

Types of Leaves

Simple leaf
Single leaf attached to a stem



Compound Leaf
Has many leaflets attached to a stem



3 leaflets
attached to a stem

7 leaflets attached to
a stem

Types of Branching

Alternate Branching
Each leaf on a stem
alternates



Opposite Branching
Each leaf is directly
across from another.



Trees with Simple Leaves

Lobed Leaves



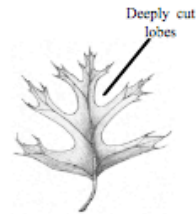
Bur Oak
Leaves turn brown in
fall



White Oak
Leaves turn
burgundy in fall



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



Pin Oak



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

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

Smooth and Shiny Leaves



Black Cherry
Black fruit in mid-summer;
flakey bark on mature trees



Buckthorn
Has simple leaf;
non-native;
highly invasive;
dark fruit



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;
Dime-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