

II. Broadleaves or Deciduous Trees

A. Leaves Opposite and Simple

SUGAR MAPLE

Acer saccharum
Leaves 3-5" long, as wide or wider, with 5 (or 3) pointed lobes, scattered secondary points along margin; seeds in pairs, wings parallel or slightly spreading, drop in autumn; bark on trunks gray, unevenly furrowed.



RED MAPLE

Acer rubrum
Leaves 3-5" long, about as wide, usually with 3 pointed lobes, margin fine-toothed; leaf stem red; seeds in pairs, wings at right-angles, drop late spring; bark on twigs red, on trunk gray, flaky.



SILVER MAPLE

Acer saccharinum
Leaves 3-6" long; about as wide, deeply cut into 5 pointed lobes, margins coarse-toothed, silvery green underneath; seeds in pairs, wings in-curved, drop in late spring; bark on trunk light gray to brown, flaky.



NORWAY MAPLE

Acer platanoides
Leaves 5-8" long, often wider, with 5 pointed lobes and scattered secondary points; leaf stem with milky juice; seeds in pairs, wings wide-spread, drop in autumn; bark on trunk dark brown, finely furrowed. Common street tree. Not native.



CATALPA

Catalpa speciosa
Leaves opposite or whorled, 8-12" long, heart-shaped, margin smooth; flowers white, showy; seeds in brown, slender, cigar-shaped pods 10-20" long; bark red-brown to gray-brown; broken into thick scales. Not native.



B. Leaves Opposite and Compound

WHITE ASH

Fraxinus americana
Leaves with usually 7 short-stalked, smooth or slightly toothed leaflets; seeds with paddle-shaped wings, 1-2" long; bark ash-gray with narrow, interlacing ridges and wedge-shaped grooves. (BLACK ASH - F. nigra: leaflets not stalked.)



BOX ELDER

Acer negundo
Leaves with 3-5 oval, pointed leaflets, margins nearly smooth or coarsely toothed; paired seeds in persistent hanging clusters, wings in-curved, mature in early summer; bark light to dark brown, shallowly furrowed.



HORSE-CHESTNUT

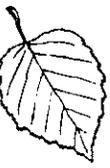
Aesculus hippocastanum
Leaves composed of 7 whorled, tapered leaflets, 5-7" long, margins bluntly toothed, stems grooved; flowers white, in showy upright clusters; seeds large, shiny, red-brown, in a thick spiny cover; bark dark brown, broken into thin plates. Not native.



C. Leaves Alternate and Simple

WHITE BIRCH

Betula papyrifera
Leaves 2-4" long, oval, pointed, with rounded or tapered base, margins double-toothed; bark on twigs and young tree dark red, older trunks cream or chalky white, peeling in papery shreds or sheets.



YELLOW BIRCH

Betula alleghaniensis
Leaves 3-5" long, oval, pointed, with rounded or heart-shaped base, margins double-toothed, winter-green odor when crushed; young bark silvery yellow with papery curls, old trunks gray with ragged plates.



QUAKING ASPEN

Populus tremuloides
Leaves nearly round, with a small tip, margins finely toothed; leaf stems flattened; seeds in hanging tassels or catkins; bark whitish to yellow-green, smooth, with black branch scars, rough and furrowed at base.



LARGETOOTH ASPEN

Populus grandidentata
Leaves oval, pointed, margins prominently wavy-toothed; leaf stems flattened; seeds in hanging tassels or catkins; bark olive green to brownish green, smooth, with black branch scars, rough and furrowed at base.



BALM-OF-GILEAD

Populus balsamifera
Leaves taper pointed with rounded base, margins finely toothed, rusty flecks on under side; leaf stems not flattened; seeds in hanging tassels or catkins; bark dark gray, rough, with flattened ridges.



COTTONWOOD

Populus deltoides
Leaves triangular with tapered point and flat base, margins coarsely toothed; leaf stems flattened; seeds in hanging tassels or catkins; bark light brown to gray, with deep grooves and prominent ridges.



WILLOW

Salix species
Leaves narrow, very long pointed with finely toothed margins; seeds in hanging tassels or catkins; bark on young branches yellow to green, shiny, on old trunks brown to black, with long ridges and deep grooves. Many species with generally similar characteristics.



BLACK CHERRY

Prunus serotina
Leaves 3-6" long, narrow, taper pointed, margins finely toothed with sharp, in-curling teeth; fruit dark red, pea-sized, edible berries clustered on drooping stems; bark brown to black, broken into thin scales.



BASSWOOD

Tilia americana
Leaves 5-8" long, broadly heart-shaped with un-equal sides, margins sharply toothed; pea-sized seeds hang from center of narrow-leaf like structure; bark dark gray, compact, with shallow grooves and narrow parallel ridges.



AMERICAN ELM

Ulmus americana
Leaves 4-6" long, oval, taper-pointed, base top-sided, margins coarsely double-toothed; bark dark gray, with flat, scaly ridges, and alternate light and dark corky layers; arching branches give tree "urn" shape. (SLIPPERY ELM - U. rubra: leaves sandpaper rough; bark without alternate layers.)



SASSAPARILLA

Sassafras albidum
Leaves vary in shape from oval to those with 2 or 3 distinct lobes, leaves and twigs spicy-fragrant when crushed; fruit a dark blue berry; bark on twigs bright green, on trunk reddish brown with broad, flat ridges and deep grooves.



SYCAMORE

Platanus occidentalis
Leaves up to 10" wide, with 3-5 broad, pointed lobes; leaf stem hollowed at base; seeds in round dangling heads; bark mottled, brown scales flake off to expose tan, pale green or creamy white smooth underbark.



TULIP POPLAR

Liriodendron tulipifera
Leaves 4-6" long, symmetrical, usually 4-lobed, wide base, with a broad notch at top, margins smooth; flowers tulip-like, yellow-green; bark dark gray, deeply furrowed with prominent vertical, pointed ridges.

