

“THE DENDRO LAB NYC 100” – MASTER TREE LIST

May 1, 2022, Version 1.1



THE ANGIOSPERMS – flowering plants

THE OAKS & BEECH

northern red oak	<i>Quercus rubra</i>	Advanced:	
pin oak	<i>Quercus palustris</i>	scarlet oak	<i>Q. coccinea*</i>
willow oak	<i>Quercus phellos</i>	English oak	<i>Q. robur †</i>
shingle oak	<i>Quercus imbricaria</i>	southern red oak	<i>Q. falcata*</i>
black oak	<i>Quercus velutina</i>	Jap. sawtooth oak	<i>Q. acutissima †</i>
white oak	<i>Quercus alba</i>	water oak	<i>Q. nigra*</i>
swamp white oak	<i>Quercus bicolor</i>	chestnut/rock oak	<i>Q. montana*</i>
bur oak	<i>Quercus macrocarpa</i>		
Turkey oak	<i>Quercus cerris †</i>		
American beech	<i>Fagus grandifolia</i>		
European beech	<i>Fagus sylvatica †</i>		

THE MAPLES VS. SYCAMORE: And others commonly confused

red maple	<i>Acer rubrum</i>	Advanced:	
sugar maple	<i>Acer saccharum</i>	mountain maple	<i>A. spicatum*</i>
silver maple	<i>Acer saccharinum</i>	hedge maple	<i>A. campestre †</i>
striped maple	<i>Acer pensylvanicum*</i>	Amur maple	<i>A. ginnala †</i>
Norway maple	<i>Acer platanoides † ☒</i>	arrowwood vib.	<i>V. dentatum</i>
sycamore maple	<i>Acer pseudoplatanus †</i>	leather-leaf vib.	<i>V. rhytidophyllum †</i>
Japanese maple	<i>Acer japonicum †</i>		
sweetgum	<i>Liquidambar styraciflua</i>		
American sycamore	<i>Platanus occidentalis</i>		
hybrid planetree	<i>Platanus x acerifolia †</i>		
sassafras	<i>Sassafras albidum</i>		
maple-leaf viburnum	<i>Viburnum acerifolium</i>		

* Native, but rare in metro-area
† Introduced, non-native species
☒ Invasive

THE ELMS, MULBERRIES, & LINDENS:

And others commonly confused

American elm	<i>Ulmus americana</i>
slippery elm	<i>Ulmus rubra</i> *
European field elm	<i>Ulmus minor</i> †
Siberian elm	<i>Ulmus pumila</i> †
Chinese elm	<i>Ulmus parvifolia</i> †
sugarberry/hackberry	<i>Celtis occidentalis</i>
Japanese zelkova	<i>Zelkova serrata</i> †
American basswood	<i>Tilia americana</i>
silver-leaf linden	<i>Tilia tomentosa</i> †
little-leaf linden	<i>Tilia cordata</i> †
American witch-hazel	<i>Hamamelis virginiana</i>
red mulberry	<i>Morus rubra</i>
white mulberry	<i>Morus alba</i> †

CHERRIES, CRABAPPLES, & HAWTHORNS:

And other members of the Rose Family

black cherry	<i>Prunus serotina</i>
Yoshino cherry	<i>Prunus x yedoensis</i> †
Kwanzan cherry	<i>Prunus serrulata</i> 'Kwanzan' †
crabapple	<i>Malus</i> spp. †
hawthorn	<i>Crataegus</i> spp.
serviceberry/shadbush	<i>Amelanchier</i> spp.
Callery pear	<i>Pyrus calleryana</i> 'Bradford' † ♀
wild rose	<i>Rosa</i> spp.
multiflora rose	<i>Rosa multiflora</i> † ♀
blackberry	<i>Rubus</i> spp.
wineberry	<i>Rubus phoenicolasius</i> † ♀

Advanced:

weeping Higan ch.	<i>P. itosakura</i> †
Japanese barberry	<i>Berberis</i> sp. † ♀

COMMON COMPOUNDS, PART I:

THE LEGUMES, ELDERBERRY & TREE-OF-HEAVEN

honey locust	<i>Gleditsia triacanthos</i>
black locust	<i>Robinia pseudo-acacia</i>
Japanese pagoda tree	<i>Styphnolobium japonicum</i> †
Kentucky-coffee tree	<i>Gymnocladus dioica</i>
American elderberry	<i>Sambucus canadensis</i>
tree-of-heaven	<i>Ailanthus altissima</i> † ♀
Amur corktree	<i>Phellodendron amurense</i> †

golden rain-tree	<i>Koelreuteria paniculata</i> †
poison ivy	<i>Toxicodendron radicans</i>

COMMON COMPOUNDS, PART II:
HICKORY, ASH, BUCKEYE, & SUMAC

bitternut hickory	<i>Carya cordiformis</i>	<i>Advanced:</i>	
shagbark hickory	<i>Carya ovata</i> *	red buckeye	<i>A. pavia</i>
green ash	<i>Fraxinus pennsylvanica</i>	fragrant sumac	<i>R. aromatica</i>
black walnut	<i>Juglans nigra</i>	winged sumac	<i>R. copallinum</i>
European horse-chestnut	<i>Aesculus hippocastanum</i> †		
yellow buckeye	<i>Aesculus flava</i>		
bottlebrush buckeye	<i>Aesculus parviflora</i>		
Virginia creeper	<i>Parthenocissus quinquefolia</i>		
smooth sumac	<i>Rhus glabra</i>		
staghorn sumac	<i>Rhus typhina</i>		

SIMPLE LEAVES W/ ENTIRE MARGINS

eastern redbud	<i>Cercis canadensis</i>	<i>Advanced:</i>	
northern catalpa	<i>Catalpa speciosa</i>	flowering dogwood	<i>C. florida</i> *
spicebush	<i>Lindera benzoin</i>	Kousa dogwood	<i>C. kousa</i> †
tulip tree	<i>Liriodendron tulipifera</i>	blueberry	<i>Vaccinium</i> sp.
euonymous	<i>Euonymous</i> spp †	huckleberry	<i>Vaccinium</i> sp.
cornelian dogwood	<i>Cornus mas</i> †		
rhododendron	<i>Rhododendron</i> spp. †		
azalea	<i>Rhododendron</i> spp. †		
mountain-laurel	<i>Kalmia latifolia</i> *		
cucumber magnolia	<i>Magnolia acuminata</i>		
saucer magnolia	<i>Magnolia x soulangeana</i> †		
black tupelo	<i>Nyssa sylvatica</i>		
Japanese knotweed	<i>Reynoutria japonica</i> † ☞		

THE BIRCH, WILLOW, & HOLLY FAMILIES:

And a few that didn't fit neatly into the other walks

river birch	<i>Betula nigra</i>	<i>Advanced:</i>	
black birch	<i>Betula lenta</i> *	Himalayan birch	<i>B. utilis</i> †
grey birch	<i>Betula populifolia</i> *	big-tooth aspen	<i>P. grandidentata</i> *
yellow birch	<i>Betula allegheniensis</i> *		

paper/white birch	<i>Betula papyrifera</i> *
American hornbeam	<i>Carpinus caroliniana</i>
European hornbeam	<i>Carpinus betulus</i> †
eastern hophornbeam	<i>Ostrya virginiana</i> *
smooth alder	<i>Alnus serrulata</i>
American holly	<i>Ilex opaca</i>
winterberry holly	<i>Ilex verticillata</i>
eastern cottonwood	<i>Populus deltoides</i>
willow	<i>Salix</i> spp. */†

THE GYMNOSPERMS – conifers and “naked” seeded plants

CONIFERS, PART I: THE PINE FAMILY

eastern white pine	<i>Pinus strobus</i>
Himalayan pine	<i>Pinus wallichiana</i> †
Austrian pine	<i>Pinus nigra</i> †
pitch pine	<i>Pinus rigida</i> *
eastern-hemlock	<i>Tsuga canadensis</i>
Norway spruce	<i>Picea abies</i> †
balsam fir	<i>Abies balsamea</i> *
true cedar	<i>Cedrus</i> spp. †
larch	<i>Larix</i> spp. */†
Douglas-fir	<i>Pseudotsuga menziesii</i> *

CONIFERS, PART II:

THE CYPRESS FAMILY – And two non-coniferous gymnosperms

eastern juniper	<i>Juniperus virginiana</i>	<i>Advanced:</i>	
Chinese juniper	<i>Juniperus chinensis</i> †	chamaecyparis	<i>Chamaecyparis</i> spp.
bald cypress	<i>Taxodium distichum</i>		
American arborvitae	<i>Thuja occidentalis</i> *		
Oriental arborvitae	<i>Platycladus orientalis</i> †		
dawn redwood	<i>Metasequoia glyptostroboides</i> †		
Japanese cryptomeria	<i>Cryptomeria japonica</i> †		
Leyland cypress	<i>Cupressus x leylandii</i> †		
yew	<i>Taxus</i> spp. †		
ginkgo	<i>Ginkgo biloba</i> †		
