

LAB 10 EASYID

FORS 2319: Dendrology

Revised by J. Stovall, 12.13.2022

Family	Genus	Species	Common Name	ID Fact 1	ID Fact 2	ID Fact 3
Annonaceae	Asimina	triloba	pawpaw	Alternate simple obovate leaves smell like green pepper if crushed	Naked, Aggie maroon fuzzy terminal bud	Small tree grows in clusters and has wart-like lenticels on bark
Caprifoliaceae	Lonicera	sempervirens	coral honeysuckle	Opposite leaves, terminal leaves fuse, completely encircling the stem	Showy red tubular flowers in spring	Climbing, twining, trailing vine about 15 feet long on wet sites
Caprifoliaceae	Viburnum	dentatum	arrowwood viburnum	Rounded triangular leaves with coarse teeth (like arrowhead, but rounder)	Opposite leaf arrangement on grey twig	Shrubby form with many stems up to 10 feet tall
Cyrillaceae	Cyrilla	racemiflora	swamp titi	Twigs triangular in cross section with triangular shaped leaf scars	Flowers and fruits in distinct cluster at branch tips (racemes)	Shrub with alternate simple leaves with smooth margins (tough to ID from leaf)
Grossulariaceae	Itea	virginica	Virginia sweetspire	Alternate leaves with extremely finely serrate margins growing in water	Distinct clusters of capsules shaped like old-school glass coke bottles	Chambered pith in green mottled zig-zag twigs
Hamamelidaceae	Hamamelis	virginiana	witchhazel	Naked terminal bud looks like deer hoof upside down, or folded tiny leaf	Simple leaves w/ wavy margins	Big sprawling shrub with a bunch of Y-shaped branch junctions (divining rods)
Hippocastanaceae	Aesculus	pavia	red buckeye	Palmately compound, opposite leaves with very parallel veins	Stout twigs w/ paired large SQUARE orange-brown terminal buds	Buckeye fruits look like small potatoes
Juglandaceae	Carya	aquatica	water hickory	You're on a bottomland site (or its been planted)	Pecan-like leaf with lots of uniform-sized curving leaflets	Nut conspicuously flattened (looks like a hamburger patty, not a hot dog)
Juglandaceae	Carya	cordiformis	bitternut hickory	Sulfur yellow (sometimes brownish) naked terminal buds	Many uniformly sized leaflets (7-11)	Bark is very smooth for a hickory, with salmon color in furrows
Juglandaceae	Carya	illinoensis	pecan	Lots of uniform-sized curving leaflets	Elongated nuts (tubular like a hot dog, not flat like a hamburger)	Buds are white, large, usually pointed, with scales
Magnoliaceae	Liriodendron	tulipifera	yellow-poplar	Obvious four-lobed leaf with flattened apex, smells spicy when crushed	Woody, tulip like fruits upright on branches fall and winter	Valvate, duckbill, green terminal buds
Magnoliaceae	Magnolia	macrophylla	bigleaf magnolia	Huge (2.5 ft) leaves with earlobes at base	Giant magnolia flowers or small grenade-like fruits	Terminal bud fused to petiole of last leaf on twig (weird)
Malvaceae	Malvaviscus	arboreus	wax mallow	Distinct red flower; petals fused with stamen sticking out; looks like flower on stick	Leaves vaguely reminiscent of maple leaves, but alternate, not as lobed	Lots of unbranching vertical stems in clusters up to 5 feet tall
Myricaceae	Morella	cerifera	wax myrtle	Golden flecks (hand lens) on top and bottom of leaf with teeth near apex	Fuzzy and spicy smelling twigs, leaves also smell	Leaves darker and greener than baccharis, bayberry has no glands on top
Styracaceae	Styrax	americanus	American snowbell	Smooth grey bark with faint stretch-mark like stripes on it	Fuzzy petioles on a circular shaped leaf with wavy & occasionally toothed margin	Attractive cup-like white flowers forming into fuzzy spherical fruit (drupe)