Wet Ponds

Latin Name Grasses/Sedges	Common Name	Submerged & Emergent (water depth in.)	Pond Edge & Permanent Water	Over sand	Lower slopes & bioretention base	Upper slopes	Zone	Height (feet)	Spacing (feet)	Seasonal Interest - Color and Months	J	F	M	A	M	J	J	A	S	O	N	D	Sun	Pt Sun	Pt Shade	Shade	Dry	Medium	Wet	Birds	Butterflies	Fall Color	Winter interest	Flood frequency tolerance	Flood height tolerance	Flood duration tolerance (days)	Salt tolerance	Aggressiveness	Silt tolerance
Carex annectans	Yellow fruited sedge		x		x			2-3	1.5	tan				x	x	x							x	x	x			x	x	x			x	H	12	3		L		
Carex grayii	Bur sedge		x		x			1-2	1.5	tan				x	x	x								x	x	x			x	x	x				M	12	2		L	M	
Carex crinita	Fringed sedge		x		x			2-3	1.5	brown					x	x							x	x	x			x	x	x				H	12	3	U	L		
Carex muskingumensis	Palm sedge		x	x	x		4-9	2-3	1.5	tan				x	x	x	x	x					x	x	x	x		x	x	x			x	H	24	3		M	M	
Carex vulpinoidea	Fox sedge		x		x		3-7	2-3	1.5	tan					x	x	x						x	x	x			x	x				x	H	24	3	L	L		
Juncus effusus	Soft rush	0-1	x				4-9	2-3	1.5	green									x	x	x	x	x	x				x	x	x			x	H	24	4	L	M	M	
Scirpus atrovirens	Great green bullrush		x	x	x			2-3	1.5	green				x	x	x							x	x				x	x	x			x	M	12	3		L		
Scirpus cyperinus*	Wool grass		x					3-4	1.5	orange					x	x	x	x	x	x	x	x	x	x					x	x		x	x	H	24	3		M		
Forbs																																									
Asclepias incarnata	Marsh milkweed		x		x		3-6	2-4	1.5	pink							x	x	x	x			x	x				x	x		x			M	18	3	M	M	M	
Chelone obliqua	Rose turtlehead		x		x		3-9	3-4	2	rose/purple								x	x	x			x	x	x	x		x	x					M	12	1		M		
Equisetum hyemale	Horsetail		x	x	x		4-9	2-4	2.5	green				x	x					x	x		x	x	x			x	x			x	x	H	36	5		H	H	
Helenium autumnale	Sneezeweed		x		x		3-8	3-4	2	yellow							x	x	x	x			x	x	x			x	x	x	x			M	18	3	M	M		
Hibiscus lasiocarpos	Rose mallow		x	x	x		5-9	3-7	2.5	white/pink							x	x	x	x			x	x	x			x	x		x	x		H	36	5		M	M	
Iris fulva	Copper iris		x	x	x		5-9	2-3	1.5	copper					x	x							x	x				x	x	x				M	12	1		M		
Iris virginica	Blueflag		x		x		3-9	2-3	2	blue						x	x						x	x				x	x			x		M	12	4	L	M	M	
Lobelia cardinalis	Cardinal flower		x	x	x		3-9	2-3	1.5	red							x	x	x				x	x	x	x		x	x	x	x			H	18	5	L	M	U	
Mimulus ringens*	Allegehny monkey flower		x	x	x		3-8	1-2	1.5	lavender							x	x	x				x	x				x	x					M	24	1		M		
Nymphaea odorata	Fragrant water lily	1-5						1	10	white							x	x	x				x						x					H	36			H		
Pontedaria cordata	Pickeral weed	0-1	x				3-10	1-2	2.5	blue						x	x	x	x	x			x	x	x				x					M	12	4	L	L	U	
Sagittaria latifolia	Arrowleaf	0-1	x				5-10	1-4	2.5	white							x	x	x				x						x	x				M	18	3	M	M	L	
Saururus cernuus	Lizard tail	0-1	x				3-9	1-2	2.5	white						x	x	x	x				x	x	x	x			x					H	24			H		
Thalia dealbata	Wild canna	0-2	x					4-7	5	purple							x	x	x				x						x					H	24			M	H	
Trees/Shrubs																																								
Aesculus pavia	Red buckeye		x		x			10-20	15	red			x	x										x	x	x			x	x	x				H	18	2		L	M	
Cephalanthus occidentalis	Buttonbush	x	x		x			5-10	7.5	white						x	x	x					x	x	x			x	x		x			H	36	7		M	H	
Quercus macrocarpa	Bur oak		x		x	x		40-60	35	green										x	x		x	x	x			x	x				x	H	36	5	H	L	H	
Taxodium disticum	Bald cypress	x	x	x	x			40-60	20	orange										x	x		x	x	x			x	x			x	x	H	36	7		L	H	
Requirements																																								
Local Ecotype Rule: Plants of Missouri or Southern Illinois ecotype are required.																																								
Must use a minimum of 5 grass/sedge species and 8 forb species for each BMP. It is recommeded that this list be provided to landscape contractors/buyers in case substitutions are required.																																								
Each species must consist of between 5% - 15% of the total plant count for each BMP.																																								
Refer to Planting, Water, and Mulch Requirements for Stormwater BMP's for plant sizes and irrigation requirements																																								
Biodegradable erosion blanket must be used on slopes greater than 10%.																																								
Erosion blankets must be coarse to allow varying leaf sizes (examples include Geojute, Curlex #1 and NorthAmerican Green S75 single net straw blanket, or equivelant)																																								
*Experimental for practice and/or limited availability in commercial trade																																								