

TREES

OF



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ANGIOSPERMS

Family ~ Scientific Name	Common Name
Aceraceae	
<i>Acer pensylvanicum</i> L.	Moosewood, Striped maple
<i>Acer rubrum</i> L.	Red maple
<i>Acer saccharum</i> Marsh.	Sugar maple
<i>Acer saccharinum</i> L.	Silver maple
<i>Acer spicatum</i> Lam.	Mountain maple
Aquifoliaceae	
<i>Ilex verticillata</i> (L.) A. Gray	Winterberry
Bignoniaceae	
<i>Catalpa bignonioides</i> Walt.	Catalpa
Betulaceae	
<i>Alnus serrulata</i> (<i>rugosa</i>) (Dryand) Willd.	Smooth alder
<i>Alnus incana</i> (L.) Moench	Speckled alder
<i>Betula alleghaniensis</i> Britt.	Yellow birch
<i>Betula lenta</i> L.	Black birch
<i>Betula populifolia</i> Marsh.	Gray birch
<i>Betula papyrifera</i> Marsh.	White birch, Paper birch
<i>Carpinus caroliniana</i> Walt.	Iron wood, Blue beech
<i>Ostrya virginiana</i> (Mill.) Koch	Hop-hornbeam
Cornaceae	
<i>Cornus florida</i> L.	Flowering dogwood
Fabaceae	
<i>Robinia pseudoacacia</i> L.	Black locust
Fagaceae	
<i>Castanea dentata</i> (Marsh.) Borkh.	American chestnut
<i>Fagus grandifolia</i> Ehrh.	American beech
<i>Quercus alba</i> L.	White oak
<i>Quercus bicolor</i> Willd.	Swamp white oak
<i>Quercus coccinea</i> Muenchh.	Scarlet oak
<i>Quercus ilicifolia</i> Wang.	Scrub oak
<i>Quercus prinus</i> (<i>montana</i>) L.	Chestnut oak
<i>Quercus rubra</i> L.	Red oak
<i>Quercus velutina</i> Lam.	Black oak
Juglandaceae	
<i>Carya cordiformis</i> (Wang.) Koch	Bitternut hickory
<i>Carya glabra</i> (Mill.) Sweet	Pignut hickory
<i>Carya ovata</i> (Mill.) Koch	Shagbark hickory
<i>Juglans cinerea</i> L.	Butternut
<i>Juglans nigra</i> L.	Black walnut
Lauraceae	
<i>Sassafras albidum</i> (Nutt.) Nees	Sassafras
Moraceae	
<i>Morus rubra</i> L.	Red mulberry
Magnoliaceae	
<i>Liriodendron tulipifera</i> L.	Tulip-tree
Nyssaceae	
<i>Nyssa sylvatica</i> Marsh.	Black gum
Oleaceae	
<i>Fraxinus americana</i> L.	White ash
<i>Fraxinus nigra</i> Marsh.	Black ash
<i>Fraxinus pensylvanica</i> Marsh.	Green ash

ANGIOSPERMS (cont.)

Family ~ Scientific Name	Common Name
Platanaceae	
<i>Platanus occidentalis</i> L.	Sycamore
Rosaceae	
<i>Amelanchier canadensis</i> (L.) Medik.	Shadbush
<i>Crataegus crus-galli</i> L.	Cockspur hawthorn
<i>Crataegus macrosperma</i> Ashe	Hawthorn
<i>Malus pumila</i> Mill.	Apple
<i>Prunus pensylvanica</i> L.f.	Pin cherry, Bird cherry
<i>Prunus serotina</i> Ehrh.	Black cherry
<i>Prunus virginiana</i> L.	Choke-cherry
<i>Pyrus communis</i> L.	Common pear
Rhamnaceae	
<i>Rhamnus cathartica</i> L.	European buckthorn
Salicaceae	
<i>Populus alba</i> L.	White poplar
<i>Populus deltoides</i> Bartr.	Cottonwood
<i>Populus grandidentata</i> Michx.	Big-toothed aspen
<i>Populus tremuloides</i> Michx.	Quaking aspen
Simaroubaceae	
<i>Ailanthus altissima</i> (Mill.) Swingle	Tree-of-heaven
Tiliaceae	
<i>Tilia americana</i> L.	Basswood
Ulmaceae	
<i>Ulmus rubra</i> Muhl.	Slippery elm
GYMNOSPERMS	
Cupressaceae	
<i>Juniperus virginiana</i> L.	Eastern red-cedar
Pinaceae	
<i>Larix decidua</i> Mill.	European larch
<i>Larix laricina</i> (DuRoi) Koch	Tamarack
<i>Picea abies</i> (L.) Karst.	Norway spruce
<i>Picea glauca</i> (Moench) Voss	White spruce
<i>Pinus banksiana</i> Lamb.	Jack pine
<i>Pinus resinosa</i> Soland.	Red pine
<i>Pinus rigida</i> Mill.	Pitch pine
<i>Pinus strobus</i> L.	White pine
<i>Tsuga canadensis</i> (L.) Carr.	Eastern hemlock

THE BLACK ROCK FOREST CONSORTIUM

American Museum of Natural History • Barnard College • Brooklyn Botanic Garden • The Browning School • The Calhoun School • Central Park Conservancy • Columbia University • Cornwall Central School District • The Dalton School • Friends Seminary • Marine Biological Laboratory (The Ecosystems Center) • Metropolitan Montessori School • New York-New Jersey Trail Conference • New York City PS/IS 311 • New York City PS 220 • Newburgh Enlarged School District • The School at Columbia University • The Spence School • Storm King School • Trevor Day School



FOREST TREES BY HABITAT



KEY

Column Headers					
Wetlands	•	Cove	•	Lower Slope	•
Upper Slope	•	Ridgetop	•	Disturbed	•
Cultivated					
Status					
C	-	common	•	O	-
occasional	•	U	-	uncommon	

Common Name	W	Co	Lo	Up	R	D	Cu
American beech		O	C	U			
American chestnut			C	O			
Apple **						U	U
Basswood		C	C				
Big-toothed aspen		U	U	U		O	
Bitternut hickory	O	O					
Black ash	U	U					
Black birch		U	C	C	C	O	
Black cherry				O	O	O	
Black gum	C	C	O				
Black locust **			O			O	
Black oak		U	O	U			
Black walnut **		U	U				U
Butternut	U	O					
Catalpa*						O	
Chestnut oak		U	O	C	O		
Choke-cherry			U	U	U	U	
Cockspur hawthorn			O	U		U	
Cottonwood	U						U
Common pear **							U
Eastern hemlock		C	C	O			
Eastern red-cedar					O		

Common Name	W	Co	Lo	Up	R	D	Cu
European buckthorn *						O	
European larch **							U
Flowering dogwood			O			O	
Gray birch	O	U	U	U			
Green ash		U					
Hawthorn				U	U		
Hop-hornbeam			O	O			
Ironwood, Blue-beech			O	O			
Jack pine **						U	
Moosewood, Striped maple	C	C	O	U			
Mountain maple		U	U	U			
Norway spruce **							U
Pignut hickory			O	C	C		
Pin cherry, Bird cherry		U	U	O	C	C	
Pitch pine						O	
Quaking aspen			U			U	
Red maple	C	C	C	C	O	U	
Red mulberry		O					
Red oak		O	C	C	O		
Red pine **							C
Sassafras	U	O	O	U			
Scarlet oak				O	C		
Scrub oak						C	
Shadbush		U	C	C	O		
Shagbark hickory	O	O	U		U		
Silver maple	O	O	U				
Slippery elm	O	O					
Smooth alder	O						
Speckled alder	O						

Common Name	W	Co	Lo	Up	R	D	Cu
Sugar maple		C	C				
Swamp white oak	U						
Sycamore	U	U					
Tamarack **			O				U
Tree-of-heaven *			U	U		C	
Tulip-tree		C	C	O			
White ash		O	C	U			
White Birch			O			C	
White oak		O	O	O	C		
White pine			U	O	U		O
White poplar *							U
White spruce **				O			C
Winterberry	O	O					
Yellow birch	C	C	C	U			

* non-native ** planted, non-native

**A tree is here defined as a woody perennial plant,
generally with a single stem and capable of
reaching heights of over 5 meters.**

Compiled by Matthew Munson and Aaron Kimple with the help
of Kerry Barringer of Brooklyn Botanic Garden.