BOTANICAL NAME	COMMON NAME	BMP TYPE						REGION				HYDROLOGIC ZONE						WETLAND INDICATOR STATUS		MOISTURE			SUN/ SHADE			SALINITY			MAX HEIGHT	LEAF TYPE			Ph RANGE							INUNDATION (Inches)	BLOOM SEASON/ SEASONAL INTEREST												NOTABLE FALL FOLIAGE	NOTABLE CHARACTERISTICS
		SOIL COMPOST AMENDMENT	BIORETENTION FACILITIES	DRY SWALE	WET SWALE	CONSTRUCTED WETLAND	WET POND	MOUNTAIN	PIEDMONT	COASTAL	NON-NATIVE	SUBMERGED (1)	SHALLOW WATER (2)	REGULARLY INUNDATED (3)	PERIODICALLY INUNDATED (4)	INFREQUENTLY INUNDATED (5)	NEVER INUNDATED (6)	AGCP	EMP	DRY	MEDIUM	WET	FULL SUN	PART SUN	FULL SHADE (SH)	SENSITIVE	INTERMEDIATE	RESISTANT		EVERGREEN	SEMIEVERGREEN	DECIDUOUS	EXTREMELY ACID (BELOW 4.0)	STRONGLY ACID (4.1 TO 5.0)	MODERATELY ACID (5.1 TO 6.0)	SLIGHTLY ACID (6.1 TO 6.5)	NEUTRAL (6.6 TO 7.5)	ALKALINE (7.6 TO 8.5)	STRONGLY ALKALINE (8.6+)		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
FERNS																																																					
Adiantum pedatum	northern maidenhair fern	■		■				■	■	■					■	■	■	FACU	FAC		■			■	■	■			18"			■		■	■	■				0													
Athyrium asplenioides	southern lady fern	■	■	■	■			■	■	■					■	■	■	FAC	FAC		■	■		■		■			36"			■		■	■	■	■			0													
Dennstaedtia punctilobula	hay-scented fern	■		■				■	■	■					■	■	■	UPL	FACU		■			■	■	■			36"			■		■	■	■	■			0													
Dryopteris carthusiana	spinulose woodfern	■	■		■			■	■	■				■	■	■	■	FACW	FAC		■	■		■	■	■			30"		■			■						0													
Dryopteris intermedia	intermediate woodfern	■		■				■	■							■	■	FACU	FACU	■	■	■		■	■	■			30"		■									0													
Dryopteris marginalis	marginal woodfern	■		■				■	■							■	■	FACU	FACU	■	■	■		■	■	■			36"	■										0													
Onoclea sensibilis	sensitive fern	■	■		■	■	■	■	■	■					■	■	■	FACW	FACW		■	■	■	■	■	■			42"			■								0													
Osmundastrum cinnamomeum	cinnamon fern	■	■		■	■	■	■	■	■					■	■	■	FACW	FACW		■	■	■	■	■	■			60"			■		■	■	■				0													
Osmunda claytoniana	interrupted fern	■	■	■	■			■	■						■	■	■	FAC	FAC		■	■		■	■	■			72"	■				■	■					0													
Osmunda spectabilis	royal fern	■	■		■	■	■	■	■	■			■	■				OBL	OBL		■	■	■	■	■	■			60"			■		■	■					0													
Polystichum acrostichoides	christmas fern	■		■				■	■								■	FACU	FACU		■	■		■	■	■			36"	■				■	■	■	■			0													
Pteridium aquilinum	northern bracken fern	■		■				■	■	■						■	■	FACU	FACU	■	■	■	■	■		■			40"			■								0													
Thelypteris noveboracensis	New York fern	■	■		■			■	■	■					■	■	■	FAC	FAC	■	■	■		■	■	■			18"			■		■	■	■				0													
Woodwardia areolata	netted chain fern	■			■	■	■		■	■			■	■	■	■		OBL	FACW		■	■		■	■		■		30"			■			■	■				0													
Woodwardia virginica	Virginia chain fern	■			■	■	■		■	■								OBL	OBL							■			36"			■								12													
GRASSES & GRASSLIKE PLANTS																																																					
Agrostis perennans	autumn bentgrass	■	■	■				■	■	■					■	■		FACU	FACU	■	■	■	■	■	■	■			40"			■		■	■	■	■			0													
Andropogon virginicus	broomsedge bluestem	■	■	■				■	■	■							■	FAC	FACU	■	■	■	■				■		36"			■			■	■	■			0													
Carex crinita	fringed sedge					■	■	■	■	■			■	■				FACW	OBL		■	■	■	■		■			60"			■		■	■	■	■			0													
Carex lurida	shallow sedge					■	■	■	■	■			■	■				OBL	OBL		■	■	■	■		■			40"			■			■	■	■			3													
Carex stricta	tussock sedge					■	■	■	■	■			■	■				OBL	OBL			■	■	■		■			40"			■	■	■	■	■	■			6													
Carex vulpinoidea	fox sedge			■		■	■	■	■	■			■	■				FACW	OBL			■	■	■		■			40"			■			■	■	■	■	■	6													
Chasmanthium latifolium	sea oats	■	■	■				■	■	■					■	■	■	FAC	FACU	■	■	■	■	■		■			60'			■			■	■	■			0													
Chasmanthium laxum	slender wood-oats	■	■		■				■	■				■	■	■	■	FACW	FAC			■	■			■			60"			■		■	■	■	■			0													
Dichanthelium clandestinum	deertongue	■	■		■			■	■	■								FACW	FAC	■	■	■	■	■		■			60"			■		■	■	■	■			0													
Distichlis spicata	saltgrass					■	■			■			■	■	■	■		OBL	FACW			■	■					■	18"			■						■	■	2													
Eleocharis obtusa	blunt spikerush					■	■	■	■	■			■	■				OBL	OBL			■	■						30"			■		■	■	■	■	■	■	3													
Elymus riparius	riverbank wild rye	■	■		■	■	■	■	■					■	■	■		FACW	FACW	■	■	■	■	■		■			60"			■		■	■	■	■			0													
Elymus virginicus	Virginia wild rye	■	■		■			■	■	■					■	■	■	FAC	FACW	■	■		■	■	■	■			66"			■		■	■	■	■			0													
Glyceria striata	fowl mangrass					■	■	■	■	■			■	■				OBL	OBL			■	■			■			60"			■		■	■	■	■	■		0													
Juncus canadensis	Canda rush					■	■		■	■			■	■	■			OBL	OBL		■	■	■	■			■			48"			■		■	■	■	■			3													
Juncus effusus	soft rush		■			■	■	■	■	■			■	■	■	■		OBL	FACW		■	■	■	■		■			48"			■			■	■	■			12													
Juncus roemerianus	needlegrass rush					■	■		■	■			■	■				OBL	OBL		■	■	■	■				■	48"			■		■	■	■	■			6													
Leersia oryzoides	rice cutgrass					■	■	■	■	■			■	■				OBL	OBL		■	■	■	■		■			60"			■			■	■	■	■	■	6													
Liriope muscari	lilyturf	■	■								■						■	NI	NI	■	■		■	■	■	■			6"	■					■	■	■	■		0													
Muhlenbergia capillaris	hairawn muhly	■	■						■	■					■	■	■	FAC	FACU				■					■	36"			■			■	■	■			0													
Ophiopogon planiscapus	black mondo grass	■	■								■						■	NI	NI				■			■			8'		■				■	■	■			0													
Panicum virgatum	switchgrass	■	■	■	■	■		■	■	■			■	■	■	■	■	FAC	FAC	■	■	■	■	■			■		72"			■		■	■	■	■			0													
Schizachyrium scoparium	little bluestem	■		■				■	■	■					■	■	■	FACU	FACU	■	■		■			■			48"			■			■	■	■			0													
Schoenoplectus pungens	common three-square					■	■	■	■	■			■	■				OBL	OBL			■	■				■		48"			■								6													
Schoenoplectus tabernaemontani	soft stem bulrush					■	■	■	■	■			■	■				OBL	OBL			■	■			■			120"			■		■	■	■	■			12													
Scirpus atrovirens	green bulrush					■	■	■	■	■			■	■				OBL	OBL			■	■			■			72"			■		■	■	■	■			12													
Scirpus cyperinus	woolgrass		■			■	■	■	■	■			■	■	■	■		OBL	FACW			■	■			■			60"			■		■	■	■	■			3													
Sorghastrum nutans	Indiangrass	■		■										■	■	■	■	FACU	FACU	■	■		■			■			72"			■		■	■	■	■			0													
Spartina alterniflora	smooth cordgrass					■	■			■			■	■				OBL	OBL			■	■					■	84			■		■	■	■	■			12													
Spartina cynosuroides	big cordgrass					■	■			■			■	■				OBL	OBL			■	■					■	120"			■		■	■	■	■			2													
Spartina patens	salt meadow hay		■		■	■	■			■				■	■	■	■	FACW	FACW	■	■	■	■					■	36"			■			■	■	■			0													
Zizania aquatica	wild rice					■	■			■			■					OBL	OBL			■	■			■			96"			■			■	■	■			36													
Dichanthelium dichotomum	cypress panicgrass	■		■				■	■						■	■		FAC	FAC		■		■	■		■			36"			■			■	■	■			0													
Dichanthelium scoparium	velvet panicum		■		■	■				■				■	■	■		FACW	FACW		■		■			■			48"		■				■	■	■			0													
FORBS																																																					
Acorus americanus	sweet flag		■			■	■				■		■	■				OBL	OBL			■	■			■			48"	■					■	■	■			0													
Acorus calamus	European calamus					■	■				■		■	■				OBL	OBL			■	■			■			60"			■			■	■	■			3													
Ageratina altissima	white snakeroot	■		■				■	■	■					■	■	■	FACU	FACU	■	■		■	■	■	■			60"			■								0						■	■	■	■					White flower
Alisma subcordatum	water plantain					■	■	■	■	■			■	■				OBL	OBL			■	■				■		6"			■		■	■	■				12					■	■	■						White flower, Food source for birds
Aruncus dioicus	goat's beard	■		■				■	■	■					■	■		FACU	FACU		■	■	■	■		■			72"			■		■	■	■				0					■	■	■						
Asarum canadense	Canadian wild ginger	■						■	■	■							■	UPL	FACU				■	■	■	■			6"		■									0				■	■	■							
Asclepias incarnata	swamp milkweed	■	■			■	■	■	■	■			■	■				OBL	OBL		■	■	■	■		■			60"			■		■	■	■				3					■	■							
Asclepias syriaca	common milkweed	■	■	■	■			■	■	■							■	---	FAC		■	■	■	■		■			78"			■								0						■	■	■						Purple flower
Asclepias tuberosa	butterfly milkweed	■						■	■	■							■	UPL	UPL		■	■	■	■		■			36"			■		■	■	■				0					■	■	■						May be toxic if ingested
Baptisia australis	false blue indigo	■		■				■	■							■	■	---	FACU	■	■	■	■	■		■			60"			■								0					■	■	■						Blue-purple flower
Caltha palustris	marsh marigold		■			■	■	■	■	■			■	■	■			OBL	OBL		■	■	■	■		■			24"			■			■	■	■			6				■	■	■							Yellow flower
Chelone glabra	turtle head					■	■	■	■	■					■	■		OBL	OBL			■	■	■		■			48"			■			■	■	■			2						■	■	■	■				White flower
Chelone obliqua	red turtlehead				■	■				■			■	■				OBL	OBL			■	■	■		■			36"			■								0						■	■	■					Pink flower
Chrysogonum virginianum	green-and-gold	■						■	■	■							■	UPL	UPL	■	■		■	■	■	■			12"			■								0				■	■	■	■						Yellow flower
Claytonia virginica	spring beauty	■		■				■	■	■					■	■	■	FACU	FAC		■	■	■	■		■			12"			■			■	■	■			0				■	■	■							White flower
Conoclinium coelestinum	blue mist flower	■	■	■	■			■	■	■					■	■	■	FAC	FAC	■	■	■	■	■	■	■			36"			■								0						■	■	■	■				Blue flower
Coreopsis lanceolata	lanceleaf tickseed	■									■						■	UPL	FACU	■	■		■	■	■	■			28"			■								0				■	■	■							Yellow flower
Coreopsis tripteris	tall coreopsos	■	■	■	■			■	■	■					■	■	■	FAC	FAC	■	■	■	■	■		■			120"			■								0					■	■	■						Yellow flower
Coreopsis verticillata	threadleaf coreopsis	■						■	■	■							■	UPL	UPL		■	■	■	■		■			42"			■			■	■	■			0					■	■	■	■					Yellow flower
Echinacea purpurea	purple cone flower	■							■								■	NI	NI	■	■	■	■	■		■			36"			■			■	■				0				■	■	■	■	■					Purple flower
Eupatorium perfoliatum	boneset	■	■		■	■	■	■	■	■			■	■	■			FACW	FACW		■	■	■	■		■			60"			■								0						■	■	■	■				White flower
Eutrochium fistulosum	Joe-pye weed	■	■		■	■	■	■	■	■				■	■	■		FACW	FACW	■	■	■	■	■		■			120"			■		■	■	■				0						■	■	■	■				Pink flower
Eutrochium maculatum	spotted joe pye weed		■		■	■	■	■	■	■				■	■	■		FACW	FACW	■	■		■	■		■			72"			■			■	■	■			0						■	■	■					Pink flower
Eutrochium purpureum	purple job-pye weed	■	■	■	■	■		■	■	■					■	■	■	FAC	FAC	■	■	■	■	■		■			78"			■								0						■	■	■	■				Pink flower

BOTANICAL NAME	COMMON NAME	BMP TYPE						REGION				HYDROLOGIC ZONE						WETLAND INDICATOR STATUS		MOISTURE			SUN/ SHADE			SALINITY			MAX HEIGHT	LEAF TYPE			Ph RANGE							INUNDATION (Inches)	BLOOM SEASON/ SEASONAL INTEREST												NOTABLE FALL FOLIAGE	NOTABLE CHARACTERISTICS
		SOIL COMPOST AMENDMENT	BIORETENTION FACILITIES	DRY SWALE	WET SWALE	CONSTRUCTED WETLAND	WET POND	MOUNTAIN	PIEDMONT	COASTAL	NON-NATIVE	SUBMERGED (1)	SHALLOW WATER (2)	REGULARLY INUNDATED (3)	PERIODICALLY INUNDATED (4)	INFREQUENTLY INUNDATED (5)	NEVER INUNDATED (6)	AGCP	EMP	DRY	MEDIUM	WET	FULL SUN	PART SUN	FULL SHADE (SH)	SENSITIVE	INTERMEDIATE	RESISTANT		EVERGREEN	SEMIEVERGREEN	DECIDUOUS	EXTREMELY ACID (BELOW 4.0)	STRONGLY ACID (4.1 TO 5.0)	MODERATELY ACID (5.1 TO 6.0)	SLIGHTLY ACID (6.1 TO 6.5)	NEUTRAL (6.6 TO 7.5)	ALKALINE (7.6 TO 8.5)	STRONGLY ALKALINE (8.6+)		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
Filipendula rubra	queen of the prairie				■	■		■					■					OBL	FACW						■	■			72"			■		■	■	■	■			0					■	■	■						Pink flower
Helenium autumnale	common sneezeweed				■	■	■	■	■	■				■	■	■		FACW	FACW		■		■	■	■	■			58"			■		■	■	■	■	■		0						■	■	■	■	■			Yellow Flower
Hemerocallis spp . Hybrid (excluding *H. fulva*)	daylily	■	■	■							■					■	■	NI	NI	■	■			■		■			24"			■					■	■		0				■	■	■	■	■	■				Flowers available in almost any color
Heuchera americana	American alumroot	■		■				■	■	■						■	■	FACU	FACU	■	■			■	■	■			40"		■				■	■	■	■		0				■		■	■	■					White flower
Iris virginica	Virginia blue flag iris		■			■	■		■	■			■	■	■			OBL	OBL			■	■	■		■			24"			■		■	■	■	■			6				■	■	■	■						Blue flower
Liatris spicata	blazing star	■	■	■	■				■	■						■	■	FAC	FAC	■	■	■	■	■		■			78"			■								0						■	■						Purple flower
Lobelia cardinalis	cardinal flower	■	■		■	■	■	■	■	■			■	■	■	■		FACW	FACW		■	■	■	■		■			48"			■			■	■	■			0						■	■	■	■	■			Red flowers
Lobelia siphilitica	great blue lobelia	■				■	■	■	■	■						■	■	OBL	FACW		■	■	■	■	■	■			70"			■								0							■	■	■	■			Blue flowers
Mertensia virginica	Virginia bluebells	■	■		■			■								■	■	FAC	FACW		■	■		■		■			30"			■		■	■	■	■			0			■	■	■	■							Blue flowers
Mimulus ringens	Allegheny monkeyflower				■	■	■						■	■				OBL	OBL			■	■	■					36"			■								0						■	■	■	■				Light Purple flower
Monarda bradburiana (fistulosa)	wild bergamot	■						■	■	■						■	■	FACU	UPL	■	■		■	■		■			60"			■				■	■			0						■	■	■	■				Pink flower
Monarda didyma	beebalm	■	■	■	■			■								■	■	FAC	FAC		■	■	■	■		■			60"			■								0						■	■	■	■				Red flowers
Monarda punctata	spotted beebalm	■							■	■								FACU	UPL	■	■		■	■		■			40"			■				■	■			0				■	■	■	■	■	■				Yellow/Pink flower
Nelumbo lutea	spatterdock					■	■	■	■	■		■	■					OBL	OBL			■	■	■		■			18"			■								36					■	■	■	■	■	■			Yellow flower
Nymphaea odorata	American water lily					■	■			■		■	■					OBL	OBL			■	■	■		■			48"			■								48					■	■	■	■	■				White flower
Pachysandra terminalis	pachysandra	■									■					■	■	NI	NI	■	■			■	■	■			6"	■					■	■	■			0													
Packera aurea	golden ragwort	■	■		■	■		■	■	■				■	■	■		FACW	FACW		■	■	■	■	■	■			30"			■		■	■	■				0			■	■	■	■	■	■					Yellow Flower
Peltandra virginica	arrow arrum					■	■	■	■	■			■	■	■			OBL	OBL			■	■	■		■			24"			■						■	■	12													
Penstemon digitalis	foxglove	■	■	■	■			■	■	■						■	■	FAC	FAC	■	■		■	■			■		60"			■			■	■				0						■	■	■					White flower
Phlox divaricata	wild sweet william	■		■				■	■	■						■	■	FACU	FACU		■		■	■	■	■			18"			■			■	■				0				■	■	■							Lavender flower
Phlox maculata	meadow phlox	■	■		■			■	■	■				■	■	■		FAC	FACW		■	■	■	■	■	■			36"			■								0					■	■	■	■	■				Pink flower
Phlox paniculata	summer phlox	■		■				■	■	■						■	■	FACU	FACU				■	■		■			54"			■								0						■	■	■	■	■			Pink flower
Phlox stolonifera	creeping phlox	■						■									■	UPL	UPL	■	■				■	■			18"			■								0				■	■	■							Violet flower
Phlox subulata	moss phlox	■						■	■								■	UPL	UPL	■	■		■			■			6"			■			■	■				0				■	■	■							Pink flower
Polygonatum biflorum	Solomon's seal	■		■				■	■	■						■	■	FACU	FACU	■	■			■	■	■			78"			■								0				■	■	■							White flower
Pontederia cordata	pickerel weed					■	■		■	■			■	■				OBL	OBL			■	■	■		■			42"			■				■	■	■		18					■	■	■	■	■	■			Purple flower
Pycnanthemum virginianum	Virginia mountainmint				■	■	■	■							■	■		FAC	FAC		■		■	■		■			24"			■								0						■	■	■					White flower
Rudbeckia fulgida	orange coneflower	■	■	■	■				■							■	■	FAC	FAC	■	■		■	■		■			42"			■								0						■	■	■	■	■			Yellow flower
Rudbeckia hirta	black-eyed Susan	■		■				■	■	■						■	■	FACU	FACU	■	■		■	■		■			42"			■				■				0						■	■	■	■	■			Yellow flower
Rudbeckia laciniata	cutleaf coneflower	■	■		■	■	■	■	■	■						■	■	FACW	FACW		■		■	■		■			120"			■		■	■					0						■	■	■					Yellow flower
Sagittaria latifolia	duck potato					■	■	■	■	■			■					OBL	OBL			■	■	■		■			48"			■		■	■		■		■	24						■	■	■					White flower
Saururus cernuus	lizard's tail					■	■	■	■	■			■					OBL	OBL			■	■	■		■			54"			■								12					■	■	■	■	■				White flower
Solidago rugosa	wrinkleleaf goldenrod	■		■				■	■	■					■	■		FAC	FAC			■	■	■		■			72"			■			■	■				0						■	■	■					Yellow flower
Sparganium americanum	American bur-reed					■	■	■	■	■			■	■				OBL	OBL			■	■	■		■			60"			■			■	■				6				■	■	■	■	■					Greenish flower
Sparganium eurycarpum	giant bur-reed					■	■			■			■	■				OBL	OBL			■	■	■		■			30"			■								6													
Symphyotrichum novae-angliae	New England aster	■			■	■	■	■	■							■	■	FACW	FACW		■	■	■	■		■			72"			■			■	■				0							■	■	■				Purple flower
Symphyotrichum novi-belgii	New York aster	■				■	■			■			■	■	■			OBL	FACW		■	■	■	■		■			54"			■								0							■	■	■	■			Violet flower
Symphyotrichum puniceum	purplestem aster					■	■	■	■				■	■				OBL	OBL			■	■	■		■			54"			■								0							■	■					Light Purple flower
Symphyotrichum undulatum	wavyleaf aster	■		■				■	■	■							■	UPL	UPL	■			■			■			60"			■								0							■	■	■	■			Light Purple flower
Tiarella cordifolia	foam flower	■	■	■	■			■	■						■	■	■	FAC	FAC		■		■	■	■	■			12"			■								0				■	■	■	■						White flower
Tradescantia virginiana	spiderwort	■		■				■	■	■							■	FAC	FACU		■		■	■	■	■			36"			■		■	■		■			0				■	■	■							Blue flower
Verbena hastata	blue vervain	■	■		■			■	■						■	■		FAC	FACW		■	■	■	■		■			60"			■								0						■	■	■	■	■			Purple flower
Vernonia noveboracensis	New York ironweed	■	■		■	■	■	■	■	■						■	■	FACW	FACW		■	■	■	■		■			72"			■		■	■	■	■	■		0						■	■	■	■				Purple flower
Veronicastrum virginicum	Culver's root	■	■	■	■			■	■					■		■	■	FACW	FACU		■	■	■	■		■			72"			■								0						■	■	■					White/Pink flower
Zizia aurea	golden zizia	■	■		■	■		■	■							■	■	FAC	FAC	■	■		■	■		■			30"			■								0				■	■	■	■	■					Yellow Flower
SHRUBS																																																					
Alnus serrulata	tag alder	■	■		■	■		■	■	■			■	■		■		FACW	OBL		■	■	■			■			20'			■		■	■					3			■	■									
Baccharis halimifolia	eastern false-willow	■	■		■					■					■	■		FAC	FACW			■	■	■				■	12'		■			■	■	■	■			0								■	■				
Buxus sempervirens	boxwood	■									■				■		■	NI	NI	■	■		■	■		■			15'	■				■	■	■	■			0													Deer and rabbit resistant
Callicarpa americana	American beautyberry	■		■						■					■	■		FACU	FACU		■		■	■		■			6'			■		■	■	■				0								■	■				Magenta Berries in fall
Calycanthus floridus	Common Sweetshrub	■		■				■	■	■					■	■		FACU	FACU		■		■	■	■	■			12'			■		■	■	■				0				■									Very resistant to disease and insect problems
Ceanothus americanus	New Jersey tea	■						■	■	■						■	■	UPL	UPL	■	■		■	■		■			3'			■		■	■	■				0						■	■						
Cephalanthus occidentalis	buttonbush	■	■		■	■		■	■	■			■	■	■			OBL	OBL			■	■	■			■			12'			■		■	■	■	■	■	■	12													
Clethra alnifolia	sweet pepperbush	■	■		■	■				■						■	■	FACW	FAC				■	■		■			12'			■		■	■	■				0						■	■						
Cornus amomum	silky dogwood	■	■		■	■		■	■	■						■	■	FACW	FACW			■	■	■		■			12'			■			■					0					■	■							
Cornus stolonifera	Redosier dogwood	■	■		■	■					■					■	■	FACW	FACW			■	■	■		■			12'			■				■				0					■	■							
Corylus americana	American hazelnut	■		■				■	■	■						■	■	FACU	FACU	■			■	■		■			15'			■				■				0			■	■									
Corylus cornuta	beaked hazelnut	■		■				■	■							■	■	FACU	FACU	■	■		■	■		■			12'			■				■				0			■	■									
Fothergilla gardenii	Dwarf fotherfilla	■	■		■	■					■			■		■	■	FACW	FACW			■	■	■		■			3'			■			■					0				■	■								
Fothergilla major	Large fothergilla	■									■						■	UPL	UPL	■	■		■	■		■			10'			■			■					0				■	■								
Gaylussacia baccata	black huckleberry	■		■				■	■	■						■	■	FACU	FACU	■	■	■		■	■	■			3'			■		■	■					0					■	■							
Hamamelis virginiana	witch hazel	■		■				■	■	■						■	■	FACU	FACU	■	■			■	■	■			20'			■		■	■					0								■	■	■	■		
Hibiscus moscheutos	swamp rose-mallow					■		■	■	■			■	■				OBL	OBL		■	■	■				■		6'			■	■	■	■	■				6						■	■	■					
Hydrangea arborescens	smooth hydrangea	■						■	■	■						■	■	UPL	FACU		■	■	■	■	■	■			6'			■		■	■	■				0					■	■	■						
Hydrangea macrophylla	bigleaf hydrangea	■									■						■	NI	NI		■		■	■		■			6'			■		■	■	■				0													
Hypericum densiflorum	dense St. Johnswort	■	■		■	■		■	■					■	■	■		FACW	FACW	■	■	■	■			■			6'			■		■	■	■				0						■	■	■					
Hypericum prolificum	shrubby St. Johnswort	■		■				■	■	■						■	■	FAC	FACU	■	■	■	■			■			3'			■		■	■	■				0					■	■	■						
Ilex cornuta 'Carissa'	Carissa Chinese holly	■									■						■	NI	NI	■	■		■	■		■			4'	■				■	■	■	■			0													
Ilex crenata 'Helleri'	Helleri Japanese holly	■									■						■	NI	NI	■	■		■	■		■			5'	■				■	■	■	■			0													
Ilex glabra	inkberry	■	■			■				■				■	■	■	■	FACW	FAC		■	■	■	■			■		10'	■				■	■	■	■			0	■	■	■					■	■	■	■		Berries persist through winter
Ilex verticillata	winterberry	■	■		■	■	■	■	■	■						■	■	FACW	FACW		■	■	■	■		■			12'			■		■	■	■				3	■	■						■	■	■	■		
Ilex vomitoria 'Nana'	dwarf yaupon holly	■	■	■	■					■					■	■	■	FAC	FAC								■		5'	■				■	■	■				0													
Ilex x 'Nellie R Stevens'	Nellie Stevens Holly	■								■	■						■	NI	NI	■	■		■	■		■			25'	■				■	■	■				0													
Itea virginica	virginia sweetspire	■	■			■			■	■					■	■		FACW	OBL		■	■	■	■		■			10'			■			■	■				6					■	■							
Iva frutescens	jesuit's bark	■	■		■	■				■				■	■	■		FACW	FACW	■	■		■	■			■	■	10'			■		■	■					0							■	■	■				
Juniperus communis	common juniper	■		■				■	■						■	■	■	FACU	FACU	■			■				■		10'	■				■	■	■	■	■		0													

BOTANICAL NAME	COMMON NAME	BMP TYPE						REGION				HYDROLOGIC ZONE						WETLAND INDICATOR STATUS		MOISTURE			SUN/ SHADE			SALINITY			MAX HEIGHT	LEAF TYPE			Ph RANGE							INUNDATION (Inches)	BLOOM SEASON/ SEASONAL INTEREST												NOTABLE FALL FOLIAGE	NOTABLE CHARACTERISTICS
		SOIL COMPOST AMENDMENT	BIORETENTION FACILITIES	DRY SWALE	WET SWALE	CONSTRUCTED WETLAND	WET POND	MOUNTAIN	PIEDMONT	COASTAL	NON-NATIVE	SUBMERGED (1)	SHALLOW WATER (2)	REGULARLY INUNDATED (3)	PERIODICALLY INUNDATED (4)	INFREQUENTLY INUNDATED (5)	NEVER INUNDATED (6)	AGCP	EMP	DRY	MEDIUM	WET	FULL SUN	PART SUN	FULL SHADE (SH)	SENSITIVE	INTERMEDIATE	RESISTANT		EVERGREEN	SEMIEVERGREEN	DECIDUOUS	EXTREMELY ACID (BELOW 4.0)	STRONGLY ACID (4.1 TO 5.0)	MODERATELY ACID (5.1 TO 6.0)	SLIGHTLY ACID (6.1 TO 6.5)	NEUTRAL (6.6 TO 7.5)	ALKALINE (7.6 TO 8.5)	STRONGLY ALKALINE (8.6+)		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
Kalmia angustifolia	sheep laurel																	FAC	FAC										3'											0													
Kalmia latifolia	mountain laurel																	FACU	FACU										20'											0													
Leucothoe axillaris	coastal doghobble																	FACW	FACW										5'											0													
Leucothoe fontanesia	highland doghobble																	FACW	FACW										5'											0													
Lindera benzoin	spicebush																	FACW	FAC										15'											0													Red berries
Lyonia ligustrina	maleberry																	FACW	FACW										10'											0													
Morella cerifera	wax myrtle																	FAC	FAC										15'											0													Bluish-white fragrant berries
Photinia melanocarpa	black chokeberry																	FAC	FAC										6'											0													
Photinia pyrifolia	red chokeberry																	FACW	FACW										12'											0													
Physocarpus opulifolius	common ninebark																	FAC	FACW										12'											0													
Pieris floribunda	mountain pieris																	UPL	UPL										6'											0													
Rhododendron atlanticum	dwarf azalea																	FAC	FAC										3'											0													
Rhododendron calendulaceum	flame azalea																	UPL	UPL										12'											0													
Rhododendron catawbiense	catawba rhododendron																	FACU	FACU										10'											0													
Rhododendron maximum	rosebay rhododendron																	FAC	FAC										15'											0													
Rhododendron periclymenoides	pinxterbloom azalea																	FAC	FAC										10'											0													Pinkish white flowers
Rhododendron prinophyllum	early azalea																	FAC	FAC										8'											0													Pink flowers
Rhododendron viscosum	swamp azalea																	OBL	FACW										8'											0													White flowers
Rhus aromatica	fragrant sumac																	UPL	UPL										6'											0													Dark red berries
Rosa carolina	pasture rose																	FACU	FACU										3'											0													Pale pink flowers
Rosa palustris	swamp rose																	OBL	OBL										8'											3													Pink flowers
Sambucus nigra	elderberry																	FACW	FAC										8'											0													White flowers
Symphoricarpos orbiculatus	coralberry																	FACU	FACU										4'											0													Redish purple berries
Vaccinium angustifolium	lowbush blueberry																	FACU	FACU										2'											0													Greenish white flowers
Vaccinium corymbosum	highbush blueberry																	FACW	FACW										12'											0													White flowers
Vaccinium fuscatum	black highbush blueberry																	FACW	FAC										10'											0													
Viburnum acerifolium	mapleleaf viburnum																	FACU	UPL										6'											0													White flowers
Viburnum dentatum	arrowwood viburnum																	FAC	FAC										15'											0													White flowers
Viburnum carlesii	Korean spice viburnum																	NI	NI										6'											0													
Viburnum nudum	possumhaw																	FACW	OBL										12'											0													White flowers
Viburnum plicatum	Japanese snowball																	NI	NI										15'											0													White flowers
Viburnum prunifolium	blackhaw																	FACU	FACU										20'											0													White flowers
Viburnum × rhytidophylloides 'Willowwood'	lantanaphyllum viburnum																	NI	NI										12'											0													White flowers
Xanthorhiza simplicissima	yellow root																	FACW	FACW										3'											0													Purple flowers
UNDERSTORY TREES																																																						
Acer pensylvanicum	striped maple																	FACU	FACU										35'											0													Striped bark winter interest
Amelanchier arborea	downy serviceberry																	FACU	FAC										25'											0													White flowers
Amelanchier canadensis	serviceberry																	FAC	FAC										50'											0													White flowers
Amelanchier laevis	smooth serviceberry																	UPL	UPL										25'											0													
Asimina triloba	pawpaw																	FAC	FAC										35'											0													
Carpinus caroliniana	American hornbeam																	FAC	FAC										40											0													
Cercis canadensis	redbud																	UPL	FACU										35'											0													
Chionanthus virginicus	white fringetree																	FACU	FAC										35'											0													
Cornus alternifolia	alternate leaf dogwood																	FAC	FAC										25'											0													
Cornus florida	flowering dogwood																	FACU	FACU										50'											0													
Corylus americana	American hazelnut																	FACU	FACU										12'											0													Yellow catkins in winter, fall color yellow to red
Crataegus crus-galli	cockspur hawthorn																	FAC	FACU										35'											0													
Crataegus viridis	green hawthorn																	FACW	FACW										30'											0													White flowers, red fruit
Diospyros virginiana	common persimmon																	FAC	FAC										75'											0													
Ilex opaca	American holly																	FAC	FACU										50'											0													Red fruit
Juniperus virginiana	eastern red cedar																	FACU	FACU										75'											0													
Koelreuteria paniculata	Goldenrain tree																	NI	NI										45'											0													Yellow flower
Magnolia x soulangeana	saucer magnolia																	NI	NI										25'											0													
Magnolia tripetala	umbrella magnolia																	FACU	FACU										45'											0													Creamy white flower
Magnolia virginica	sweetbay magnolia																	FACW	FACW										30'											0													White flower
Morus rubra	red mulberry																	FACU	FACU										60'											0													Greenish flower
Nyssa sylvatica	black gum																	FAC	FAC										75'											0													
Ostrya virginiana	eastern hop hornbeam																	FACU	FACU										50'											0													
Oxydendrum arboreum	sourwood																	FACU	UPL										50'											0													White flower
Pinus virginiana	Virginia pine																	UPL	UPL										40'											0													
Prunus americana	American plum																	UPL	FACU										35'											0													White flower
Prunus serotina	black cherry																	FACU	FACU										75'											0													White flower
Prunus x yedoensis	Yoshino cherry																	NI	NI										40'											0													
Prunus virginiana	chokecherry																	FACU	FACU										50'											0													White flower
Rhus copallinum	winged sumac																	UPL	FACU										35'											0													Greenish flower
Rhus glabra	smooth sumac																	UPL	UPL										20'											0													Yellowish-green flower
Salix nigra	black willow																	OBL	OBL										50'											6													
Sassafras albidum	sassafras																	FACU	FACU										50											0													
Sorbus americana	American mountain ash																	FACU	FACU										40'											0													White flowers
CANOPY TREES																																																						
Acer negundo	boxelder																	FAC	FAC										70'											0													
Acer rubrum	red maple																	FAC	FAC										60'											0													Red flower, orange-red fall color
Acer saccharum	sugar maple																	FACU	FACU										100'											0													Orange fall color
Betula alleghaniensis	yellow birch																	FACU	FAC										75'											0													exfoliating bark
Betula lenta	sweet birch																	FACU	FACU										60'											0													exfoliating bark
Betula nigra	river birch																	FACW	FACW										70'											0													exfoliating bark

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		SOIL COMPOST AMENDMENT	BIORETENTION FACILITIES	DRY SWALE	WET SWALE	CONSTRUCTED WETLAND	WET POND	MOUNTAIN	PIEDMONT	COASTAL	NON-NATIVE	SUBMERGED (1)	SHALLOW WATER (2)	REGULARLY INUNDATED (3)	PERIODICALLY INUNDATED (4)	INFREQUENTLY INUNDATED (5)	NEVER INUNDATED (6)	AGCP	EMP	DRY	MEDIUM	WET	FULL SUN	PART SUN	FULL SHADE (SH)	SENSITIVE	INTERMEDIATE	RESISTANT		EVERGREEN	SEMIEVERGREEN	DECIDUOUS	EXTREMELY ACID (BELOW 4.0)	STRONGLY ACID (4.1 TO 5.0)	MODERATELY ACID (5.1 TO 6.0)	SLIGHTLY ACID (6.1 TO 6.5)	NEUTRAL (6.6 TO 7.5)	ALKALINE (7.6 TO 8.5)	STRONGLY ALKALINE (8.6+)		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
Carya alba	mockernut hickory																	UPL	UPL										85'											0													exfoliating bark
Carya cordiformis	bitternut hickory																	FAC	FACU										75'											0													exfoliating bark
Carya glabra	pignut hickory																	FACU	FACU										80'											0													exfoliating bark
Carya ovata	shagbark hickory																	FACU	FACU										75'											0													exfoliating bark
Celtis laevigata	sugarberry																	FACW	FACW										70'											0													Green flower
Celtis occidentalis	common hackberry																	FACU	FACU										80'											0													
Fagus grandifolia	American beech																	FACU	FACU										120'											0													Winter leaf retention, light orange
Ginkgo biloba	maidenhair tree																	NI	NI										80'											0													
Liquidambar styraciflua	sweetgum																	FAC	FAC										130'											0													Fall color, purple to red
Liriodendron tulipifera	tulip tree																	FACU	FACU										150'											0													Fall color, yellow
Magnolia acuminata	cucumber magnolia																	---	FACU										100'											0													Greenish-yellow flower
Magnolia grandiflora	southern magnolia																	FAC	FACU										100'											0													White flower
Nyssa aquatica	water tupelo																	OBL	OBL										100'											12													
Pinus echinata	shortleaf pine																	UPL	UPL										100'											0													
Pinus strobus	white pine																	FACU	FACU										150'											0													
Pinus taeda	loblolly pine																	FAC	FAC										100'											0													
Platanus occidentalis	sycamore																	FACW	FACW										100'											0													White patterned bark
Populus deltoides	eastern cottonwood																	FAC	FAC										100'											6													Fall color, yellow
Quercus alba	white oak																	FACU	FACU										100'											0													
Quercus bicolor	swamp white oak																	FACW	FACW										100'											0													
Quercus coccinea	scarlet oak																	UPL	UPL										75'											0													
Quercus falcata	southern red oak																	FACU	FACU										75'											0													
Quercus imbricaria	shigle oak																	FAC	FAC										80'											0													
Quercus laurifolia	laurel oak																	FACW	FACW										70'											0													
Quercus lyrata	overcup oak																	OBL	OBL										100'											12													
Quercus michauxii	swamp chestnut oak																	FACW	FACW										100'											0													
Quercus muehlenbergii	chinquapin oak																	UPL	UPL										70'											0													
Quercus nigra	water oak																	FAC	FAC										100'											0													
Quercus palustris	pin oak																	FACW	FACW										70'											0													
Quercus phellos	willow oak																	FACW	FAC										100'											0													
Quercus rubra	northern red oak																	FACU	FACU										100'											0													
Quercus shumardii	Shumard's oak																	FAC	FAC										80'											0													
Quercus velutina	black oak																	UPL	UPL										60'											0													
Quercus virginiana	live oak																	FACU	FACU										80'											0													
Quesrcus prinus	chesnut oak																	UPL	UPL										75'											0													
Robinia pseudoacacia	black locust																	UPL	FACU										70'											0													White flowers, pendulous
Taxodium distichum	bald cypress																	OBL	OBL										100'											12													Fall color, orange
Thuja occidentalis	arborvitae, white cedar																	UPL	FACW										60'											0													
Tilia americana	American basswood																	FACU	FACU										80'											0													
Tsuga canadensis	Canadian hemlock																	FACU	FACU										65'											0													
Ulmus americana	American elm																	FAC	FACW										80'											0													
Zelkova serrata	Japanese zelkova																	NI	NI										90'											0													

BOTANICAL NAME	COMMON NAME	BMP TYPE						REGION				HYDROLOGIC ZONE						WETLAND INDICATOR STATUS		MOISTURE			SUN/ SHADE			SALINITY			MAX HEIGHT	LEAF TYPE			Ph RANGE							INUNDATION (Inches)	BLOOM SEASON/ SEASONAL INTEREST												NOTABLE FALL FOLIAGE	NOTABLE CHARACTERISTICS
		SOIL COMPOST AMENDMENT	BIORETENTION FACILITIES	DRY SWALE	WET SWALE	CONSTRUCTED WETLAND	WET POND	MOUNTAIN	PIEDMONT	COASTAL	NON-NATIVE	SUBMERGED (1)	SHALLOW WATER (2)	REGULARLY INUNDATED (3)	PERIODICALLY INUNDATED (4)	INFREQUENTLY INUNDATED (5)	NEVER INUNDATED (6)	AGCP	EMP	DRY	MEDIUM	WET	FULL SUN	PART SUN	FULL SHADE (SH)	SENSITIVE	INTERMEDIATE	RESISTANT		EVERGREEN	SEMIEVERGREEN	DECIDUOUS	EXTREMELY ACID (BELOW 4.0)	STRONGLY ACID (4.1 TO 5.0)	MODERATELY ACID (5.1 TO 6.0)	SLIGHTLY ACID (6.1 TO 6.5)	NEUTRAL (6.6 TO 7.5)	ALKALINE (7.6 TO 8.5)	STRONGLY ALKALINE (8.6+)		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
SPECIES TO AVOID																																																					
Acer platanoides	Norway maple																																																					
Berberis thunbergii	Japanese barberry																																																					
Coronilla varia	crown-vetch																																																					
Elaeagnus angustifolia	Russian olive																																																					
Eragrostis curvula	weeping lovegrass																																																					
Fraxinus pennsylvanica	green ash																																																					
Hedera helix	English ivy																																																					
Hemerocallis fulva	tiger-lily																																																					
Iris pseudacorus	yellow flag iris																																																					
Lespedeza cuneata	Chinese lespedeza																																																					
Lonicera japonica	Japanese honeysuckle																																																					
Lythrum salicaria	purple loosestrife																																																					
Miscanthus sinensis	silver grass																																																					
Phalaris arundinacea	reed canary grass																																																					
Phragmites australis	common reed																																																					
Rosa multiflora	multiflora rose																																																					
Sorghum halepense	johnson-grass																																																					
Spiraea japonica	Japanese spiraea																																																					
Typha latifolia	broadleaf cattail																																																					
Ulmus pumila	Siberian elm																																																					
Vinca minor	periwinkle																																																					
Wisteria floribunda	Japanese wisteria																																																					
Wisteria sinensis	Chinese wisteria																																																					