

## Botanical (Latin) Name List: Broadleaf Flowering Trees (Angiosperm Family) at Fresh Pond Reservation

**	First Column Abbreviations** A - Alien : C - Cultivar : I - Invasive : N - Eastern Massachusetts Native : NA - North American Native : NA* - Close to Native Range	Updated June 01, 2013	
	Botanical (Latin) Name	Common Name(s)	Tree Descriptions (Deciduous Unless Noted)
NA	<i>Acer negundo</i>	Maple, Ash-leaved (Manitoba, Threeleaf) or Boxelder (California, Inland, Western)	Medium shade, bark gray to light brown with narrow ridges, short multiple trunks, rounded crown, compound leaf
N	<i>Acer pensylvanicum</i>	Maple, Striped or Moosewood (Goosefoot, Snakebark, Whistlewood)	Small shrubby ornamental, striped bark, short trunk, crown broad, uneven, flat-topped to rounded, simple leaf
I	<i>Acer platanoides</i>	Maple, Norway (European)	Medium shade, bark gray or brown, crown rounded with dense foliage, simple leaf, milky sap in leafstalks
I	<i>Acer pseudoplatanus</i>	Maple, Sycamore	Large shade, bark gray-brown to red brown, widely spreading rounded crown, opposite simple leaf
N	<i>Acer rubrum</i>	Maple, Red (Scarlett, Swamp, Water, White, Soft)	Large ornamental, bark ash-gray to gray-brown, rounded/compact crown, red flowers, fruit, & leafstalks, simple leaf
C	<i>Acer rubrum</i> 'Red Sunset', syn. 'Franksred'	Maple, Red 'Red Sunset' (syn. 'Franksred', Red Sunset®)	Medium to large ornamental shade with striking red fall foliage
N	<i>Acer saccharinum</i>	Maple, Silver (Silverleaf, Soft, River, Swamp, White)	Large ornamental, bark silver gray, short stout trunk divides into several subtrunks, irregular open crown, simple leaf
N	<i>Acer saccharum</i>	Maple, Sugar (Hard, Rock)	Large ornamental, bark gray-brown, rounded dense crown, simple leaf, multicolored (red, orange & yellow) fall foliage
C	<i>Acer saccharum</i> 'Green Mountain'	Maple, Sugar 'Green Mountain' (Green Mountain®)	Large ornamental shade, dark green summer foliage, variable fall foliage may be either red or orange
A	<i>Aesculus x carnea</i> ( <i>A. pavia</i> x <i>A. hippocastanum</i> )	Horsechestnut, Red (Red Buckeye x Horse Chestnut Hybrid)	Ornamental Medium, bark gray-brown, dense round or pyramidal crown, showy pink to red flowers, compound leaf
NA	<i>Aesculus flava</i> (syn. <i>Aesculus octandra</i> )	Buckeye, Yellow (Big, Sweet)	Large ornamental shade, bark gray and brown, straight trunk, rounded crown, showy yellow flowers, compound leaf
I	<i>Ailanthus altissima</i>	Ailanthus or Tree of Heaven (Copal Tree, Stink Tree, Chinese Sumac)	Medium ornamental shade, bark light brown to gray, crown upright, spreading open, compound leaf
N	<i>Betula lenta</i>	Birch, Black or Sweet (Cherry)	Medium ornamental, bark redish brown or gray to black, single straight trunk, twigs aromatic when cut, simple leaf
N	<i>Betula nigra</i>	Birch, River (Black, Red, Water)	Medium ornamental, exfoliating showy multicolored bark, trunk divides low into several arching branches, simple leaf
C	<i>Betula nigra</i> 'Curly' (Heritage®)	Birch, River 'Curly' (Heritage®)	Medium ornamental, bark is striking when young, exfoliates to reveal salmon-brown & white patches
N	<i>Betula papyrifera</i>	Birch, Paper (Canoe, Eastern, Silver, White, Mountain White)	Medium ornamental, bark white outer & orange inner, trunk often multi stemmed, crown narrow & open, simple leaf
N	<i>Betula populifolia</i>	Birch, Gray (Fire, Oldfield, White, Wire)	Small bushy ornamental, redish-brown bark turns grayish white w/age, multiple trunks common, narrow conical crown
N	<i>Carpinus caroliniana</i>	Hornbeam, American or Muscledwood, Ironwood (Beech - Blue, Water)	Small shrubby tree, bark blue-gray, smooth, and fluted, single trunk (unless cultivated), rounded crown, simple leaf
N	<i>Carya glabra</i>	Hickory, Pignut (Broom, Red, Swamp, Smoothbark or Coast/Sweet Pignut, False Shagbark)	Medium/Large with cylindrical narrow form, bark light gray, trunk straight, crown narrow and oblong, compound leaf
N	<i>Carya ovata</i>	Hickory, Shagbark (Scalybark, Shellbark, Upland)	Large, bark gray and very shaggy when mature, tall straight trunk, crown narrow and irregular, compound leaf
NA	<i>Catalpa bignonioides</i>	Catalpa, Southern (Catawba, Caterpillar or Cigar Tree, Indian Bean)	Small/Medium shade, short trunk, bark brownish-gray, flower very showy and white, simple leaf, opposite or whorled
N	<i>Celtis occidentalis</i>	Hackberry, Common or Shagbark (Northern, Lowland, Southern, Sugarberry, Texas, or Bastard Elm, Nettle Tree)	Medium/Large ornamental with corky or warty, grayish-brown bark, wide spreading crown, simple leaf
NA	<i>Cercis canadensis</i>	Redbud, Eastern (Red-Bud or Judas Tree)	Small ornamental with showy flowers, bark dark gray or brown, short trunk, crown rounding & spreading, simple leaf
N	<i>Cornus florida</i>	Dogwood, Flowering (Eastern, Arrowwood, Boxwood or White Cornel, Cornelian Tree)	Small ornamental with white showy flowers, bark brown to dark gray, short trunk, rounded crown, simple leaf
N	<i>Crataegus punctata</i>	Hawthorn, Dotted (Large Fruit Thorn or White Haw)	Small ornamental w/short & stout thorns, showy white flowers, bark gray or brown, flat-topped crown, simple leaf
C	<i>Crataegus punctata</i> var. <i>inermis</i> 'Ohio Pioneer'	Hawthorn, Dotted 'Ohio Poiner'	Small ornamental, thornless cultivar, fragrant & showy white flowers, broad almost flat crown, simple leaf
C	<i>Crataegus viridis</i> 'Winter King'	Hawthorn, Green 'Winter King'	Small ornamental, virtually thornless, showy white flowers, mature outer bark brown-gray, light orange interior
N	<i>Fagus grandifolia</i>	Beech, American (Carolina, Gray, Red, Ridge, White)	Large, bark gray, trunk short, branches usually touch ground, crown rounded, simple leaf, showy bronze fall foliage
A	<i>Fagus sylvatica</i>	Beech, European (Common)	Medium, bark silver-gray to dark gray-blue, short stocky trunk, broad pyramidal dense crown, simple leaf

N	<i>Fraxinus americana</i>	Ash, White (American, Biltmore, Biltmore White, Cane, or Small-seed White)	Large, bark light to dark gray or grayish brown, long straight trunk free of branches, compound leaf, rounded crown
C	<i>Fraxinus americana</i> 'Autumn Purple'	Ash, White 'Autumn Purple' (Autumn Purple®, syn. 'Junginger')	Large, gray bark has diamond shaped ridging, long lasting reddish-purple to deep mahogany-purple fall foliage
N	<i>Fraxinus pennsylvanica</i>	Ash, Green (Darlington, Red, Swamp, Water)	Medium to large, bark gray to brown, poorly formed trunk, irregular to rounded crown, compound leaves
C	<i>Fraxinus pennsylvanica</i> 'Patmore'	Ash, Green 'Patmore'	Trunk ash gray to gray brown, tree uniformly symmetric with oval crown, compound leaf glossy and dark green
NA	<i>Gleditsia triacanthos inermis</i>	Honeylocust, Thornless (Common, Honey Shucks, Sweet, Sweet Bean)	Medium, thornless variety, fragrant yellow flowers, short grayish brown trunk, compound leaf, airy, spreading crown
NA	<i>Gymnocladus dioica</i>	Kentucky Coffee Tree (Coffee-nut, Stump or Kentucky Mahogany, Luck Bean)	Medium/Large ornamental, bark light gray to dark grayish brown, short trunk, wide spreading crown, compound leaf
N	<i>Ilex opaca</i>	Holly, American (Dune, Hummock, Scrub)	Small evergreen, spiny, alternate & simple leaf, small white flowers, red berries, dense, rounded crown, pyramidal shape
NA	<i>Juglans nigra</i>	Walnut, Black (American, Eastern Black)	Medium/Large, bark dark brown, long smooth trunk, small rounded crown, compound leaf, dark green aromatic foliage
A	<i>Kalopanax septemlobus</i>	Caster-Aralia (Prickly Caster-Oil Tree or Haragiri)	Medium/Large shade, showy white flowers, bark dark gray to black, thorny shoots/stems, simple leaf dark glossy green
NA	<i>Liquidambar styraciflua</i>	Gum, Sweet (Alligator or Opossum Tree, Copalm Balsam, Satin Walnut) (Gum, American Sweet, Bilsted, Red, Sap, Star-Leaf, White or Gumwood)	Medium/Large, bark gray-brown, trunk straight, narrow crown of short upright to spreading branches, simple leaf
NA*	<i>Liriodendron tulipifera</i>	Tulip Tree (Poplar - yellow, blue, tulip, White or Tulip Magnolia, Yellow Wood, Whitewood)	Large, trunk straight & limb free, large showy flowers, alternate, simple leaf, narrow crown that spreads with age
NA*	<i>Magnolia acuminata</i>	Magnolia, Cucumber (Cucumber Tree or Mountain Magnolia, Indian-Bitter)	Medium, Bark light gray-brown, trunk straight, narrow crown w/short spreading branches, simple lead
A	<i>Magnolia salicifolia</i>	Magnolia, Anise (Willow Leaf)	Ornamental small tree/large shrub flowers early-mid spring
NA*	<i>Magnolia virginiana</i>	Magnolia, Sweet Bay (Laurel, Swamp, Sweet, or Swampbay, Sweetbay, Whitebay, White Laurel)	Small ornamental, alternate, simple leaf, aromatic leaves & twigs, bark reddish brown to gray, narrow rounded crown
A	<i>Malus</i> spp.	Apple	Small/Medium, showy flowers, simple & alternate leaf, bark gray, short stout twisted trunk, low spreading branches
A NA	<i>Malus</i> spp.	Crabapple	Small, showy pink to red flowers, leaf toothed & simple, short trunk, spreading branches, broad & open crown
N	<i>Morus rubra</i>	Mulberry, Red (American, Purple or Moral)	Small tree, bark gray-brown, short trunk that branches low, broad rounded crown, simple leaf
N	<i>Nyssa sylvatica</i>	Gum, Black (Black Swamp, Bee, Sour, Swamp, Yellow or Pepperidge) or Tupelo	Medium, bark gray-brown, crown pyramidal when young, flat-topped when mature, simple leaf, striking fall foliage
N	<i>Ostrya virginiana</i>	Hophornbeam (American, Eastern) or Ironwood	Small/Medium ornamental, bark light to grayish-brown, rounded crown of spreading branches, simple leaf
NA	<i>Oxydendrum arboreum</i>	Sourwood (Sorrelwood or Lily-of-the-valley, Sorrel, Sorrelwood, Titi)	Small, showy fragrant flower looks like lily-of-the-valley, bark grayish-brown, simple leaf, striking red to plum fall foliage
N	<i>Platanus occidentalis</i>	Sycamore, American (American Planetree or Plane Tree, Buttonball, Buttonwood)	Massive, ornamental mottled green, tan & white bark, heavy spreading branches, trunk base dark brown, simple leaf
NA	<i>Populus deltoides</i>	Cottonwood, Eastern (Plains, Rio Grande) or Poplar (Carolina, Necklace, Plains)	Large, bark brown-gray to yellow-green, tall, clear trunk, broad, open and spreading crown, simple leaf
N	<i>Populus tremuloides</i>	Aspen, Quaking (Trembling or Day Lily, Popple)	Medium, bark yellowish white to greenish or dark gray, straight trunk, narrow and rounded crown, simple leaf
A	<i>Prunus avium</i>	Cherry, Sweet (Mazzard, Wild, Wild Sweet, Bird, Gean)	Small/Medium, bark reddish gray to gray-brown, often peels, straight trunk, broadly rounded crown, simple leaf
N	<i>Prunus Pensylvanica</i>	Cherry, Pin (Northern Pin, Fire, Wild Red, Pigeon, Bird)	Small, bark shiny dark reddish brown, may peel horizontally, straight trunk, narrow rounded open crown, simple leaf
N	<i>Prunus serotina</i>	Cherry, Black (Wild, Wild Black, Mountain Black, Rum, Cabinet)	Medium, reddish brown to grayish black, trunk straight, long, and clear, crushed leaves/twigs aromatic, simple leaf
N	<i>Quercus alba</i>	Oak, White (Eastern White, Stave, Fork-Leaf, Forked-Leaf White, Ridge White)	Very Large, bark pale ashy gray, tall irregularly divided stout trunk, widespreading crown & branches, simple leaf
N	<i>Quercus bicolor</i>	Oak, Swamp White (Swamp, White)	Medium, bark light grayish to dark brown, limby trunk, crown broad, open rounded or irregularly shaped, simple leaf
N	<i>Quercus coccinea</i>	Oak, Scarlett (Black, Red, Spanish)	Medium/Large, gray-brown to gray-black, irregular, loose & open crown when mature, showy russet/scarlet fall foliage
NA*	<i>Quercus marilandica</i>	Oak, Blackjack (Black Jack, Barren, Scrub)	Small/Medium often shrubby tree, short trunk, Bark dark gray to black, round crown of twisted limbs, simple leaf
N	<i>Quercus palustris</i>	Oak, Pin (Spanish, Swamp, Spanish Swamp, Water)	Medium, bark gray-brown, straight trunk, branches: upper ascending, middle horizontal, lower pendulous, conical crown
N	<i>Quercus prinus</i>	Oak, Chestnut (Basket, Rock, Rock Chestnut, Mountain Chestnut, Tanbark)	Large, bark gray-brown to brown, alternate, simple. toothed leaf, straight trunk, irregular spread, narrow, dense crown
A	<i>Quercus robur</i>	Oak, English (Pedunculate, British, Truffle)	Large, bark gray-brown to gray-black, short stout trunk, widespread branches, crown open & rounded, simple leaf

N	<i>Quercus rubra</i>	Oak, Red (Eastern Red, Northern Red, Mountain Red, Common Red, Gray)	Large, bark dark grayish brown to blackish, straight trunk, reddish brown twigs and buds, rounded crown, simple leaf
N	<i>Quercus velutina</i>	Oak, Black (Quercitron, Yellow, Yellow Bark, Yellow Butt, Smooth Bark)	Medium/Large, bark gray to grayish black, tapering somewhat limby trunk, irregularly rounded crown, simple leaf
I NA	<i>Robinia pseudoacacia</i>	Locust, Black (Locust, Yellow, White, Green, Post or False Acacia)	Medium, showy white fragrant flowers, bark brown or gray, long straight trunk, irregular open crown, compound leaf
A	<i>Salix alba</i>	Willow, White (European White)	Medium ornamental shade, bark grayish brown, short stout trunk, open wide spreading crown, simple leaf
A	<i>Salix babylonica</i>	Willow, Weeping (Green, Babylon, Chinese, Peking)	Medium ornamental, bark grayish brown, short trunk, drooping branches almost touch ground, oval crown, simple leaf
N	<i>Salix nigra</i>	Willow, Black (Gulf Black, Scythe-Leaved, Southwestern Black, Swamp)	Medium/Large, bark dark brown, grayish black or black, massive leaning trunk, spreading, irregular crown, simple leaf
N	<i>Sassafras albidum</i>	Sassafras (Ague or Mitten Tree) (White, Commo, or Cinnamon Wood, Mittenleaf, Smelling Stick, Saloop, Gumbo File)	Medium aromatic, bark reddish brown, narrow spreading crown, simple leaf is unlobed or has one, two, or three lobes
A	<i>Sorbus aucuparia</i>	Ash, Mountain or European (European Mountain, Common Mountain, or Dogberry, Rowan Tree, Quickbeam)	Small ornamental, showy white flowers, grayish brown bark, short trunk, crown spreading and rounded, compound leaf
A	<i>Styphnolobium japonicum</i> (syn. <i>Sophora japonica</i> )	Chinese Scholar Tree (Scholar Tree, Japanese Pagoda Tree)	Small ornamental, fragrant flower clusters, bark light gray-brown or gray, rounded crown, compound leaf
N	<i>Tilia americana</i>	Linden, American or Basewood (American Basswood)	Medium/Large, gray-green bark turns gray-brown with age, straight trunk, symmetrical rounded crown, simple leaf
A	<i>Tilia cordata</i>	Linden, Little-leaf (Small-Leaf European, Small-Leaved, Winter, or Small-Leaved Lime)	Medium ornamental, fragrant flowers, gray or brown bark, straight short thick trunk, dense round crown, simple leaf
N	<i>Ulmus americana</i>	Elm, American (White, Gray, Water, Soft, Florida)	Large, bark dark brown or gray, 3 growth habits: crown vase shaped, broad & rounded, narrow & columnar, simple leaf
C	<i>Ulmus americana</i> 'Liberty' (syn. 'American Liberty')	Elm, American 'Liberty' (syn. 'American Liberty')	Cultivar consisting of six clones, resistant to Dutch Elm Disease
C	<i>Ulmus americana</i> 'Princeton'	Elm, American 'Princeton'	Large ornamental selected in 1922 for its aesthetic merit, found to be highly resistance to Dutch Elm Disease
C	<i>Ulmus</i> 'Pioneer' ( <i>Ulmus glabra</i> x <i>Ulmus carpinifolia</i> )	Elm, 'Pioneer' (Wych Elm x Smooth Leaf Elm)	Cultivar of two European elms resistant to Dutch Elm Disease
N	<i>Ulmus rubra</i>	Elm, Slippery (Gray, Moose, Red, Soft)	Medium, fragrant bark silvery gray matures to reddish brown, straight trunk, flat topped crown broad, open, simple leaf

### Botanical (Latin) Name List: Conifer Trees (Gymnosperm Family) - Cone Bearing with Leaves that are Awls, Needles, or Scales

**	Botanical (Latin) Name	Common Name(s)	Tree Descriptions (Evergreen Unless Noted)
NA*	<i>Abies balsamea</i>	Fir, Balsam (Eastern, bracted balsam, blister, or Balm-of-Gilead, Canada Balsam)	Small/Medium, bark & foliage aromatic, needles dark green above/white lined under, crown narrow, pointed & spirelike
N	<i>Chamaecyparis thuyoides</i>	Cedar, White or Atlantic White (Swamp, Eastern White, Northern White, Southern White or Arborvitae, White Cypress)	Medium/Large, tiny, dull green-blue scalelike leaves, horizontal branches, narrow, slender and pointed crown
N	<i>Juniperus virginiana</i>	Cedar, Eastern Red (Aromatic, Penci, Red, or Red Juniper, Savin)	Small, 2 leaf types: dark green scalelike &/or dark blue-green needles, light green berries turn dark blue when mature
A	<i>Larix decidua</i>	Larch, European or Common	Small/Med., deciduous, needles emerge singly on new growth, older growth in whorls, straight trunk, pyramidal crown
NA*	<i>Larix laricina</i>	Larch, American or Tamarack (Alaska, Black, Eastern, or Hackmatack, Juniper)	Small/Medium, deciduous, flat needle spirals are light green/yellow in fall, trunk straight, crown open, narrow & conical
A	<i>Picea abies</i>	Spruce, Norway (European, Finnish or Spruce Fir)	Medium/Large, sharp pointed shiny dark green needles are four-angled, trunk straight, crown is pyramid shape
NA	<i>Picea glauca</i>	Spruce, White (Alberta, Alberta White, Canadian, Cat, Norway, Porsild, Skunk, Western White)	Medium, needles stiff, tips pointed & if crushed produce pungent odor, horizontal branches form conical crown
NA*	<i>Picea mariana</i>	Spruce, Black (Bog, Double, Gum, Swamp, Shortleaf Black)	Small/Medium, four sided needles produce pleasant order if crushed, twigs hairy, narrow, conical, or spirelike crown
N	<i>Pinus strobus</i>	Pine, Eastern White (White, Northern White, Weymouth, Pumpkin)	Large (Tall), Trunk straight, long horizontal branches, irregular crown, needles 3" to 5" long, in bundles of five
NA*	<i>Thuja occidentalis</i>	Cedar, Northern White (Eastern, Northern, White or Tree of Life) or Arborvitae (American, Eastern)	Small/Medium, dull yellowish green tiny & scalelike leave turn brown in winter, pyramid shape w/ small round crown
N	<i>Tsuga canadensis</i>	Hemlock, Eastern or Canadian (Canada Hemlock or Hemlock Spruce)	Medium, needles flat, shiny dark green above, white below, crown dense, conical w/ long, slender, horizontal branches