

Scientific Name	Common Name	Site Moisture					Light			Soil pH		
		WET/ STANDING WATER	MOIST TO WET	MOIST WELL DRAINED	DRY TO MOIST	DRY	SUN	PART	SHADE	ACID	NEUTRAL	ALKALINE
TREES												
Deciduous												
Acer rubrum	red maple		X	X	X		X	X		X	X	
Acer saccharum	sugar maple		X	X	X		X	X			X	
Acer saccharinum	silver maple											
Acer spicatum+	mountain maple		X	X	X		X	X	X	X		
Betula lenta	black birch				X		X	X		X		
Betula alleghaniensis	yellow birch		X	X			X				X	X
Betula populifolia	gray birch		X	X	X					X	X	
Betula nigra	river birch		X		X		X			X	X	
Betula papyrifera	paper birch		X	X			X			X	X	
Carpinus caroliniana	american hornbeam		X		X		X	X	X	X	X	
Carya cordiformis	bitternut hickory			X		X	X	X				
Carya glabra	pignut hickory											
Carya laciniosa	shellbark hickory					X	X	X		X		
Carya ovata	shagbark hickory			X		X	X					
Carya tomentosa	mockernut hickory											
Castanea dentata	American chestnut											
Diospyros virginiana	persimmon			X			X			X	X	X
Fagus grandifolia	American beech			X			X	X		X		
Fraxinus americana	white ash		X	X	X		X			X	X	X
Fraxinus pennsylvanica	green ash		X							X	X	X
Juglans cinerea	butternut			X	X		X					
Juglans nigra	black walnut			X	X		X					
Liquidambar styraciflua	sweetgum		X				X	X				
Liriodendron tulipifera	tulip tree				X		X			X	X	
Magnolia acuminata	cucumber magnolia		X				X	X				
Magnolia virginiana	sweetbay		X				X	X		X		
Nyssa sylvatica	black gum		X	X			X			X	X	
Platanus occidentalis	American sycamore		X				X			X	X	
Populus deltoides	eastern cottonwood		X				X			X	X	X
Populus grandidentata	bigtooth aspen		X				X					
Populus tremuloides	quaking aspen		X				X			X	X	
Prunus pensylvanica	pin cherry			X	X		X	X				
Prunus serotina	black cherry			X	X		X	X		X	X	
Quercus alba	white oak				X		X			X	X	
Quercus bicolor	swamp white oak	X	X	X	X		X	X		X	X	
Quercus coccinea+	scarlet oak				X		X			X	X	
Quercus ilicifolia+	bear oak			X	X	X	X			X	X	
Quercus palustris	pin oak		X	X			X			X	X	
Quercus prinus	chestnut oak			X	X	X	X			X	X	

Quercus rubra	red oak			X			X			X	X	
Quercus velutina	black oak			X	X		X			X	X	
Salix nigra	black willow		X								X	X
Sassafras albidum+	sassafras				X		X			X	X	
Tilia americana	basswood			X	X		X	X			X	
Ulmus americana	American elm		X	X	X					X	X	X
Ulmus rubra	slippery elm			X								
Evergreen												
Chamaecyparis thyoides	Atlantic white cedar											
Juniperus virginiana	eastern red cedar				X		X			X	X	X
Picea glauca	white spruce											
Picea mariana	black spruce											
Picea rubens	red spruce											
Pinus resinosa	red pine						X			X		
Pinus rigida	pitch pine					X	X			X		
Pinus strobus	eastern white pine			X		X	X	X		X	X	
Pinus virginiana	Virginia pine					X	X					
Thuja occidentalis	northern white cedar		X	X	X		X	X		X	X	X
Tsuga canadensis	eastern hemlock		X	X	X		X	X	X			
SMALL TREES (up to 25')												
Acer pensylvanicum*	striped maple							X		X		
Amelanchier arborea	serviceberry		X	X	X		X	X		X	X	
Amelanchier canadensis	shad bush		X	X	X		X			X		
Amelanchier laevis	smooth serviceberry		X	X			X					
Aronia arbutifolia	red chokeberry	X	X	X	X		X	X		X		
Aronia melanocarpa	purple chokeberry		X	X	X		X	X		X		
Asimina triloba	pawpaw											
Celtis occidentalis	hackberry											
Cornus alternifolia	pagoda dogwood		X	X	X		X	X		X	X	
Cornus florida	flowering dogwood				X		X	X		X	X	
Hamamelis virginiana	witchhazel		X	X	X		X	X		X	X	
Malus coronaria	American crabapple		X	X	X		X	X		X	X	X
Morus rubra	red mulberry											
Ostrya virginiana+	hophornbeam				X		X	X		X	X	X
Prunus americana	wild plum				X	X	X	X				
Salix sericea	silky willow											
SHRUBS												
Alnus incana (A. rugosa)	speckled alder		X				X	X				
Alnus serrulata	smooth alder	X					X	X				
Amelanchier stolonifera	running serviceberry											
Baccharis halmifolia	groundsel											
Carpinus caroliniana	musclewood											
Cephalanthus occidentalis	buttonbush	X	X				X	X		X	X	X

Chamaedaphne calyculata	leatherleaf											
Clethra alnifolia	sweet pepperbush		X				X	X		X		
Comptonia peregrina+	sweetfern					X	X	X				
Cornus ammomum	silky dogwood	X	X				X	X		X	X	X
Cornus canadensis	bunchberry											
Cornus racemosa	gray dogwood		X	X	X		X	X	X	X	X	
Cornus sericea	red osier dogwood		X				X	X		X	X	X
Corylus americana	American hazelnut			X	X	X						
Crataegus crusgalli	cockspur hawthorn											
Diervilla lonicera	northern bush honeysuckle				X					X		
Dirca palustris	eastern leatherwood		X				X					
Euonymus americanus	strawberry bush							X	X			
Gaylussacia baccata	black huckleberry	X	X				X			X		
Gaylussacia frondosa	huckleberry											
Hibiscus moscheutos	swamp rose mallow		X									
Hydrangea arborescens	wild hydrangea				X			X		X	X	
Ilex glabra	inkberry		X				X	X		X		
Ilex opaca	American holly		X	X			X	X		X		
Ilex verticillata	winterberry holly	X	X				X	X		X	X	X
Kalmia angustifolia	sheep laurel	X	X				X	X		X		
Kalmia latifolia	mountain laurel		X	X	X		X	X		X		
Leucothoe racemosa	sweetbells		X					X		X		
Lindera benzoin	spice bush		X	X			X	X		X	X	
Myrica gale	sweetgale		X									
Myrica pensylvanica	northern bayberry		X	X	X	X	X	X		X	X	
Nemopanthus mucronata	mountain holly											
Physocarpus opulifolius	ninebark											
Potentilla fruticosa	shrubby cinquefoil		X		X		X					
Prunus maritima	beach plum											
Prunus pumila	sand cherry											
Prunus virginiana	choke cherry		X	X	X		X			X	X	X
Ptelea trifoliata	Wafer-ash											
Rhododendron canadense	white rhodora	X	X				X	X		X		
Rhododendron periclymenoides	pinxterbloom azalea		X	X	X		X	X		X		
Rhododendron maximum	rosebay			X	X			X	X	X		
Rhododendron prinophyllum	roseshell azalea				X			X		X		
Rhododendron viscosum	swamp azalea	X	X				X			X		
Rhus aromatica	fragrant sumac			X	X	X	X	X	X	X		
Rhus coppalina	shining sumac					X	X	X	X	X	X	
Rhus glabra	smooth sumac				X		X	X				
Rhus typhina	staghorn sumac				X	X	X	X			X	
Ribes americanum	wild black currant		X	X	X		X	X				
Rosa carolina	pasture rose					X	X			X	X	X
Rosa palustris	swamp rose		X		X		X					
Rosa virginiana	Virginia rose				X	X	X	X				
Rubus allegheniensis	northern blackberry					X				X	X	

Hydrophyllum virginianum	Virginia waterleaf												
Hypericum mutilum	dwart St. John's wort		X					X					
Hypericum punctatum	spotted St. Johns wort		X	X	X								
Impatiens capensis	Jewelweed		X					X	X	X			
Impatiens pallida	pale jewelweed		X				X	X	X		X	X	
Iris prismatica	slender blue flag iris												
Iris versicolor	blue flag iris	X	X				X						
Jeffersonia diphylla	twinleaf												
Laportea canadensis+	wood nettle		X					X	X				
Lemna minor	lesser duckweed	X											
Lespedeza capitata>	round-headed bush clover					X	X						
Liatris scariosa var. nova-angliae	New Englands blazing star					X	X	X					
Lilium canadense	Canada lily		X				X	X					
Lilium philadelphicum	Wood lily					X		X	X				
Lilium superbum	turk's-cap lily		X				X	X	X				
Linaria canadensis> (Nuttallanthus canadensis)	blue toadflax					X	X						
Lindernia dubia	false pimpernel	X	X				X						
Lobelia cardinalis	cardinal flower	X	X				X	X					
Lobelia inflata	indian tobacco				X	X	X	X					
Lobelia siphilitica	great blue lobelia	X	X		X		X	X	X				
Ludwigia palustris	common water purslane	X											
Lupinus perennis	wild blue lupine					X	X	X					
Lycopus uniflorus	northern bugleweed	X	X										
Lysimachia ciliata	fringed loosestrife	X	X				X	X	X				
Lysimachia terrestris	swamp candles	X	X				X	X	X				
Lysimachia thrysiflora	swamp loosestrife	X	X				X						
Maianthemum canadense	Canada mayflower			X	X					X			
Maianthemum stellatum+	star-flowered Solomon's seal		X				X						
Marshallia grandiflora	Barbara's buttons												
Medeola virginiana	Indian cucumber			X	X					X			
Mimulus ringens	monkeyflower	X	X				X						
Mitella diphylla	miterwort				X					X			
Monarda didyma	bee-balm		X				X	X	X				
Monarda fistulosa>	wild bergamot					X	X	X			X	X	
Monarda punctata	spotted horsemint												
Myosotis laxa	forget me not	X	X				X						
Nuphar lutea	yellow pond-lily	X					X						
Nymphaea odorata	fragrant water-lily	X					X						
Nymphoides cordata	little floating heart	X					X						
Oenothera biennis	evening primrose				X	X	X						
Oenothera fruticosa	narrow-leaved sundrops												
Oenothera perennis>	sundrops				X	X	X						
Opuntia humifusa	eastern prickly pear					X	X						
Orchis spectabilis	showy orchis		X					X	X		X	X	
Orontium aquaticum	golden club	X	X				X						
Osmorhiza claytoni	sweet cicely				X			X	X				

Osmunda cinnamomea	cinnamon fern	X						X		X		
Osmunda claytonia	interrupted fern		X	X	X					X	X	
Osmunda regalis	royal fern	X								X	X	
Polypodium virginianum	common polypody											
Polystichum acrostichoides	Christmas fern				X					X	X	
Polystichum braunii	Braun's holly fern											
Polypodium virginianum	rock polypody											
Thelypteris noveboracensis	New York fern			X				X		X		
Thelypteris palustris	marsh fern		X									
Woodsia obtusa	bluntlobe cliff fern											
Woodwardia virginica	Virginia chain fern	X										
GRASSES AND GRASS-LIKE PLANTS												
Andropogon gerardii	big bluestem		X	X	X	X	X	X	X			
Andropogon virginicus	broomsedge				X			X				
Bouteloua curtipendula	sideoats grama					X		X				
Bromus purgans	hairy wood chess											
Calamagrostis canadensis	bluejoint		X					X				
Carex baileyi	Bailey's sedge	X										
Carex comosa	bearded sedge	X						X	X			
Carex crinita	crinkled sedge	X										
Carex flaccosperma	blue wood sedge											
Carex grayi	Gray's sedge							X	X			
Carex intumescens	bladder sedge		X					X	X	X		
Carex lupulina	hop sedge		X					X	X			
Carex lurida	lurid sedge	X						X	X			
Carex pensylvanica	Pennsylvania sedge			X	X			X	X	X	X	
Carex plantaginea	plantain-leaved sedge											
Carex platyphylla	broad-leaved sedge											
Carex scoparia	broom sedge											
Carex stipata	awl-fruited sedge											
Carex stricta	tussock sedge	X						X	X			
Carex vulpinoidea	fox sedge	X						X	X			
Cinna arundinacea	common woodreed		X					X	X	X		
Cyperus strigosus	umbrella sedge											
Deschampia cespitosa	tufted hairgrass	X										
Dulichium arundinaceum	three way sedge	X										
Eleocharis acicularis	needle spikerush											
Eleocharis obtusa	blunt spike rush	X						X				
Elymus canadensis	Canada wild rye							X	X			
Elymus hystrix	bottlebrush grass				X			X	X	X		
Elymus riparius	riverbank wild rye							X	X	X		
Elymus virginicus	Virginia wild rye		X					X	X	X		
Eragrostis spectabilis	purple lovegrass											
Equisetum arvense	Common horsetail			X								
Equisetum hyemale	horsetail rush			X						X		

