

## Common 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	
	Common Name(s)	Botanical (Latin) Name	Tree Descriptions (Deciduous Unless Noted)
I	Ailanthus or Tree of Heaven (Copal Tree, Stink Tree, Chinese Sumac)	<i>Ailanthus altissima</i>	Medium ornamental shade, bark light brown to gray, crown upright, spreading open, compound leaf
A	Apple	<i>Malus</i> spp.	Small/Medium, showy flowers, simple & alternate leaf, bark gray, short stout twisted trunk, low spreading branches
N	Ash, Green (Darlington, Red, Swamp, Water)	<i>Fraxinus pennsylvanica</i>	Medium/Large, bark gray to brown, poorly formed trunk, irregular to rounded crown, compound leaves
C	Ash, Green 'Patmore'	<i>Fraxinus pennsylvanica</i> 'Patmore'	Trunk ash gray to gray brown, tree uniformly symmetric with oval crown, compound leaf glossy and dark green
A	Ash, Mountain or European (European Mountain, Common Mountain, or Dogberry, Rowan Tree, Quickbeam)	<i>Sorbus aucuparia</i>	Small ornamental, showy white flowers, grayish brown bark, short trunk, crown spreading and rounded, compound leaf
N	Ash, White (American, Biltmore, Biltmore White, Cane, or Small-seed White)	<i>Fraxinus americana</i>	Large, bark light to dark gray or grayish brown, long straight trunk mostly free of branches, compound leaf
C	Ash, White 'Autumn Purple' (Autumn Purple®, syn. 'Junginger')	<i>Fraxinus americana</i> 'Autumn Purple'	Large, gray bark has diamond shaped ridging, long lasting reddish-purple to deep mahogany-purple fall foliage
N	Aspen, Quaking (Trembling or Day Lily, Popple)	<i>Populus tremuloides</i>	Medium, bark yellowish white to greenish or dark gray, straight trunk, narrow and rounded crown, simple leaf
N	Basewood - See Linden	<i>Tilia americana</i>	
N	Beech, American (Carolina, Gray, Red, Ridge, White)	<i>Fagus grandifolia</i>	Large, bark gray, trunk short, branches usually touch ground, crown rounded, simple leaf, showy (bronze) fall foliage
A	Beech, European (Common)	<i>Fagus sylvatica</i>	Medium, bark silver-gray to dark gray-blue, short stocky trunk, broad pyramidal dense crown, simple leaf
N	Birch, Black or Sweet (Cherry)	<i>Betula lenta</i>	Medium ornamental, bark redish brown or gray to black, single straight trunk, twigs aromatic when cut, simple leaf
N	Birch, Paper (Canoe, Eastern, Silver, White, Mountain White)	<i>Betula papyrifera</i>	Medium ornamental, bark white outer & orange inner, multi stemmed trees common, narrow, open crown, simple leaf
N	Birch, Gray (Fire, Oldfield, White, Wire)	<i>Betula populifolia</i>	Small bushy tree, redish-brown bark turns grayish white w/age, multiple trunks common, narrow conical crown
N	Birch, River (Black, Red, Water)	<i>Betula nigra</i>	Medium ornamental, exfoliating showy multicolored bark, trunk divides low into several arching branches, simple leaf
C	Birch, River 'Curly' (Heritage®)	<i>Betula nigra</i> 'Curly' (Heritage®)	Medium ornamental, bark is striking when young, exfoliates to reveal salmon-brown & white patches
	Boxelder - See Maple, Ash-leaved	<i>Acer negundo</i>	
NA	Buckeye, Yellow (Big, Sweet)	<i>Aesculus flava</i> (syn. <i>Aesculus octandra</i> )	Large ornamental, bark gray and brown, straight trunk, rounded crown, showy yellow flowers, compound leaf
A	Caster-Aralia (Prickly Caster-Oil Tree or Haragiri)	<i>Kalopanax septemlobus</i>	Medium/Large shade, showy white flowers, bark dark gray to black, thorny shoots/stems, simple leaf dark glossy green
NA	Catalpa, Southern (Catawba, Caterpillar or Cigar Tree, Indian Bean)	<i>Catalpa bignonioides</i>	Small/Medium shade, short trunk, bark brownish-gray, flower very showy and white, simple leaf, opposite or whorled
N	Cherry, Black (Wild, Wild Black, Mountain Black, Rum, Cabinet)	<i>Prunus serotina</i>	Medium, reddish brown to grayish black, trunk straight, long, and clear, crushed leaves/twigs aromatic, simple leaf
N	Cherry, Pin (Northern Pin, Fire, Wild Red, Pigeon, Bird)	<i>Prunus Pensylvanica</i>	Small, bark shiny dark reddish brown, may peel horizontally, straight trunk, narrow rounded open crown, simple leaf
A	Cherry, Sweet (Mazzard, Wild, Wild Sweet, Bird, Gean)	<i>Prunus avium</i>	Small/Medium, bark reddish gray to gray-brown, straight trunk, broadly rounded crown, simple leaf
A	Chinese Scholar Tree (Scholar Tree, Japanese Pagoda Tree)	<i>Styphnolobium japonicum</i> (syn. <i>Sophora japonica</i> )	Small ornamental, fragrant flower clusters, bark light gray-brown or gray, rounded crown, compound leaf
NA	Cottonwood, Eastern (Plains, Rio Grande) or Poplar (Carolina, Necklace, Plains)	<i>Populus deltoides</i>	Large, bark brown-gray to yellow-green, tall, clear trunk, broad, open and spreading crown, simple leaf
A N	Crabapple	<i>Malus</i> spp.	Small, showy pink to red flowers, leaf toothed & simple, short trunk, spreading branches, broad & open crown
	Cucumber Tree - See Magnolia, Cucumber		
N	Dogwood, Flowering (Eastern, Arrowwood, Boxwood or White Cornel, Cornelian Tree)	<i>Cornus florida</i>	Very small ornamental, white showy flowers, bark brown to dark gray, short trunk, rounded crown, simple leaf

N	Elm, American (White, Gray, Water, Soft, Florida)	<i>Ulmus americana</i>	Large, bark dark brown or gray, 3 growth habits: crown vase shaped, broad & rounded, narrow & columnar, simple leaf
C	Elm, American 'Liberty' (syn. 'American Liberty')	<i>Ulmus americana</i> 'Liberty' (syn 'American Liberty')	Cultivar that is resistant to Dutch Elm Disease
C	Elm, American 'Princeton'	<i>Ulmus americana</i> 'Princeton'	Large ornamental selected in 1922 for its aesthetic merit, found to be highly resistance to Dutch Elm Disease
C	Elm, 'Pioneer' (Wych Elm x Smooth Leaf Elm)	<i>Ulmus</i> 'Pioneer' ( <i>Ulmus glabra</i> x <i>Ulmus carpinifolia</i> )	Cultivar of two European elms resistant to Dutch Elm Disease
N	Elm, Slippery	<i>Ulmus rubra</i>	Medium, fragrant bark silvery gray matures to reddish brown, straight trunk, flat topped crown broad, open, simple leaf
N	Gum, Black (Black Swamp, Bee, Sour, Swamp, Yellow or Pepperidge) or Tupelo	<i>Nyssa sylvatica</i>	Medium, bark gray-brown, crown pyramidal when young, flat-topped when mature, simple leaf, striking fall foliage
NA	Gum, Sweet (Alligator or Opposum Tree, Copalm Balsam, Satin Walnut) (Gum, American Sweet, Blisted, Red, Sap, Star-Leaf, White or Gumwood)	<i>Liquidambar styraciflua</i>	Medium/Large, bark gray-brown, trunk straight, conical crown becomes round and spreading, simple leaf
N	Hackberry, Common or Shagbark (Northern, Lowland, Southern, Sugarberry, Texas, or Bastard Elm, Nettle Tree)	<i>Celtis occidentalis</i>	Medium/Large ornamental with corky or warty, grayish-brown bark, wide spreading crown, simple leaf
N	Hawthorn, Dotted (Large Fruit Thorn or White Haw)	<i>Crataegus punctata</i>	Small ornamental w/short & stout thorns, showy white flowers, bark gray or brown, flat-topped crown, simple leaf
C	Hawthorn, Dotted 'Ohio Poineer'	<i>Crataegus punctata</i> var. <i>inermis</i> 'Ohio Pioneer'	Small ornamental, thornless cultivar,, fragrant & showy white flowers, broad almost flat crown, simple leaf
C	Hawthorn, Green 'Winter King'	<i>Crataegus viridis</i> 'Winter King'	Small ornamental, virtually thornless, showy white flowers, mature outer bark brown-gray, light orange interior
N	Hickory, Pignut (Broom, Red, Swamp, Smoothbark or Coast/Sweet Pignut, False Shagbark)	<i>Carya glabra</i>	Medium/Large with cylindrical narrow form, bark light gray, trunk straight, crown narrow and oblong, compound leaf
N	Hickory, Shagbark (Scalybark, Shellbark, Upland)	<i>Carya ovata</i>	Large, bark gray and very shaggy when mature, tall straight trunk, crown narrow and irregular, compound leaf
N	Holly, American (Dune, Hummock, Scrub)	<i>Ilex opaca</i>	Small evergreen, spiny, alternate & simple leaf, small white flowers, red berries, dense, rounded crown, pyramidal shape
NA	Honeylocust, Thornless (Common, Honey Locust, Honey Shucks, Sweet, Sweet Bean)	<i>Gleditsia triacanthos inermis</i>	Medium, thornless variety, fragrant yellow flowers, short grayish brown trunk, compound leaf, airy, spreading crown
N	Hophornbeam (American, Eastern) or Ironwood	<i>Ostrya virginiana</i>	Small/Medium ornamental, bark light to grayish-brown, rounded crown of spreading branches, simple leaf
N	Hornbeam, American or Muscledwood, Ironwood (Beech - Blue, Water)	<i>Carpinus caroliniana</i>	Small shrubby tree, bark blue-gray, smooth, and fluted, single trunk (unless cultivated), rounded crown, simple leaf
C	Horsechestnut, Red (Red Buckeye x Horse Chestnut Hybrid)	<i>Aesculus x camea</i> ( <i>A. pavia</i> x <i>A. hippocastanum</i> )	Ornamental Medium, bark gray-brown, dense round or pyramidal crown, showy pink to red flowers, compound leaf
	Ironwood - See Hophornbeam Ironwood - See Hornbeam	<i>Ostrya virginiana</i> <i>Carpinus caroliniana</i>	
A	Japanese Pagoda Tree - See Chinese Scholar Tree	<i>Styphnolobium japonicum</i> (syn. <i>Sophora japonica</i> )	
NA	Kentucky Coffee Tree (Coffee-nut, Stump or Kentucky Mahogany, Luck Bean)	<i>Gymnocladus dioica</i>	Medium/Large ornamental, bark light gray to dark grayish brown, short trunk, wide spreading crown, compound leaf
N	Linden, American or Basewood (American Basswood)	<i>Tilia americana</i>	Medium/Large, gray-green bark turns gray-brown with age, straight trunk, symmetrical rounded crown, simple leaf
A	Linden, Little-leaf (Small-Leaf European, Small-Leaved, Winter or Small-Leaved Lime)	<i>Tilia cordata</i>	Medium ornamental, fragrant flowers, gray or brown bark, straight short thick trunk, dense round crown, simple leaf
NA	Locust, Black (Locust, Yellow, White, Green, Post or False Acacia)	<i>Robinia pseudoacacia</i>	Medium, showy white fragrant flowers, bark brown or gray, long straight trunk, irregular open crown, compound leaf
NA	Locust, Honey Thornless - See Honeylocust	<i>Gleditsia triacanthos inermis</i>	Medium, thornless variety, fragrant yellow flowers, short grayish brown trunk, compound leaf, airy, spreading crown
A	Magnolia, Anise (Willow Leaf)	<i>Magnolia salicifolia</i>	Ornamental small tree/large shrub flowers early-mid spring
NA	Magnolia, Cucumber (Cucumber Tree or Mountain Magnolia, Indian-Bitter)	<i>Magnolia acuminata</i>	Medium/Large, bark gray-brown, trunk straight, narrow crown of short upright to spreading branches, simple leaf
NA*	Magnolia, Sweet Bay (Laurel, Swamp, Sweet, or Swampbay, Sweetbay, Whitebay, White Laurel)	<i>Magnolia virginiana</i>	Small ornamental, alternate, simple leaf, aromatic leaves & twigs, bark reddish brown to gray, narrow rounded crown
NA	Maple, Ash-leaved (Manitoba, Threelaf) or Boxelder (California, Inland, Western)	<i>Acer negundo</i>	Medium shade, bark gray to light brown with narrow ridges, short multiple trunks, rounded crown, compound leaf
I	Maple, Norway (European)	<i>Acer platanoides</i>	Medium shade, bark gray or brown, crown rounded with dense foliage, simple leaf, milky sap in leafstalks
N	Maple, Red (Scarlett, Swamp, Water, White, Soft)	<i>Acer rubrum</i>	Large ornamental, bark ash-gray to gray-brown, rounded/compact crown, red flowers, fruit, leafstalks, simple Leaf

C	Maple, Red 'Red Sunset' (syn. 'Franksred', Red Sunset®)	<i>Acer rubrum</i> 'Red Sunset' (syn. 'Franksred')	Medium to large ornamental shade with striking red fall foliage
N	Maple, Silver (Silverleaf, Soft, River, Swamp, White)	<i>Acer saccharinum</i>	Large ornamental, bark silver gray, short stout trunk divides into several subtrunks, irregular open crown, simple leaf
N	Maple, Striped or Moosewood (Goosefoot, Snakebark, Whistlewood)	<i>Acer pensylvanicum</i>	Small shrubby ornamental, striped bark, short trunk, crown broad, uneven, flat-topped to rounded, simple leaf
N	Maple, Sugar (Hard, Rock)	<i>Acer saccharum</i>	Large ornamental, bark gray-brown, rounded dense crown, simple leaf, multicolored (red, orange & yellow) fall foliage
C	Maple, Sugar 'Green Mountain' (Green Mountain*)	<i>Acer saccharum</i> 'Green Mountain'	Large ornamental shade, dark green summer foliage, variable fall foliage may be either red or orange
I	Maple, Sycamore or Planetree (Great, Grey Hardwood or Scottish Plane, Plane Tree)	<i>Acer pseudoplatanus</i>	Large shade, bark gray-brown to red brown, widely spreading rounded crown, opposite simple leaf
	Moosewood - See Maple, Striped	<i>Acer pensylvanicum</i>	
N	Mulberry, Red (American, Purple or Moral)	<i>Morus rubra</i>	Small tree, bark gray-brown, short trunk that branches low, broad rounded crown, simple leaf
	Musclewood - See Hornbeam	<i>Carpinus caroliniana</i>	
N	Oak, Black (Quercitron, Yellow, Yellow Bark, Yellow Butt, Smooth Bark)	<i>Quercus velutina</i>	Medium/Large, bark gray to grayish black, tapering somewhat limby trunk, irregularly rounded crown, simple leaf
NA*	Oak, Blackjack (Black Jack, Barren, Scrub)	<i>Quercus marilandica</i>	Small/Medium often shrubby tree, short trunk, Bark dark gray to black, round crown of twisted limbs, simple leaf
N	Oak, Chestnut (Basket, Rock, Rock Chestnut, Mountain Chestnut, Tanbark)	<i>Quercus prinus</i>	Large, bark gray-brown to brown, alternate, simple, toothed leaf, straight trunk, irregular spread, narrow, dense crown
A	Oak, English (Pedunculate, British, Truffle)	<i>Quercus robur</i>	Large, bark gray-brown to gray-black, short stout trunk, widespread branches, crown open & rounded, simple leaf
N	Oak, Pin (Spanish, Swamp, Spanish Swamp, Water)	<i>Quercus palustris</i>	Medium, bark gray-brown, straight trunk, branches: upper ascending, middle horizontal, lower pendulous, conical crown
N	Oak, Red (Eastern Red, Northern Red, Mountain Red, Common Red, Gray)	<i>Quercus rubra</i>	Large, bark dark grayish brown to blackish, straight trunk, reddish brown twigs and buds, rounded crown, simple leaf
N	Oak, Scarlett (Black, Red, Spanish)	<i>Quercus coccinea</i>	Medium/Large, gray-brown to gray-black, irregular, loose & open crown when mature, showy russet/scarlet fall foliage
N	Oak, Swamp White (Swamp, White)	<i>Quercus bicolor</i>	Medium, bark light grayish to dark brown, limby trunk, crown broad, open rounded or irregularly shaped, simple leaf
N	Oak, White (Eastern White, Stave, Fork-Leaf, Forked-Leaf White, Ridge White)	<i>Quercus alba</i>	Very Large, bark pale ashy gray, tall irregularly divided stout trunk, widespreading crown & branches, simple leaf
N	Planetree, American (Plane Tree) - See Sycamore	<i>Platanus occidentalis</i>	
	Poplar - See Cottonwood	<i>Populus deltoides</i>	
A	Redbud, Eastern (Red-Bud or Judas Tree)	<i>Cercis canadensis</i>	Small ornamental, bark brown to dark gray, short trunk, rounded crown, simple leaf
N	Sassafras (Ague or Mitten Tree) (White, Commo, or Cinnamon Wood, Mittenleaf, Smelling Stick, Saloop, Gumbo File)	<i>Sassafras albidum</i>	Medium aromatic, bark reddish brown, narrow spreading crown, simple leaf is unlobed or has one, two, or three lobes
NA	Sourwood (Sorrelwood or Lily-of-the-valley, Sorrel, Sorrelwood, Titi)	<i>Oxydendrum arboreum</i>	Small showy, flower fragrant looks like lily-of-the-valley, bark grayish-brown, simple leaf, striking red to plum fall foliage
N	Sycamore, American (American Planetree or Plane Tree, Buttonball, Buttonwood)	<i>Platanus occidentalis</i>	Massive, ornamental mottled green, tan & white bark, heavy spreading branches, trunk base dark brown, simple leaf
	Tree of Heaven - See Ailanthus	<i>Ailanthus altissima</i>	
NA*	Tulip Tree (Poplar - yellow, blue, tulip, White or Tulip Magnolia, Yellow Wood, Whitewood)	<i>Liriodendron tulipifera</i>	Large, trunk straight & limb free, large showy flowers, alternate, simple leaf, narrow crown that spreads with age
N	Tupelo - See Gum, Black	<i>Nyssa sylvatica</i>	
NA	Walnut, Black (American, Eastern Black)	<i>Juglans nigra</i>	Medium/Large, bark dark brown, long smooth trunk, small rounded crown, compound leaf, dark green aromatic foliage
N	Willow, Black (Gulf Black, Scythe-Leaved, Southwestern Black, Swamp)	<i>Salix nigra</i>	Medium/Large, bark dark brown, grayish black or black, massive leaning trunk, spreading, irregular crown, simple leaf
A	Willow, Weeping (Green, Babylon, Chinese, Peking)	<i>Salix babylonica</i>	Medium ornamental, bark grayish brown, short trunk, drooping branches almost touch ground, oval crown, simple leaf
A	Willow, White (European White)	<i>Salix alba</i>	Medium ornamental shade, bark grayish brown, short stout trunk, open wide spreading crown, simple leaf

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

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