

Appendix D

Stormwater Control Measures (SCMs) Landscaping and Plant Lists

D.1 Plant List Categorized by Plant Type

- Canopy
- Understory
- Shrubs
- Vines
- Herbaceous Perennials
- Grasses and Sedges
- Ground Cover
- Ferns

D.1 Plant List Categorized by Plant Type

Canopy: Largest trees 50-100' or more

Understory: Small trees or large shrubs 15-50'

Shrub: Woody stems from a few inches to 15 feet

Herbaceous: A plant that has leaves and stems that die down at the end of the growing season to the soil level. Herbaceous can be grasses, ferns, and wildflower. It can also be annual, perennial, and biennial.

Regional Distribution (RD)

E = East Tennessee	UM = Unaka Mountain	V = Valley
W = West Tennessee	WR = Western Highland Rim	R = Ridge
CP = Cumberland Plateau	CB = Central Basin	

Width

Plant or crown spread

Light

F = full sunlight	P = partial shade	S = shade
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Moisture

H = hydric, wet, plants periodically or often inundated by water	S = sub-xeric, moist to dry, seasonally moist, periodically dry
M = mesic, moist, adequate soil moisture retention year-round	X = xeric, dry & drought resistant, little moisture retention, excessively drained

Soil pH

A = acidic (slightly acidic to strongly acidic)	B = basic (tolerate alkaline)
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Common Name	Scientific Name	RD	Height	Width	Light			Moisture				Soil pH		SOURCE
					F	P	S	H	M	S	X	B	A	
CANOPY														
Red maple	<i>Acer rubrum</i>	All	50'-75'	50'-75'	<	<		<	<	<			<	1
Sugar Maple	<i>Acer saccharum</i>	All	70'-100'	70'-100'	<	<	<	<	<				<	1
Sweet Birch	<i>Betula lenta</i>	E	up to 60'		<	<		<	<				<	1
River Birch	<i>Betula nigra</i>	E	40'-70'		<	<	<	<					<	1
Pecan	<i>Carya illinoensis</i>	W	up to 120'		<	<		<	<					1
Pignut, Shagbark, Mockernut Hickory	<i>Carya glabra, C. ovata, C. tomentosa</i>	All	50'-80'	25'-40'	<	<		<	<	<			<	1
Bitternut Hickory	<i>Carya cordiformis</i>	All	50'-80'	25'-40'	<			<					<	1
American Chestnut	<i>Castanea dentata</i>	All	up to 100'			<	<	<	<					4
Northern catalpa	<i>Catalpa speciosa</i>	W	up to 60'		<	<	<	<	<					4
Hackberry	<i>Celtis occidentalis</i>	All	60'-80'	60'-80'	<	<		<						1
Sugarberry	<i>Celtis laevigata</i>	All	up to 80'		<	<		<						2
Yellowwood	<i>Cladrastis kentuckea</i>	All	40'-60'	40'-60'	<			<						4
Persimmon	<i>Diospyros virginiana</i>	All	35'-60'	25'-40'	<	<		<	<				<	4
American Beech	<i>Fagus grandifolia</i>	All	>85'	2/3H		<	<	<	<				<	1
White Ash	<i>Fraxinus americana</i>	All	up to 85'	up to 60'	<	<		<					<	1
Green Ash	<i>Fraxinus pennsylvanica</i>	All	up to 60'	up to 30'	<	<	<	<	<					4
Blue ash	<i>Fraxinus quadrangulata</i>	E,M	up to 70'		<	<	<	<	<					4
Kentucky Coffeetree	<i>Gymnocladus dioicus</i>	M	60'-85'	60'-85'	<	<	<	<	<			<	<	1
American Holly	<i>Ilex opaca</i>	E, W	20'-40'			<	<	<	<	<			<	1
Black Walnut	<i>Juglans nigra</i>	E, M	up to 85'	up to 85'	<	<		<	<			<		1
Red Cedar	<i>Juniperus virginiana</i>	All	40'-50'		<	<			<	<	<			1
Sweetgum	<i>Liquidambar styraciflua</i>	All	60'-85'		<	<	<	<	<	<			<	1
Tulip Poplar	<i>Liriodendron tulipifera</i>	All	70'-90'		<	<		<	<				<	1
Cucumbertree	<i>Magnolia acuminata</i>	E,M	50'-80'	50'-80'	<	<		<	<				<	1
Southern Magnolia	<i>Magnolia grandiflora</i>	E,M	60'-80'	30'-40'	<	<		<						1
Blackgum	<i>Nyssa sylvatica</i>	All	30'-60'	20'-40'	<	<	<	<	<	<			<	4
Water Tupelo	<i>Nyssa aquatica</i>	W	up to 100'		<		<							4
Shortleaf/ Yellow Pine	<i>Pinus echinata</i>	E,M	50'-75'		<	<	<	<	<					1
Pitch Pine	<i>Pinus rigida</i>	NE	45'-65'					<	<				<	4
White Pine	<i>Pinus strobus</i>	E	50'-85'	40'-55'	<			<	<				<	4
Sycamore	<i>Platanus occidentalis</i>	All	75'-100'		<	<	<	<				<		1
Eastern Cottonwood	<i>Populus deltoides</i>	All	80'-100'	40'-60'	<	<	<	<						1
Black Cherry	<i>Prunus serotina</i>	All	50'-75'		<	<		<	<				<	1
White, Scarlet oak	<i>Quercus alba, Q. coccinea</i>	All	60'-85'		<	<		<	<	<				1,4
Southern Red / Spanish Oak	<i>Quercus falcata</i>	W	70'-80'		<				<	<			<	4
Shingle / Laurel Oak	<i>Quercus imbricaria</i>	M	35'-55'	35'-55'	<	<		<	<				<	1
Overcup Oak	<i>Quercus lyrata</i>	M,W	35'-60'		<		<	<	<					1
Bur Oak	<i>Quercus macrocarpa</i>	M,W	70'-85'		<				<	<	<			1
Chestnut Oak	<i>Quercus montana</i>	E,W	55'-70'	55'-70'	<	<		<	<	<				1
Chinkapin Oak	<i>Quercus muhlenbergii</i>	All	40'-50'		<	<		<	<	<	<			1
Pin / Swamp Oak	<i>Quercus palustris</i>	W,M	50'-75'		<		<	<	<				<	4
Cherrybark oak	<i>Quercus pagoda</i>	W	up to 120'		<	<	<	<						1
Willow Oak	<i>Quercus phellos</i>	All	50'-70'	50'-70'	<	<		<	<					1
Northern Red Oak	<i>Quercus rubra</i>	All	60'-85'	60'-85'	<	<		<	<					4
Shumard Oak	<i>Quercus shumardii</i>	All	50'-80'		<	<		<	<	<			<	4
Black Oak	<i>Quercus velutina</i>	All	50'-75'	35'-50'	<	<		<	<	<			<	4
Black Locust	<i>Robinia pseudoacacia</i>	All	40'-70'		<			<	<	<	<	<	<	4
Black willow	<i>Salix nigra</i>	All	up to 100'		<	<	<					<		1
Sassafras	<i>Sassafras albidum</i>	All	30'-60'	20'-40'	<	<		<	<	<			<	1,4
Bald Cypress	<i>Taxodium distichum</i>	W	40'-100'		<	<	<	<					<	1
American Basswood	<i>Tilia americana</i>	All	up to 100'		<	<		<	<			<		1
White Basswood	<i>Tilia heterophylla</i>	E,M	60'-80'	40'-50'	<	<		<						1
Canadian Hemlock	<i>Tsuga canadensis</i>	E	40'-70'	20'-35'	<	<		<	<					4
Winged Elm	<i>Ulmus alata</i>	All	up to 65'			<		<	<				<	2
American/ White Elm	<i>Ulmus americana</i>	All	up to 80'		<	<		<	<			<		4
Slippery Elm	<i>Ulmus rubra</i>	All	up to 65'		<	<		<				<		

Common Name	Scientific Name	RD	Height	Width	Light			Moisture				Soil pH		SOURCE	
					F	P	S	H	M	S	X	B	A		
UNDERSTORY															
Striped Maple	<i>Acer pensylvanicum</i>		20'-30'			<			<						4
Yellow, Ohio buckeye	<i>Aesculus flava, A. glabra</i>	E,M	30'-50'			<	<		<	<			<		1
Serviceberry	<i>Amelanchier arborea, A. laevis</i>	E	15'-25'			<	<	<		<	<		<		1
Hercules Club	<i>Aralia spinosa</i>	All	10'-20'			<	<			<	<		<		1,4
Pawpaw	<i>Asimina triloba</i>	All	15'-20'			<	<			<			<		1,4
Ironwood	<i>Carpinus caroliniana</i>	All	25'-40'	25'-40'		<	<	<	<				<		1,4
Redbud	<i>Cercis canadensis</i>	All	20'-30'			<	<			<	<	<	<		1
Fringe tree	<i>Chionanthus virginicus</i>	E,M	12'-20'			<	<			<	<		<		1
Alternate leaf / Pagoda Dogwood	<i>Cornus alternifolia</i>	E,M	15'-25'				<	<		<	<		<		1
Roughleaf Dogwood	<i>Cornus drummondii</i>	M,W	up to 25'			<	<			<	<	<			1
Flowering Dogwood	<i>Cornus florida</i>	All	20'-30'	20'-30'		<	<			<	<		<		1
Washington Hawthorn	<i>Crataegus phaenopyrum</i>	M	20'-30'	13'-20'		<	<			<	<	<			4
Cockspur Hawthorn	<i>Crataegus crus-galli</i>	All	20'-30'	13'-20'		<	<			<	<	<			4
Parsley Hawthorn	<i>Crataegus marshalii</i>	W	20'-30'	13'-20'		<	<			<	<	<			4
Green Hawthorn	<i>Crataegus viridis</i>	W	20'-30'	13'-20'		<	<			<	<	<			4
Common Persimmon	<i>Diospyros virginiana</i>	All	35'-60'	25'-40'		<	<			<	<				
Wahoo	<i>Euonymus atropurpureus</i>	All	20'			<	<			<	<		<		1
Carolina Silverbell	<i>Halesia tetraptera</i>	E	30'				<	<		<	<		<		1
Witch-hazel	<i>Hamamelis virginiana</i>	E,M	20'-30'				<	<		<	<		<		1
Possumhaw	<i>Ilex decidua</i>	All	12'-20'			<	<			<	<				2,3
Bigleaf Magnolia	<i>Magnolia macrophylla</i>	E,M	30'-40'			<	<			<					4
Umbrella Magnolia	<i>Magnolia tripetala</i>	E,M	30'			<	<			<					4
Sweetbay magnolia	<i>Magnolia virginiana</i>	E,W	10'-35'	10'-35'		<	<	<	<	<	<		<		1
Southern Crabapple	<i>Malus angustifolia</i>	All	20'-35'			<	<			<	<		<		4
Red Mulberry	<i>Morus rubra</i>	All	40'-50'			<	<			<	<	<	<		1,4
Hophornbeam	<i>Ostrya virginiana</i>	All	25'-40'				<	<		<	<		<		1
Sourwood	<i>Oxydendrum arboreum</i>	E,M	25'-45'			<	<			<	<		<		1
Virginia/ Scrub Pine	<i>Pinus virginiana</i>	E,M	15'-40'	10'-30'		<				<					4
American/ Wild Plum	<i>Prunus americana</i>	All	15'-25'			<	<			<	<	<	<		1,4
Chickasaw Plum	<i>Prunus angustifolia</i>	All	5'-15'			<	<			<	<	<			1,4
Hoptree	<i>Ptelea trifoliata</i>	E,M	15'-25'			<	<	<		<	<	<			1
Post Oak	<i>Quercus stellata</i>	All	40'-50'			<				<	<		<		4
Carolina buckthorn	<i>Rhamnus caroliniana</i>	E,M	20'				<	<		<	<	<			1
Rosebay/Great Laurel Rhododendron	<i>Rhododendron maximum</i>	E	20'	10'		<				<					4
Shining/ Flameleaf/ Winged Sumac	<i>Rhus copallinum</i>	All	20'-30'	20'-30'		<	<			<	<				1
Smooth Sumac	<i>Rhus glabra</i>	All	9'-15'			<	<			<	<				1
Staghorn Sumac	<i>Rhus typhina</i>	All	up to 25'			<	<			<	<				1
Carolina Willow	<i>Salix caroliniana</i>	All	up to 33'			<	<	<					<		4
Rusty Blackhaw Viburnum	<i>Viburnum rufidulum</i>	All	20'-25'			<	<	<		<	<	<	<		4
Blackhaw Viburnum	<i>Viburnum prunifolium</i>	NE	20'-25'			<	<	<		<	<	<	<		4
SHRUBS															
Tag Alder	<i>Alnus serrulata</i>	All	10'-20'	10'-20'		<			<	<					4
Indigobush	<i>Amorpha fruticosa</i>	All	6'-12'			<	<			<	<	<			1
Red Chokeberry	<i>Aronia arbutifolia</i>	E,M	6'-11'	3'-5'		<	<		<	<	<				1
Red Chokeberry	<i>Aronia melanocarpa</i>	E,M	3'-6'			<	<		<	<	<				1
American Beautyberry	<i>Callicarpa americana</i>	All	3'-6'			<	<		<	<	<				1
Sweetshrub	<i>Calycanthus floridus</i>	E,M	6'-9'	6'-9'		<	<			<	<				4
New Jersey tea	<i>Ceanothus americanus</i>	All	3'	3'		<	<			<	<	<	<		1
Buttonbush	<i>Cephalanthus occidentalis</i>	All	5'-12'	5'-12'		<	<		<	<					1
Cinnamon Clethra	<i>Clethra acuminata</i>	All	8'-12'							<					1
Sweet pepperbush	<i>Clethra alnifolia</i>	M	5'-10'	4'-6'		<	<			<	<	<	<		1
Cumberland rosemary	<i>Conradina verticillata</i>	E	1'			<				<	<	<			1
Silky dogwood	<i>Cornus amomum</i>	All	6'-12'			<	<		<	<					1,4
Hazelnut	<i>Corylus americana</i>	All	6'-12'	6'-12'		<	<			<	<				1,4

Common Name	Scientific Name	RD	Height	Width	Light			Moisture				Soil pH			SOURCE
					F	P	S	H	M	S	X	B	A		
SHRUBS															
<i>cont'd</i>															
Southern bush honeysuckle	<i>Diervilla sessilifolia</i>	E,M	3'-5'	3'-5'	<	<			<	<	<		<		1,4
Water willow/ Swamp loosestrife	<i>Decodon verticillatus</i>	All	3'	3'-5'	<			<					<		
Leatherwood	<i>Dirca palustris</i>	E,M	3'-6'			<	<		<						1
Hearts-a-bustin	<i>Euonymus americanus</i>	All	4'-6'	3'-4'	<	<	<		<	<					1
Wild hydrangea	<i>Hydrangea arborescens</i>	E,M	3'-6'	3'-6'		<	<		<	<			<		1
Oakleaf hydrangea	<i>Hydrangea quercifolia</i>	All	3'-6'	3'-6'	<	<	<		<	<					1
Cedarglade/ St. John's Wort	<i>Hypericum frondosum</i>	M	3'-4'	3'-4'	<	<			<	<	<				1,4
Shrubby St. John's Wort	<i>Hypericum prolificum</i>	E,M	1'-4'		<	<			<	<	<				1,4
Dense St. John's Wort	<i>Hypericum densiflorum</i>	E,M	4'-6'		<	<			<	<	<				1,4
Common winterberry	<i>Ilex verticillata</i>	E,W	6'-12'		<	<	<	<	<				<		1
Virginia sweetspire	<i>Itea virginica</i>	All	4'-10'	4'-10'	<	<	<	<	<	<					1
Mountain laurel	<i>Kalmia latifolia</i>	E,M	7'-15'		<	<			<	<	<		<		1
Doghobble/ Dog-laurel, Fetterbush	<i>Leucothoe fontanesiana</i>	U,E	2'-6'												4
Spicebush	<i>Lindera benzoin</i>	All	6'-12'	6'-12'		<	<		<						1
Hairy Mock Orange	<i>Philadelphus hirsutus</i>	E	4'-6'		<	<			<	<			<		1,4
Common Mock Orange	<i>Philadelphus inodorus</i>	All	6'-9'		<	<			<	<			<		1,4
Downy Mock Orange	<i>Philadelphus pubescens</i>	M	4'-10'		<	<			<	<			<		1,4
Ninebark	<i>Physocarpus opulifolius</i>	E,M	5'-10'		<	<		<	<	<	<				1
Alabama Azalea	<i>Rhododendron alabamense</i>	M	4'-6'			<	<			<	<		<		4
Sweet Azalea	<i>Rhododendron arborescens</i>	E	10'-20'			<	<	<	<				<		1
Flame Azalea	<i>Rhododendron calendulaceum</i>	U	8'-10'	8'-10'		<	<	<	<	<			<		4
Mountain rosebay (Cawtawba R.)	<i>Rhododendron catawbiense</i>	E	6'-10'			<	<		<	<			<		1
Cumberland Azalea	<i>Rhododendron cumberlandense</i>	E	3'-8'			<	<	<	<	<			<		4
Pietmon Azalea	<i>Rhododendron canescens</i>	All	6'-15'			<	<		<	<			<		1,4
Carolina Rhododendron	<i>Rhododendron minus</i>	E	3'-6'			<	<		<						
Pixterbloom Azalea	<i>Rhododendron periclymenoides</i> (<i>R. nudiflorum</i>)	M	4'-6'			<	<	<	<				<		1
Roseshell Azalea	<i>Rhododendron prinophyllum</i> (<i>R. roseum</i>)	M	3'-8'			<	<	<	<				<		1
Swamp Azalea	<i>Rhododendron viscosum</i>	E	4'-8'			<	<		<	<					4
Fragrant Sumac	<i>Rhus aromatica</i>	E,M	2'-6'			<	<			<	<				1
Carolina/ Pasture Rose	<i>Rosa carolina</i>	All	3'-4'			<			<	<	<		<		1
Swamp Rose	<i>Rosa palustris</i>	All	6'-7'			<	<	<	<	<					4
Prairie Rose	<i>Rosa setigera</i>	All	12'	3'-6'		<	<			<	<	<	<		4
Blackcap Raspberry (Tall Blackberry)	<i>Rubus occidentalis, R. argutus</i>	All	3'-6'			<				<	<		<		4
Northern Dewberry	<i>Rubus flagellaris</i>	All	3'			<	<			<	<				4
Elderberry	<i>Sambucus canadensis</i>	All	6'-8'			<	<		<	<	<	<			4
Bladdernut	<i>Staphylea trifolia</i>	All	8'-14'				<	<		<	<				1
American Snowbell, Bigleaf S.	<i>Styrax americana, S. grandifolius</i>	W	6'-10'			<	<	<	<				<		1
Coralberry	<i>Symphoricarpos orbiculatus</i>	E,M	2'-5'			<	<	<		<	<	<			1
Farkleberry (Sparkleberry)	<i>Vaccinium arboreum</i>	All	20'			<	<			<	<				4
Late Lowbush Blueberry	<i>Vaccinium pallidum(V. vacillans)</i>	E,M	1'-3'			<	<			<	<		<		4
Deerberry	<i>Vaccinium stamineum</i>	E,W	6'-12'			<	<			<	<		<		4
Mapleleaf Viburnum	<i>Viburnum acerifolium</i>	E,M	3'-6'				<	<		<	<		<		4
Northern Witerod	<i>Viburnum cassinoides</i>	E	15'			<	<	<	<	<	<		<		4
Arrowood Viburnum	<i>Viburnum dentatum</i>	E,M	6'-12'	6'-12'		<	<		<	<			<		4
Possumhaw Viburnum	<i>Viburnum nudum</i>	E,M	6'-15'	4'-10'		<	<	<	<	<	<		<		4
Yellowroot	<i>Xanthorhiza simplicissima</i>	E,M	3'			<	<	<	<	<			<		4

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					F	P	S	H	M	S	X	B	A		
VINES															
Dutchman's Pipe	<i>Aristolochia macrophylla</i>	E,M				<	<		<	<			<	<	1,4,5
Wolly Pipevine	<i>Aristolochia tomentosa</i>	All				<	<		<	<			<	<	1,4,5
Ratan Vine	<i>Berchemia scandens</i>	All				<	<	<	<	<				<	1,4,5
Crossvine	<i>Bignonia capreolata</i>	All				<	<		<	<			<	<	1,4,5
Trumpet Creeper	<i>Campsis radicans</i>	All				<	<			<	<	<	<	<	1,4,5
American Bittersweet	<i>Celastrus scandens</i>	E,W							<						1,4,5
Leather-Flower	<i>Clematis versicolor</i>	M					<	<		<	<				4
Virgin's bower (Traveller's Joy)	<i>Clematis virginiana</i>	All				<	<			<	<				4
Leather-Flower	<i>Clematis viorna</i>	M					<	<		<	<				4
Marsh Leather-Flower (Blue Jasmine)	<i>Clematis crispa</i>	W				<	<		<	<			<		4,5
Carolina Snailseed	<i>Cocculus carolinus</i>	All				<	<	<		<	<	<		<	4
Climbing Hydrangea	<i>Decumaria barbara</i>	All				<	<	<	<				<	<	5
Yellow Jasmine	<i>Gelsemium sempervirens</i>	E				<	<			<	<		<	<	1,5
Yellow Honeysuckle	<i>Lonicera flava</i>	S					<	<		<	<				4
Coral Honeysuckle	<i>Lonicera sempervirens</i>	All				<	<	<		<	<	<	<	<	4,5
Common (Canada) Moonseed	<i>Menispermum canadense</i>	All					<	<	<	<	<				4
Virginia Creeper	<i>Parthenocissus quinquefolia</i>	E,M				<	<	<		<	<	<	<	<	4,5
Purple Passion Flower (Maypop)	<i>Passiflora incarnata</i>	All				<	<				<	<	<	<	4,5
Yellow Passion Flower	<i>Passiflora lutea</i>	All					<	<		<	<				4
Riverbank Grape	<i>Vitis riparia</i>					<	<	<	<	<	<				4
American Wisteria	<i>Wisteria frutescens</i>	W				<	<		<	<			<		4,5
HERBACEOUS PERENNIALS															
Doll's Eyes	<i>Actaea pachypoda</i>	All	1-2.5'				<			<					
White Snakeroot	<i>Ageratina altissima</i>	All	2-5'				<			<					
Nodding Onion	<i>Allium cernuum</i>	E, M	12"			<	<						<		
Blue Star	<i>Amsonia tabernaemontana</i>	All	3'			<	<			<					3
Thimbleweed	<i>Anemone virginiana</i>	All	2-3'								<			<	
Wild Columbine	<i>Aquilegia canadensis</i>	E, M	1-2.5'				<							<	3
Spikenard	<i>Aralia racemosa</i>	E, M	2-3'				<			<				<	
Jack-in-the-pulpit	<i>Arisaema triphyllum</i>	All	12"				<			<					3
Goat's-beard	<i>Aruncus dioicus</i>	E	3-6'				<			<				<	
Wild Ginger	<i>Asarum canadense</i>	All	4-6"				<			<					3
Swamp Milkweed	<i>Asclepias incarnata</i>	E, M	3-4'			<			<					<	
Butterfly-weed	<i>Asclepias tuberosa</i>	All	1-2'			<					<	<			
Blue Wood Aster	<i>Aster cordifolius</i>	All	1.5-4'												
White Wood Aster	<i>Aster divaricatus</i>	E	1-3'				<			<	<			<	
Short's Aster	<i>Aster shortii</i>	M	2-4'			<				<	<				
New England, Aromatic aster	<i>Aster novae-angliae, A. oblongifolius</i>	All	3-5'			<			<	<				<	
False Indigo	<i>Baptisia alba</i>	W	3'												
Tickseed Sunflower	<i>Bidens polylepis</i>	M, E	2-4'			<			<	<					
Tickseed Sunflower	<i>Bidens aristosa</i>	M, W	2-4'			<			<	<					
Downy Wood-mint	<i>Blephilia ciliata</i>	M	1-2'				<			<	<			<	
False Aster	<i>Boltonia asteroides</i>	M, W	3-4'			<				<	<			<	
Blue Cohosh	<i>Caulophyllum thalictroides</i>	M, E	1-3'				<			<	<				
Black Cohosh	<i>Cimicifuga racemosa</i>	M, E	3-6'				<			<	<				
Spring Beauty	<i>Claytonia virginica</i>	All	7"-2'												
Blue-eyed Mary	<i>Collinsia verna</i>	Nashville	1-2'				<			<				<	
Mist Flower	<i>Conoclinium coelestinum</i>	All	2'				<				<				
Dwarf Larkspur	<i>Delphinium tricornis</i>	M, E	6-12"							<					
Cutleaf Toothwort	<i>Dentaria laciniata, Cardamine concatenata</i>														
Squirrel Corn	<i>Dicentra canadensis</i>	M, E	6-8"							<					
Wild Bleeding Heart	<i>Dicentra eximia</i>	All	12-18"			<	<			<	<			<	

Common Name	Scientific Name	RD	Height	Width	Light			Moisture				Soil pH		SOURCE
					F	P	S	H	M	S	X	B	A	
HERBACEOUS PERENNIALS cont'd														
Dutchman's Breeches	<i>Dicentra cucullaria</i>	M, E	8-12"							<				
Spotted Mandarin	<i>Disporum maculatum</i>	E	2'			<				<				<
Shooting Star	<i>Dodecatheon meadia</i>	M, E	10-20"							<				<
Flat-topped Aster	<i>Doellingeria umbellata</i>	ER, CP	3-5'			<				<				<
Purple Coneflower	<i>Echinacea purpurea</i>	All	3-5'			<				<	<			3
Carolina Elephantsfoot	<i>Elephantopus carolinianus</i>	All	1-3'			<	<			<				<
Robin's Plantain	<i>Erigeron pulchellus</i>	M, E	8-20"							<				<
Rattlesnake-master, Button Snakeroot	<i>Eryngium yuccifolium</i>	All	2-4'			<	<			<	<			<
Trout Lily	<i>Erythronium americanum</i>	M, E	3-5"							<				<
Joe Pye-weed	<i>Eutrachium spp.</i>	All	5-9'			<				<				<
Soapwort Gentian, Harvestbells	<i>Gentiana saponaria</i>	ER, CP	8-20"				<			<				<
Wild Geranium	<i>Geranium maculatum</i>	All	1-2'				<			<				<
Sneezeweed	<i>Helenium autumnale</i>	M, E	2-4'			<				<	<			<
Purplehead sneezeweed	<i>Helenium flexuosum</i>	All	1-4'			<				<	<			<
Swamped Sunflowers	<i>Helianthus angustifolius</i>	All	5-7'			<			<	<	<	<		<
Sharp-lobed Liverleaf	<i>Hepatica acutiloba</i>	M, E					<			<	<			<
Alumroot	<i>Heuchera americana</i>	All	2'											
Swamp Rose-mallow	<i>Hibiscus moscheutos</i>	All	4-8'											
Goldenseal	<i>Hydrastis canadensis</i>	All	6-15"				<			<				<
Great Waterleaf	<i>Hydrophyllum appendiculatum</i>	M	1-3'				<			<				<
Blazing Star	<i>Liatris spp.</i>	All	2-5'											
Turk's Cap Lily	<i>Lilium superbum</i>	UM	3-9'				<			<				<
Cardinal Flower, Great Blue Lobelia	<i>Lobelia cardinalis, L. siphilitica</i>	All	2-4'				<							<
Virginia Bluebells	<i>Mertensia virginica</i>	M, E	1-1.5'			<				<				
Bee Balm	<i>Monarda didyma</i>	UM	3-4'			<	<			<				
Wild Bergamot	<i>Monarda fistulosa</i>	All	3-4'			<	<			<	<			<
Sundrops	<i>Oenothera fruticosa</i>	M, E	1.5-2'							<	<			<
Smooth/ Eastern Beard-tongue	<i>Penstemon laevigatus</i>	M, E	2-3'			<	<			<	<			<
Wild Blue Phlox	<i>Phlox divaricata</i>	All	1-1.5'				<			<				3
Jacob's Ladder	<i>Polemonium reptans</i>	All							<				<	
Solomon's Seal, False Solomon's seal	<i>Polygonatum biflorum; Smilacina racemosa</i>	All	up to 6'				<			<				<
Prairie Coneflower, Blackeyed Susan	<i>Ratibida pinnata, Rudbeckia spp.</i>	All	3-5'			<				<	<			<
Perennial Black-eyed Susan	<i>Rudbeckia fulgida</i>	All	2-3'			<				<				<
Wreath, Zigzag, Wrinkleleaf goldenrod	<i>Solidago caesia, S. flexicaulis, S. rugosa</i>	All	3-6'				<			<	<			
Indian Pink	<i>Spigelia marilandica</i>	All	1-2'			<	<			<				<
Wood / Celandine Poppy	<i>Stylophorum diplyllum</i>	M, V, R	1-1.5'				<			<				<
Rue Anemone	<i>Thalictrum thalictroides</i>	M, E	3-8"			<	<			<	<			<
Spiderwort	<i>Tradescantia virginiana</i>	WR, V, R	1-2'				<			<	<			<
Trillium	<i>Trillium spp.</i>	All	3-16"							<				
Violet	<i>Viola spp.</i>	All					<				<			<
GRASSES AND SEDGES														
Big bluestem	<i>Andropogon gerardii</i>	All	4-8'			<				<				4
Broomsedge	<i>Andropogon virginicus</i>	All	2-4'			<					<			4
Splitbeard Bluestem	<i>Andropogon ternarius</i>	CP, WR				<					<			4
Giant River Cane	<i>Arundinaria gigantea spp. gigantea</i>	All	30'			<	<		<	<				4
Side Oats Grama	<i>Bouteloua curtipendula</i>	CB, V, R	1-2'			<					<			4
Sedges	<i>Carex spp.</i>	All	3-5'			<			<					4
River oats	<i>Chasmanthium latifolium</i>	All	2.5-4'				<			<				4

Common Name	Scientific Name	RD	Height	Width	Light			Moisture				Soil pH		SOURCE	
					F	P	S	H	M	S	X	B	A		
GRASSES AND SEDGES cont'd															
Bottlebrush grass, Virginia Wild Rye	<i>Elymus hystrix, E. virginicus</i>	E, M	2-3'		<				<						4
Purple Love Grass	<i>Eragrostis spectabilis</i>	All	1-2'		<					<					4
Common Rush	<i>Juncus effusus</i>	All	2-4'			<		<							4
Pink Muhly Grass	<i>Muhlenbergia capillaris</i>		1.5-4'		<				<	<				<	4
Switchgrass	<i>Panicum virgatum</i>	All	3-4'		<				<						4
Silver, Sugarcane Plume Grass	<i>Saccharum alopecuroidum, S. giganteum</i>														4
Little Bluestem	<i>Schizachyrium scoparium</i>	All	2-4'		<					<			<		4
Black Bullrush	<i>Scirpus atrovirens</i>	All	2-5'		<			<							4
Indian Grass	<i>Sorghastrum nutans</i>	All	7'		<				<	<					4
Eastern Gama Grass	<i>Tripsacum dactyloides</i>	All	4-8'		<			<							4
GROUND COVER															
Pussytoes	<i>Antennaria plantaginifolia</i>	All	4-8"							<				<	
Galax, Beetleweed, Coltsfoot	<i>Galax urceolata</i>	UM, V, R	3-6"			<	<			<	<			<	
Rose Verbena	<i>Glandularia canadensis</i>														
Sharp-lobed Hepatica, Liverleaf	<i>Hepatica americana</i>	M, E	3-5"			<	<			<	<			<	
Dwarf crested iris	<i>Iris cristata</i>	All	3-6"		<					<				<	
Running Cedar, Ground pine	<i>Diphysastrum digitatum</i>		5-10"		<	<				<				<	
Partridge Berry	<i>Mitchella repens</i>	All	1-2"		<	<	<			<				<	
Allegheny Spurge	<i>Pachysandra procumbens</i>	M, E	4-9"			<	<			<				<	<
Fernleaf Phacelia	<i>Phacelia bipinnatifida</i>	All	8-24"		<	<				<	<				
Mayapple	<i>Podophyllum peltatum</i>	All	12-18"			<				<				<	
Bloodroot	<i>Sanguinaria canadensis</i>	M, E	6-8"			<				<					
Golden ragwort	<i>Senecio aureus</i>	M, E	1-3'			<				<					
Blue-eyed grass	<i>Sisyrinchium albidum, S. angustifolium</i>	All	6-10"		<					<					
Foam flower	<i>Tiarella cordifolia</i>	M, E	6"		<	<	<			<				<	
FERN															
Maidenhair fern	<i>Adiantum pedatum</i>	All	1-2'							<	<			<	<
Ebony spleenwort	<i>Asplenium platyneuron</i>	All	1-1.5'			<	<			<	<			<	<
Ladyfern	<i>Athyrium filix-femina spp. asplenioides</i>	All	1.5-3'			<				<				<	
Lowland bladderfern	<i>Cystopteris protrusa</i>	M, E	8-15"							<	<				
Hayscented fern	<i>Dennstaedtia punctilobula</i>	E	1.5-2.5'							<	<				
Silvery spleenwort	<i>Deparia acrostichoides</i>	All	2-3.5'							<	<				
Glade fern, Narrow-leaved Spleenwort	<i>Diplazium pycnocarpon</i>	All	1.5-3.5'							<	<				
Marginal fern	<i>Dryopteris marginalis</i>	E	1-2'			<	<			<				<	<
Goldie's woodfern	<i>Dryopteris goldiana</i>	E	2-4'							<	<				
Scouring Rush	<i>Equisetum hyemale</i>	All	2-4'			<	<	<	<						
Sensitive fern	<i>Onoclea sensibilis</i>	All	1-2'			<	<	<	<					<	
Cinnamon, Royal fern	<i>Osmunda cinnamomea, O. regalis</i>	All	2-3'			<	<	<	<	<				<	
Interrupted Fern	<i>Osmunda claytoniana</i>	E	2-4'							<	<				
Royal fern	<i>Osmunda regalis</i>	All	3-5'			<	<	<	<	<				<	
Broad beech fern	<i>Phegopteris hexagonoptera</i>	All	2'							<	<	<			
Christmas fern	<i>Polystichum acrostichoides</i>	All	1.5-2'			<	<			<				<	<
Bracken fern	<i>Pteridium aquilinum</i>		1-4'			<	<			<	<			<	
New York fern	<i>Thelypteris noveboracensis</i>	All	1-1.5'			<	<			<				<	
Blunt-Lobed Cliff-fern	<i>Woodsia obtusa</i>	All				<	<			<	<			<	
Chain fern	<i>Woodwardia areolata</i>	All	2'			<	<	<	<	<	<				

REFERENCES

- 1 *Landscaping with Plants, Tennessee: Promoting Biodiversity Endorsing a Land Ethic that Celebrates Our Natural Heritage*. <<http://s3.amazonaws.com/tneppc2/uploads/583/original/natives2010-web.pdf>>
- 2 *University of Florida Plant Information Database*. <<http://hort.ifas.ufl.edu/database/>>
- 3 *Native Plant List – Kentucky and Tennessee*. <<http://www.plantnative.org/rpl-kytn.htm>>
- 4 Hunter, Margie. 2002. *Gardening with the Native Plants of Tennessee: The Spirit of Place*. University of Tennessee Press.
- 5 Wasowski, Sally. 2010. *Gardening with Native Plants Of the South*. Taylor Trade Publishing.

ADDITIONAL WEBSITES

USDA Natural Resources Conservation Service Plants Database:
<http://plants.usda.gov/>

UT Forest Resources AgResearch and Education Center Arboretum:
<http://forestry.tennessee.edu/arboretum.htm>

Tennessee Smart Yards Native Plant Database and Blog:
<http://tynnativeplants.wordpress.com/>

Tennessee Valley Authority Native Plants of the Tennessee Valley:
<http://www.tva.gov/river/landandshore/stabilization/pdf/plantguide.pdf>

