Ash

5-7 leaflets



Smooth Bark Hickory

Less than 10 leaflets;
sized rounded nuts



Butternut

11-17 leaflets;
Similar to walnut;
fruit is lemon-
shaped



Honey Locust

Bean-like seed pod;
seedlings can be
highly invasive

Growth Factor Chart

Fast Growing Trees

Slow Growing Trees

Tree species	Growth Factor		Tree Species	Growth Factor
Quaking Aspen	2		Green Ash	4
Cottonwood	2		American Elm	4
Black Willow	2		Red Oak	4
Basswood	3		Red Maple	4.5
Pin Oak	3		Black Walnut	4.5
Silver Maple	3		White Birch	5
Box Elder	3		Black Cherry	5
River Birch	3.5		White Pine	5
Smooth Bark Hickory	4		Sugar Maple	5.5
White/Bur Oak	5		Red Pine (Norway Pine)	5.5
Honeylocust	3		Ironwood	7
			Redbud	7
			Shagbark Hickory	7.5

<http://forestry.about.com/od/silviculture/a/estimating-A-Trees-Age/htm>
www.Treetalk.mortonarb.org

Aging Trees Data Chart

$$D+C \div 3.14$$

$$\text{Age} = D \times \text{GF}$$

Current year - Age

Species of Tree	Circumference (in inches)	Diameter (in inches)	Age	Year Tree Sprouted

Give yourself four points for aging a tree.

Give yourself 2 points for every tree you successfully aged (8 points maximum).

Total points possible: 12 points Total points for you: _____