

Master Plant List for Riparian and Bioretention Area Plantings

Common Name	Scientific Name	Tolerance	Bloom Color	Fall Color	Bloom Dates	Fruit	Other Feature	Plant Type	Max. Height	Sun	Wetland Indicator
Box Elder	<i>Acer negundo</i>	Flood	White	Yellow-green	March - April	Brown		Large Tree	Over 30 ft.	Full-Part-Shade	FACU-
Red Maple	<i>Acer rubrum</i>	Brief flood	Red	Varies Green-Red	Jan - March			Large Tree	Over 30 ft.	Full-Part	FAC
Yellow Buckeye	<i>Aesculus octandra</i>	Brief flood	Yellow	Yellow-orange	April - June	Brown		Large Tree	Over 30 ft.	Full-Part	
Tag Alder	<i>Alnus serrulata</i>	Flood	Yellow	Yellow-orange	Feb - March	Brown	Catkins	Small Tree	Under 30 ft.	Full-Part	FACW+
Serviceberry	<i>Amelanchier arborea</i>	Brief Flood	White	Yellow-orange	March - May	Blue	Edible fruit	Small Tree	Under 30 ft.	Full-Part	FACU
Blue Star	<i>Amsonia tabernaemontana</i>	Flood	Blue		April			Perennial	3 ft.	Full-Part	FACW
Chokeberry	<i>Aronia arbutifolia</i>	Drought and Flood	White	Scarlet	March - May	Red		Shrub	10 ft.	Full-Part	
Native Brake-Cane	<i>Arundinaria gigantea</i>	Flood			April - July		Bamboo relative	Evergreen Shrub	25 ft.	Full	FACW
Swamp Milkweed	<i>Asclepias incarnata</i>	Flood	Pink		July - Sept			Perennial	4 ft.	Full-Part	OBL
Butterflyweed	<i>Asclepias tuberosa</i>	Drought	Orange		July		Attracts Butterflies	Perennial	3 ft.	Full-Part	
PawPaw	<i>Asimina triloba</i>	Brief Flood	Maroon	Yellow	March - May		Edible fruit	Small Tree	Under 30 ft.	Full-Part	FAC
Lady Fern	<i>Athyrium filix-femina</i>	Brief Flood			May - Sept			Perennial	3 ft.	Part-Shade	FAC
False Indigo	<i>Baptisia species</i>	Drought and Brief Flood	Blue					Perennial			
Cherry birch	<i>Betula Lenta</i>	Brief flood	Brown	Yellow	March - April			Large Tree	Over 30 ft.	Full-Part	FACU
River Birch	<i>Betula nigra</i>	Drought and Flood	Brown	Yellow	March - April		Exfoliating bark	Large Tree	Over 30 ft.	Full	FACW
Showy Tickseed Sunflower	<i>Bidens aristosa</i>	Brief flood	Yellow		Sept - Oct			Annual	5 ft.	Full	FACW
Beautyberry	<i>Callicarpa Americana</i>	Drought and Brief Flood	White-pink	Puple berries	June - July	Purple		Shrub	6 ft.	Full-Part	FACU-
Sweet Shrub	<i>Calycanthus floridus</i>	Brief Flood	Red	Yellow	April - May			Shrub	9 ft.	Full-Part	FACU+
Fringed Sedge	<i>Carex crinita</i>	Flood	Green		May - June			Sedge	5 ft.	Full-Part	FACW+
Lurid Sedge	<i>Carex lurida</i>	Flood	Green		June - Sept			Sedge	3 ft.	Full-Part	OBL
Ironwood	<i>Carpinus caroliniana</i>	Drought and Flood		Orange-red	March - April			Small Tree	Under 30 ft.	Full-Part	FAC
Buttonbush	<i>Cephalanthus occidentalis</i>	Flood	White	Red	June - Aug			Shrub	10 ft.	Full	OBL
Redbud	<i>Cercis canadensis</i>	Drought and Brief flood	Pink		Late April - May	Brown		Small Tree	Under 30 ft.	Full-Part	FACU
River Oats	<i>Chasmanthium latifolium</i>	Drought and Flood			June - Aug			Ornamental Grass	3 ft.	Full-Part-Shade	FAC-
Turtlehead	<i>Chelone glabra</i>	Flood	White		Aug - Oct			Perennial	3 ft.	Full-Part	OBL
Fringe Tree	<i>Chionanthus virginicus</i>	Brief Flood	White	Blue fruit	April - May	Blue		Small Tree	Under 30 ft.	Full-Part	FACU
Green and Gold	<i>Chrysogonum virginianum</i>	Brief Flood	Yellow		Late March - Early June			Perennial	2 ft.	Full-Part	
Clethra	<i>Clethra alnifolia</i>	Brief flood	White-pink	Yellow-brown	June - July			Shrub	8 ft.	Full-Part	FACW
Mouse Ear Coreopsis or Lot	<i>Coreopsis auriculata</i>	Brief Flood	Yellow		April - June			Perennial	2 ft.	Full-Part	
Lanceleaf Tickseed	<i>Coreopsis lanceolata</i>	Drought and Brief Flood	Yellow		April - June			Perennial	2 ft.	Full-Part	UPL
Pagoda Dogwood	<i>Cornus alternifolia</i>	Drought	White	Purple	May	Blue	Nice bark structure	Small Tree	Under 30 ft.	Full-Part	
Silky Dogwood	<i>Cornus amomum</i>	Flood	White	Blue fruit	May - June	Blue	Red stems	Small Tree	Under 30 ft.	Full-Part	FACW+
American Hazelnut	<i>Corylus americana</i>	Drought	Yellow-Brown	Copper-red	Feb - March	Brown	Catkins, Edible nuts	Shrub	12 ft.	Full-Part-Shade	FACU
Washington Hawthorn	<i>Crataegus phaenopyrum</i>	Flood	White	Orange	May - June	Red		Small Tree	Under 30 ft.	Full	FAC-
Persimmon	<i>Diospyros virginiana</i>	Brief flood	Yellow-Orange		May - June			Large Tree	Over 30 ft.	Full-Part	FAC
Strawberry Bush	<i>Euonymous americanus</i>	Brief Flood	White		May - June	Orange		Shrub	6 ft.	Part	FAC-
Fothergilla	<i>Fothergilla gardenni</i>	Drought and Brief Flood	White	Orange Scarlet	April - May		Suckering	Shrub	5 ft.	Full-Part	FACW
Silverbell	<i>Halesia carolina</i>	Drought and Brief Flood	White		March - May			Large Tree	Over 30 ft.	Full-Part	
Witch-hazel	<i>Hamamelis virginiana</i>	Drought	Yellow	Golden yellow	Oct - Dec			Small Tree	Under 30 ft.	Full-Part	FACU
Swamp Sunflower	<i>Helianthus angustifolius</i>	Drought	Yellow		July - Frost			Perennial	8 ft.	Full-Part	FAC+
Rose Mallow	<i>Hibiscus moscheutos</i>	Flood	Pink		June - Sept.			Perennial	6 ft.	Full-Part	OBL
Bushy St John's-wort	<i>Hypericum densiflorum</i>	Flood	Yellow		June - Aug			Shrub	7 ft.	Full-Part-Shade	FACW-
Gray Inkberry	<i>Ilex glabra</i>	Brief flood	White	Green	May - June	Black	Fall/Winter Berries	Evergreen Shrub	8 ft.	Full-Part	FACW
American Holly	<i>Ilex opaca</i>	Drought and Brief Flood	White	Green	April - June	Red	Fall/Winter Berries	Evergreen Tree	Over 30 ft.	Full-Part	FAC-
Winterberry	<i>Ilex verticillata</i>	Flood	White		April - May	Red	Fall/Winter Berries	Shrub	15 ft.	Full-Part	FACW
Jewelweed	<i>Impatiens capensis</i>	Flood	Orange		Aug			Perennial	5 ft.	Shade	FACW
Blue Flag Iris	<i>Iris virginica</i>	Flood	Purple		April - May			Perennial	2 ft.	Full-Part-Shade	OBL
Virginia Sweetspire	<i>Itea virginica</i>	Flood	White	Red	May - June			Shrub	6 ft.	Full-Part	FACW+
Soft Rush	<i>Juncus effuses</i>	Flood	Green-Brown		July - Sept			Rush	3 ft.	Full	FACW+
Gayfeather	<i>Liatris spicata</i>	Brief Flood	Pink Blue White		July - Aug			Perennial	4 ft.	Full-Part	FACU

Spicebush	<i>Lindera benzoin</i>	Brief Flood	Yellow	Orange	March - April	Red	Aromatic foliage	Shrub	12 ft.	Full-Part	FACW
Cardinal Flower	<i>Lobelia cardinalis</i>	Flood	Red		Aug		Attracts hummingbird	Perennial	5 ft.	Full-Part	FACW+
Umbrella Tree	<i>Magnolia tripetala</i>	Brief Flood	White		April - May			Small Tree	Under 30 ft.	Full-Part	FAC
Sweetbay Magnolia	<i>Magnolia virginiana</i>	Flood	White	Green	April - July		Aromatic foliage	Evergreen Tree	Over 30 ft.	Full-Part	FACW+
Spotted Beebalm	<i>Monarda punctata</i>	Drought	Yellow		July - Aug			Perennial	3 ft.	Full	FAC
Blackgum	<i>Nyssa sylvatica</i>	Flood		Red	April - June	Blue-Black		Large Tree	Over 30 ft.	Full-Part	FAC
Cinnamon Fern	<i>Osmunda cinnamomea</i>	Flood			March - May			Perennial	4 ft.	Full-Part-Shade	FACW+
Royal Fern	<i>Osmunda regalis</i>	Flood			March - June			Perennial	5 ft.	Full-Part-Shade	OBL
Switchgrass or Panic Grass	<i>Panicum virgatum</i>	Drought and Flood	Blue	Red	June - Oct	Red		Ornamental Grass	6 ft.	Full	FAC+
Garden Phlox	<i>Phlox paniculata</i>	Brief Flood	Pink		July - Aug			Perennial	7 ft.	Full	FACU
Moss Pinks	<i>Phlox subulata</i>	Drought and Brief Flood	Pink		April		Creeping	Perennial	6 inches	Full	
Ninebark	<i>Physocarpus opulifolius</i>	Brief Flood	White-pink	Yellow-Bronze	May - July			Shrub	8 ft.	Full-Part	FAC-
Sycamore	<i>Platanus occidentalis</i>	Brief flood					Attractive structure	Large Tree	Over 30 ft.	Full-Part	FACW-
Pickerelweed	<i>Pontedaria cordata</i>	Flood	Lavender Blue		May - Oct			Perennial	3 ft.	Full	OBL
Black cherry	<i>Prunus serotina</i>	Brief flood	White	Yellow-Red	April - May	Red	Attract Birds	Large Tree	Over 30 ft.	Full	FACU
Swamp Azalea	<i>Rhododendron viscosum</i>	Flood	White		Late May - July		Aromatic flower	Shrub	8 ft.	Part	FACW+
Carolina Rose	<i>Rosa carolina</i>	Drought	Pink	Red	May - June			Shrub	6 ft.	Full	FACU
Swamp Rose	<i>Rosa palustris</i>	Flood	Pink	Red	May - July			Shrub	6 ft.	Full	OBL
Rudbeckia	<i>Rudbeckia fulgida</i>	Drought and Brief Flood	Yellow	Orange	Aug - Oct			Perennial	2 ft.	Full-Part	FAC+
Black Eyed Susan	<i>Rudbeckia hirta</i>	Drought	Yellow		May - July	Black		Perennial	3 ft.	Full	FACU
Cutleaf Coneflower	<i>Rudbeckia laciniata</i>	Flood	Yellow-Green		July - Oct			Perennial	10 ft.	Full-Part-Shade	FACW
Willows	<i>Salix sp.</i>	Flood			April, Spring			Large Tree	Over 30 ft.		
Common Elderberry	<i>Sambucus canadensis</i>	Brief Flood	White	Yellow-Green	Late April - July	Purple, Black	Attracts Birds	Shrub	12 ft.	Full	FACW-
Woolgrass	<i>Scirpus cyperinus</i>	Flood	Green		July - Sept	Yellow		Sedge	5 ft.	Full-Part	OBL
Goldenrod	<i>Solidago rugosa</i>	Flood	Yellow		Sept - Oct	Brown		Perennial	4 ft.	Full-Part	FAC
Showy Goldenrod	<i>Solidago speciosa</i>		Yellow		Sept - Oct			Perennial	4 ft.	Full-Part	None
Indiangrass	<i>Sorghastrum nutans</i>	Drought and Brief Flood	Yellow		Sept - Oct		Red-yellow winter	Ornamental Grass	6 ft.	Full	FACU
Meadowsweet	<i>Spiraea latifolia</i>	Flood	White		June - Sept	Light brown		Shrub	6 ft.	Full	FACW
Hardhack	<i>Spiraea tomentosa</i>	Flood	Deep pink, rose purple		July - Sept		Attracts Butterflies	Shrub	6 ft.	Full	FACW
Stoke's Aster	<i>Stokesia laevis</i>	Brief Flood	Lavender Blue		Late June - Aug			Perennial	2 ft.	Full-Part	FAC
White basswood	<i>Tilia heterophylla</i>	Drought	Yellow		June	Brown		Large Tree	Over 30 ft.	Full-Part-Shade	
Virginia Spiderwort	<i>Tradescantia virginiana</i>	Drought	Blue		Late May - July			Perennial	2 ft.	Full-Part	FAC+
Blueberry	<i>Vaccinium ashei</i>	Drought						Shrub			
Ironweed	<i>Vernonia novaboracensis</i>	Drought and Flood	Purple		July - Sept			Perennial	7 ft.	Full	FAC+
Arrow-wood	<i>Viburnum dentatum</i>	Brief Flood	White	Red	Late March-May	Blue, Black	Drupes	Shrub	10 ft.	Full-Part	FAC
Possumhaw	<i>Viburnum nudum</i>	Drought and Flood	White	Red	April - May	Black		Shrub	10 ft.	Full-Part	FACW+
Prepared by NCSU Water Quality Group											
December 2007											