

SELECTED NATIVE PLANTS FOR BIRDS and POLLINATORS IN THE PIEDMONT AREA OF NORTH CAROLINA

12/31/2020

Common name	Scientific name	Height	Width	Sun/ Shade	Soil moisture	Flower & fruit dates	Drought tolerant	Tend to be deer resistant	Benefit to Wildlife	# of caterpillars supported	NC Audubon plant of the year	NC Wild Flower of the Year	Special Notes
Trees													
Maples	<i>Acer spp.</i>								NE,SE, LH	254			
Red	<i>A. rubrum</i>	40-75'	20-50'	s-ps	w,m	Jan-Mar; Apr-Jul	x	x					
Southern Sugar	<i>A.floridanum</i>	40-60'	40-60'	s-ps	m	Apr-May; Jun-Oct					2018		
Northern Sugar	<i>A. saccharum</i>	60-80'	25-60'	s-ps	m	Apr-Jun; Jun-Sep					2018		Northern is drought sensitive
Chalk	<i>A. leucoderme (native)</i>	20-30'	15-25'	s-ps	m, d	Mar-Apr; Apr-Sep	x						
Pawpaws	<i>Asimina spp.</i>								BE, LH	12			Need more than one genetic strain for best fruit set. Species is drought sensitive.
Common	<i>A. triloba,</i>	8-35'	6-10'	ps-sh	m	Mar-May; Aug-Oct		x					
Dwarf	<i>A. parviflora</i>	3-12'	2-6'	s-ps	m,d	Apr-May; Jul-Sep		x					
River birch	<i>Betula nigra</i>	40-80'	15-25'	s-ps	w, m	Mar-Apr; May-Jun	x	x	LH, SE	299			
Ironwood, American hornbeam	<i>Carpinus caroliniana</i>	15-35'	12-18'	s-sh	w, m	Mar-Apr; Sep-Oct			SE, LH	71			Drought sensitive
Hickories	<i>Carya spp.</i>	60-100'		s-ps	w, m, d	Apr-May; Oct			SE, LH	242			Size, growing conditions vary by species
Hackberries	<i>Celtis spp</i>								NE,BE,LH	47			Best for natural areas. Tolerates seasonal flooding
Southern	<i>C. laevigata</i>	60-80'	40-60'	s-ps	m,d	Apr-May; Aug-Oct		x					
Dwarf	<i>C. tenuifolia</i>	12-25'	8-15'	s-ps	w, m, d	Apr-May; Aug-Oct		x					
Eastern Redbud	<i>Cercis canadensis</i>	10-25'	10-20'	s-ps	m, d	Mar-May; Jun-Nov	x	x	NE, SE, LH	25			
Fringe tree	<i>Chionanthus virginicus</i>	10-30'	10-20'	s-ps	m,d	Apr-May; Jul-Sep			BE, LH	12	2016		Needs male pollinator
native Dogwoods	<i>Cornus spp.</i>								NE, BE, LH	101			
Flowering	<i>C. florida</i>	12-20'	8-15'	ps	m	Mar-May; Aug-Oct							
Silky	<i>C. amomum</i>	3-10'	3-6'	s-ps	w, m	May-Jun; Aug-Sep	x						
Hawthorns	<i>Crataegus spp.</i>	20-35'	20-35'	s	m, d	Mar-Apr; Sep-Nov	x	x	NE, BE, LH	138			Washington Hawthorn is drought tolerant
American persimmon, Common persimmon	<i>Diospyros virginiana</i>	30' to 70'	15' to 25'	s	m, d	May-Jun; Sep-Dec	x		NE, BE, LH	55			Dioecious: male pollinator plant needed for female fruit set. <small>(Good fall color (red/ish orange))</small>
American beech	<i>Fagus grandifolia</i>	50-70'	25-50'	s	m,d	Mar-May; Sep-Oct			SE, LH	124			Drought sensitive
American holly (e)	<i>Ilex opaca</i>	to 70'	8-15'+	s-ps	m	Apr-Jun; Sep-Feb			BE, NE, LH	44			Needs male pollinator
Eastern red cedar (e)	<i>Juniperus virginiana</i>	15-35'	3-12'	s-ps	w, m, d	Jan-Mar; Sep-Feb	x	x	BE, LH	29	2015		needs male pollinator
Sweetgum	<i>Liquidambar styraciflua</i>	60-100'+	30-70'	s-ps	m, d	Apr-May; Aug-Sep		x	NE, SE, LH	37			Fruits messy.
Tulip Tree, Yellow Poplar	<i>Liriodendron tulipifera</i>	70-130'	30-60'	s-ps	m, d	Apr-Jun; Sep-Oct			SE, NE, LH	18			Drought sensitive.
Magnolias	<i>Magnolia spp.</i>								BE, LH	24			
Southern (e)	<i>M. grandiflora</i>	25-50'+	30-60'	s-ps	m	May-Jun; Sep-Oct							
Sweetbay (e)	<i>M. virginiana</i>	20-60'	8-20'	s-ps	w, m	Apr-Jul; Jul-Oct		x			2016		evergreen varieties
Flowering crabapple	<i>Malus angustifolia</i>	10-20'	8-15'	s-ps	m	Apr-May; Aug-Sep			BE, LH	245			
Black gum	<i>Nyssa sylvatica</i>	30-100'	20-35'	s-ps	w, m, d	Apr-Jun; Aug-Oct	x	x	NE, BE, LH	37	2017		
American Hop-hornbeam	<i>Ostrya virginiana</i>	20-35'+	10-18'	s-sh	m	Apr-May; Aug-Oct			SE, LH	82			
Sourwood	<i>Oxydendrum arboreum</i>	15-60'	6-12'	s-ps	m, d	Jun-Jul; Sep-Oct			NE, LH	14			Source of Sourwood honey.
American Sycamore	<i>Platanus occidentalis</i>	70-100'+	40-60'+	ps-s	w, m	Apr-May ; Sep-Nov	x	x	NE, SE, LH	42			Fast-growing.
Pines	<i>Pinus spp.</i>								SE, LH	232			
Shortleaf (e)	<i>P. echinata</i>	50-100'	25-30'	s	m, d	Mar-Apr; Sep-Oct		x					
Virginia (e)	<i>P. virginiana</i>	40-70'	20-35'	s	m, d	Mar-May; Sep-Nov	x	x					Virginia is drought tolerant
Longleaf (e)	<i>P. palustris</i>	40-70'+	25-40'	s	m, d	Mar-Apr; Sep-Oct		x					
Black cherry	<i>Prunus serotina</i>	50-90'	20-30'	s-ps	m, d	Apr-May; Jul-Sep	x	x	BE, NE, LH	362			

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native Plums	<i>Prunus</i> spp.								LH, BE, NE	362			Fruit edible.
Wild Chickasaw	<i>P. americana</i> <i>P. angustifolia</i>	25-30' to 16'	25-30' to 10'	s-ps s-ps	m, d m, d	Mar-Apr; Jun-Aug Mar-Apr; Mar-July	x				2016		
Carolina Cherry-laurel (e)	<i>Prunus caroliniana</i>	20-40'+	12-25'	s-ps	m, d	Mar-Apr; Sep-Oct+		x	BE, LH, NE	362			Seeds freely.
Oaks	<i>Quercus</i> spp.								LH,SE	488			
White Willow	<i>Q. alba</i> <i>Q. phellos</i>	50-100' 60-100'	30-40'+ 30-60'	s-ps s-ps	m, d m	Apr; Sep-Nov Apr; Sep-Nov					2018		
Red Overcup	<i>Q. rubra</i> <i>Q. lyrata</i>	60-80'+ 60-80'+	30-45'+ 30-45'+	s-ps s-ps	m w, m	Apr; Sep-Nov Apr; Sep-Nov					2015 2015		
Scarlet Shumard	<i>Q. coccinea</i> <i>Q. shumardii</i>	50-80' 80-90'	50-80' 30-60'	s-ps s-ps	m, d m, d	Apr; Sep-Nov Apr; Sep-Nov	x				2016 2016		
Black willow	<i>Salix nigra</i>	80-100'	25-40'	s	w	Mar-Apr	x	x	LH	279			
Sassafras	<i>Sassafras albidum</i>	30-60'	12-25'	s-ps	m-d	Mar-Apr; Jun-Jul	x	x	BE, LH	32	2017		needs male pollinator
Elms	<i>Ulmus</i> spp.				m, d				SE, LH	171			All species may be susceptible to Dutch Elm disease
American Winged	<i>U. americana</i> <i>U. alata</i>	60-100' 30-50'		s-ps s-ps	m, d m, d	Feb-Mar; Mar-Apr Feb-Mar; Mar-Apr	x						
Shrubs													
Buckeyes	<i>Aesculus</i> spp.								LH,NE,SE	38			
Red Painted	<i>A. pavia</i> <i>A. sylvatica</i>	12-15' 5-20'	12-15' 4-10'	s-psh s-ps	w, m m	Apr-May; Jul-Aug Apr-May; Jul-Aug		x x					
Tag Alder	<i>Alnus serrulata</i>	8-15'	6-15'	s-ps	w, m	Jan-Mar; Aug-Oct	x		SE, LH	168			Colonial.
Serviceberries	<i>Amelanchier</i> spp.								BE, NE, LH	94			Fruits can be damaged by rust fungus.
Eastern Downy	<i>A. canadensis</i> <i>A. arborea</i>	10-20' 20-40'	5-10' 8-15'	s-ps s-ps	m m, d	Mar-Apr; May-Jun Mar-May; May-Aug		x x			2015		
Red Chokeberry	<i>Aronia arbutifolia</i>	5-10'	4-8'	s-ps	w, m	Mar-May; Sep-Nov			BE, NE, LH	3			Colonial.
American beautyberry	<i>Callicarpa americana</i>	3-8'	3-6'	ps-sh	m	Jun-Jul; Aug-Oct		x	BE, NE, LH	2			
Carolina allspice, Sweetshrub	<i>Calycanthus floridus</i>	4-10'	4-12'	s-sh	m,d	Apr-May; Aug-Sep	x	x	NE, SE, LH	3			
New Jersey tea	<i>Ceanothus americanus</i>	2-3'	2-3'	s-ps	m, d	May-Jun; Jun-Jul	x		LH, NE	37	2017	2013	
Buttonbush	<i>Cephalanthus occidentalis</i>	5-8'	3-6'	s-sh	w, m	Jun-Jul; Aug-Sep	x	x	SE, NE, LH	24			
Sweet pepperbush	<i>Clethra alnifolia</i>	3-8'	4-6'	s-psh	w, m	Jun-Aug; Sep-Oct		x	NE, SE				
Strawberry-bush, Hearts-a-burstin'	<i>Euonymus americanus</i>	3-8'	3-5'	s-ps	m	May-Jun; Sep-Oct			BE				
native Hollies	<i>Ilex</i> spp.								BE, NE, LH	44			Need male pollinators.
Winterberry Inkberry (e)	<i>I. verticillata</i> <i>I. glabra</i>	6-15' 6-8'	6-10' 3-6'	s-ps s-ps	w w	Apr-Jun; Sep-Nov May-Jun; Sep-Oct		x			2015		Inkberry is drought sensitive
Deciduous Yaupon (e)	<i>I. decidua</i> <i>I. vomitoria</i>	15-30' 12-20'	8-15' 6-12'	s-ps s-ps	w, m w, m, d	Mar-May; Sep-Oct Mar-May; Sep-Jan	x x	x x			2018		Yaupon dwarf forms available
Virginia sweetspire	<i>Itea virginica</i>	3-6'		s - sh	w, m	May-Jun			NE,SE,LH	1	2015		
Mountain Laurel (e)	<i>Kalmia latifolia</i>	4-15'	4-8'	s-ps	m, d	Apr-Jul; Sep-Oct		x	SE,NE,LH	23			
Spicebush	<i>Lindera benzoin</i>	8-15'	6-15'	ps	w, m	Mar-Apr; Aug-Sep		x	BE, LH	11	2015		Needs male pollinator
Wax myrtle (e)	<i>Morella (Myrica) cerifera</i>	8-30'	10-25'	s-ps	w, m, d	Apr; Aug-Oct		x	BE, LH	2			Needs male pollinator
Red chokeberry	<i>Photinia (Aronia) pyrifolia</i>	5-10'	4-8'	s-ps	w, m	Mar-May; Sep-Oct			BE, NE, LH				
Ninebark	<i>Physocarpus opulifolius</i>	6-12'		s-ps	m, d	May-Jul; Sep-Oct	x		NE,LH	29	2016		

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native Azaleas	<i>Rhododendron</i> spp. (native)								NE, LH	53			
Sweet azalea	<i>R. arborescens</i>	5-10'	4-8'	s-ps	m	Mar-Jun; Sep-Oct					2017		Sweet is drought sensitive.
Flame azalea	<i>R. calendulaceum</i>	3-8'	5-8'	s-ps	m	May-Jun; Jun-Sep							Flame is drought sensitive.
Swamp azalea	<i>R. viscosum</i>	8-15'	3-5'	s-ps	w	Jun-Jul; Jul-Oct							
Pinxterflower	<i>R. periclymenoides</i>	42835	3-4'	s-ps	m	Mar-May; Sep-Oct					2017		
Sumacs	<i>Rhus</i> spp.								BE, NE, LH	53			Colonial, best for natural areas, need male pollinator
Smooth	<i>R. glabra</i>	to 20'	12-20'	s-psh	m, d	May-Jul; Jun-Oct	x						
Shining	<i>R. copallinum</i>	5-15'	6-12'	s-psh	m, d	May-Jul; Jun-Oct	x						
native Roses	<i>Rosa</i> spp.								BE, NE, LH	105			Have sharp thorns; make a good wildlife thicket.
Carolina or Pasture Rose	<i>R. carolina</i>	2-3'	3-4'	s-ps	m, d	May-Jun; Aug-Oct	x						
Swamp Rose	<i>R. palustris</i>	3-5'	3-6'	s	w, m	May-Jul; Sep-Oct+							
Elderberry	<i>Sambucus canadensis</i>	6-12'	6-12'	s-ps	w, m	Apr-Jul; Jul-Aug	x		BE, NE, LH	29			Needs more than one genetic strain for fruit set.
Native blueberries	<i>Vaccinium</i> spp.								BE, NE, LH	237	2018		More than one genetic strain needed for fruit set.
Sparkleberry	<i>V. arboreum</i>	8-15'	4-10'	s-ps	m, d	Apr-Jun; Sep-Oct							
Smooth Highbush	<i>V. corymbosum</i>	3-12'	3-10'	s-ps	w, m	Apr-May; Jul-Aug							Edible fruit.
Deerberry	<i>V. stamineum</i>	3-4'	2-3'	ps	m, d	Apr-Jun; Aug-Oct							
Rabbit-eye	<i>V. virgatum</i>	to 8'	6-8'	s-ps	w, m	Mar-Apr; May-Jun							Edible fruit
Viburnums	<i>Viburnum</i> spp.								BE, NE, LH	99			Need more than one genetic strain for fruit set.
Blackhaw	<i>V. prunifolium</i>	8-18'	6-15'	s-sh	m, d	Mar-Apr; Sep-Oct	x				2018		
Southern arrowwood	<i>V. dentatum</i>	6-12'	4-10'	s-ps	m, d	Mar-Apr; Jul-Sep	x				2017		
Maple-leaf viburnum	<i>V. acerifolium</i>	3-6'	3-6'	ps-sh	m, d	May; Aug-Oct		x					
Possumhaw	<i>V. nudum</i>	6-12'	4-15'	s-ps	w, m	Apr-May; Aug-Oct	x				2018		
Downy arrowwood	<i>V. rafinesqueanum</i>	3-5'	3'	ps-sh	m	Apr-May; Jun-Jul	x						
Perennial Flowers													
Eastern bluestar	<i>Amsonia tabernaemontana</i>	3'	to 3'	s-ps	w, m	Apr; Aug-Sep		x	NE, LH	1		2006	
Wild Columbine	<i>Aquilegia canadensis</i>	1-3'	8-12"	ps	m	Mar-May; Apr-Aug		x	NE, SE, LH	10	2018	1987	Self-sows readily
Milkweeds	<i>Asclepias</i> spp. (native)								NE, LH	13			
Eastern Swamp Milkweed	<i>Asclepias incarnata</i>	2-4'	to 2'	s-ps	w, m	Jul-Sep; Aug-Oct		x				2005	
Butterfly-weed	<i>Asclepias tuberosa</i>	1-3'	to 2'	s-ps	m, d	May-Aug; Aug-Sep	x	x				1985	
Wild indigos	<i>Baptisia</i> spp.	2-4'	2-4'	s-ps	m, d	May-Jul; Jun-Oct		x	NE, LH	20		1992	
Green and Gold	<i>Chrysogonum virginianum</i>	6-12"	12-18"	ps-sh	m-d	Mar-Jun; Apr-Jul		x	SE, NE		2018		
Blue Mistflower, Wild Ageratum	<i>Conoclinium coelestinum</i>	1-3'	3'	s-psh	m	Jul-Oct; Aug-Nov			SE, NE				Colonial; spreads rapidly
Coreopsis	<i>Coreopsis</i> spp.								SE, NE, LH	6			
Threadleaf coreopsis	<i>C. verticillata</i>	1-2'	to 12"	s-ps	m, d	May-Jul; Jul-Oct	x	x			2015		
Lobed tickseed	<i>C. auriculata</i>	3-18"	12-16"	s-ps	m, d	Apr-Jul		x			2016	1991	
Star tickseed	<i>C. pubescens</i>	2-4'	1-2'	s-ps	m, d	Jun-Sep	x	x			2017		
Greater tickseed	<i>C. major</i>	2-3'	1-2'	s	m, d	May-Aug	x	x					Will naturalize
Maryland golden-aster	<i>Chrysopsis mariana</i>	1-2'	1-2'	s-ps	m	Aug-Oct	x	x	NE, LH	5		2018	self-seeds; short-lived
Purple coneflower	<i>Echinacea purpurea</i>	2-4'	18-24"	s	m, d	Jun-Aug		x	SE, NE, LH	1	2015		
Common boneset	<i>Eupatorium perfoliatum</i>	3-6'	3-4'	s-psh	w, m	Jul-Sep		x	NE, LH	33		2003	
Joe-Pye weed	<i>Eutrochium fistulosum</i>	5-10'	3-4'	s-ps	w, m	Jul-Oct			SE, NE, LH	2		2017	Dwarf form available
White wood aster	<i>Eurybia divaricata</i>	1-2'	12-18"	ps-sh	m, d	Aug-Oct			SE, NE, LH	?	2017	2008	
native Sunflowers	<i>Helianthus</i> spp.								SE, NE, LH	64			
Appalachian	<i>H. atrorubens</i>	1.5-6'	1-3'	s-ps	m, d	Jul-Oct; Sep-Nov		x					
Woodland	<i>H. divaricatus</i>	3-6'	1-3'	ps-psh	m, d	Jun-Sep	x	x					
Swamp	<i>H. angustifolius</i>	5-9'	3-4'	s	w, m	Sep-Oct		x			2018	2007	

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American Alumroot	<i>Heuchera americana</i>	1-2'	12-16"	ps	m, d	Apr–Aug			NE			1999	
Crimson-eyed Rose-mallow	<i>Hibiscus moscheutos</i>	4-7'	3-4'	s	w, m	Jun–Sep; Jul–Oct		x	NE, LH	28		1997	
Flaxleaf whitetop aster	<i>Ionactis linariifolius</i>	1-2'	6-12"	s-ps	m, d	Aug-Oct	x		NE				
Blazing star	<i>Liatris</i> spp.	1.5-4'		s-ps	w, m, d	Jul-Oct		x	NE, SE, LH	5		1998	Size and growing conditions vary by species
Cardinal flower	<i>Lobelia cardinalis</i>	2-3'		s-ps	w, m	Jul-Oct			NE, SE, LH	6		2001	
Eastern Solomon's-plume, False Solomon's-seal	<i>Maianthemum racemosum</i>	1-2'	3-4'	ps-sh	m	Apr–Jun; Aug–Oct			BE, NE, LH	2			
Virginia Bluebells	<i>Mertensia virginica</i>	1-2'	12-16"	ps-sh	m	Mar–May; Apr–Jun			SE				Seeds readily. Goes dormant in the summer.
Beebalm	<i>Monarda</i> spp.								NE, LH	12			
Spotted Horsemint	<i>M. punctata</i>	2-3'	2'	s-ps	m,d	Jun-Jul	x				2018		
Wild Bergamot	<i>M. fistulosa</i>	2-5'	2-3'	s-ps	m,d	Jul-Sep	x	x			2016		
Scarlet Beebalm	<i>M. didyma</i>	2-4'	2-3'	s-ps	m, w	Jul-Aug							
Southern Sundrops	<i>Oenothera fruticosa</i>	16-30"	to 3'	s-ps	m, d	Apr–Oct; May–Nov			NE, SE, LH	17		1989	
Wild quinine	<i>Parthenium integrifolium</i>	2-4'		s	m,d	May-Aug	x	x	NE, LH	15		2017	
Beardtongues	<i>Pentstemon</i> spp. (native)	1-3'		s-ps	m, d	May-Jul; Jul-Aug		x	NE, LH	7		2002	
Phlox	<i>Phlox</i> spp.								NE, LH	7			
Eastern Blue	<i>P. divaricata</i>	9-12"		psh-sh	m	Apr-May					2015		
Trailing	<i>P. nivalis</i>	6"		s	m, d	Mar-May		x			2016		
Creeping	<i>P. stolonifera</i>	6-10"		ps-sh	m	May-Jun		x			2017		
Mountain-mint	<i>Pycnanthemum</i> spp.								NE, LH	4			
Silverleaf	<i>P. incanum</i>	3-4'	2-3'	s-ps	m, d	Jun–Aug; Sep–Oct		x					
Short-toothed	<i>P. muticum</i>	2-3'	2-3'	s-psh	m	Jul-Aug; Sep-Oct		x					
Narrow-leaf	<i>P. tenuifolium</i>	1-1.5'	2-3'	s-ps	m, d	Jun–Aug; Sep–Oct		x				2019	
Black-eyed susan	<i>Rudbeckia fulgida</i>	2-3'	12-16"	s	m, d	Jun-Oct			NE, SE, LH	16	2016	1988	
Green-headed Coneflower	<i>Rudbeckia laciniata</i>	4-8'	3-6'	s-ps	m	Jul–Oct; Aug-Nov		x	NE, SE, LH	16		1995	spreads rampantly by underground stems
Lyre-leaf Sage	<i>Salvia lyrata</i>	1-2'	1'	s-ps	w, m, d	Apr–May; May–Jul		x	NE, LH	8			
Bloodroot, Red Puccoon	<i>Sanguinaria canadensis</i>	5-12"	to 16"	ps-sh	m	Mar–Apr; Apr–May			NE, BE, LH	2			
Fire pink	<i>Silene virginica</i>	12-18"	to 12"	s-ps	m,d	Apr–Jul			SE, NE, LH	4	2016	2015	Short-lived
Blue-eyed Grass	<i>Sisyrinchium angustifolium</i>	6-20"	6-8"	s-ps	m,d	Mar–Jun, May-Jul			SE				
Goldenrods	<i>Solidago</i> spp.								NE,SE, LH	102			
Rough	<i>S. rugosa</i>	2-6'	1-3'	s-ps	m,w	Aug-Oct	x	x					"Fireworks" is good cultivar
Wreath	<i>S. caesia</i>	1-4'	16-20"	ps	m, d	Aug-Oct	x				2017	2017	
Stokes aster	<i>Stokesia laevis</i>	1-2'		s	m	May-Aug	x		NE				
native fall Asters	<i>Symphotrichum</i> spp.								SE, NE, LH	11			
Eastern aromatic	<i>S. oblongifolium</i>	1-3'	to 3'	s	m, d	Aug-Oct	x	x			2015	2000	
Smooth blue	<i>S. laeve</i>	1-3'	12-16"	s-ps	m, d	Aug-Oct					2016		
Largeflower	<i>S. grandiflorum</i>	12-18"	9-12"	s-psh	m, d	Aug-Oct					2017		
Carolina False Lupine	<i>Thermopsis villosa</i>	3-6'	?	s	m	May–Jun; Jul–Sep			LH	?			
Foamflower	<i>Tiarella cordifolia</i>	5-12"	12-18"	ps-sh	m	Apr–Jun; May–Jun			NE			1986	
Ironweed	<i>Vernonia noveboracensis</i>	4-8'	3-4'	s	w, m	Jul-Oct		x	NE, LH	21	2018	2004	
Golden alexander	<i>Zizia aurea</i>	1-3'	12-16"	s-ps	w,m	Apr-May; Jun-Jul			NE, LH	1		2012	

Common name	Scientific name	Height	Width	Sun/ Shade	Soil moisture	Flower & fruit dates	Drought tolerant	Tend to be deer resistant	Benefit to Wildlife	# of caterpillars supported	NC Audubon plant of the year	NC Wild Flower of the Year	Special Notes
Grasses and sedges													
Bluestem	<i>Andropogon</i> spp.	2-9'	1-5'	s	m, d	Aug-Oct		x	SE, LH	19			
River oats	<i>Chasmanthium latifolium</i>	2-4'	20-30"	s-ps	w, m	Jun-Oct	x	x	SE, LH	7		1994	Readily self sows
Pink muhly	<i>Muhlenbergia capillaris</i>	1-3'	16-32"	s	m, d	Aug-Oct		x	SE, LH	3			
Switchgrass	<i>Panicum virgatum</i>	4-8'	2-5'	s	w, m, d	Sep-Oct		x	SE, LH	31	2015		
Little bluestem	<i>Schizachyrium scoparium</i>	2-4'	6-24"	s	m, d	Jun-Oct		x	SE, LH	9	2016		
Yellow indian grass	<i>Sorghastrum nutans</i>	3-7'	2-3'	s	m, d	Aug-Oct		x	SE, LH	8	2017		
native Sedges	<i>Carex</i> spp.												
Creek Sedge (e)	<i>C. amphibola</i>	1'	1'	ps-sh	w, m	May		x	SE, LH	3			
Longhair Sedge	<i>C. comosa</i>	2'	1'-2'	s-psh	w, m	May		x	SE, LH	?			
Fringed Sedge	<i>C. crinita</i>	3'	1-2'	s-psh	w, m	May		x	SE, LH	?			forms colonies
Blue Wood Sedge	<i>C. flaccosperma</i>	6-12"	6-12"	ps-sh	m, w	May		x	SE, LH	?			tolerates dry or wet shade
Frank's Sedge	<i>C. frankii</i>	1-2'	1-2'	s-psh	w, m	May		x	SE, LH	?			tolerates temporary flooding
Gray's Sedge (e)	<i>C. grayi</i>	2'	1.5-2'	s-psh	m, w	May		x	SE, LH	?			can tolerate drier conditions
Spreading Sedge	<i>C. laxiculmis</i>	6-12"	6-12"	ps-sh	m	April		x	SE, LH	?			
Hop Sedge	<i>C. lupulina</i>	2-3'	1-2'	s-psh	w, m	May		x	SE, LH	?			
Lurid Sedge	<i>C. lurida</i>	1-3'	1-2'	s-psh	w, m	May		x	SE, LH	?			
Pennsylvania Sedge (e)	<i>C. pensylvanica</i>	6-12"	6-12"	ps-sh	d, m	May	x	x	SE, LH	36			lawn alternative
Rosy Sedge	<i>C. rosea</i>	1'	1'	ps-sh	d, m	May		x	SE, LH	?			
Narrow-leaved Cattail Sedge (Squarrose Sedge)	<i>C. squarrosa</i>	2-3'	1-2'	s-sh	m, w	May		x	SE, LH	?			
Tussock Sedge (e)	<i>C. stricta</i>	3'	2'	s-psh	m, w	May		x	SE, LH	6			tolerates flooding
Fox Sedge	<i>C. vulpinoidea</i>	1-3'	1-2'	s-psh	m, w	May		x	SE, LH	?			can spread rapidly

Vines													
Cross-vine (e)	<i>Bignonia capreolata</i>	36-50'		s-psh	m, d	Apr-May; Jul-Aug			NE, LH	2	2015		
Trumpet creeper	<i>Campsis radicans</i>	6-80'		s-ps	m, d	Jun-Oct; Sep-Oct	x	x	NE, LH	7	2015		
Butterfly pea	<i>Centrosema virginianum</i>	6-12'		psh-sh	m, d	Jul-Aug			NE, LH	2			
Carolina jessamine (e)	<i>Gelsemium sempervirens</i>	5-20'		s-ps	m, d	Mar-May; Sep-Nov		x	NE				
Pipevine	<i>Isotrema macrophylla</i>	15-30'		s-psh	m	May-Jun; Aug-Sep			NE, LH	1			
Coral honeysuckle	<i>Lonicera sempervirens</i>	4-15'		s-ps	m	Mar-Jul; Jul-Sep	x	x	NE, BE, LH	31	2018		
Virginia creeper	<i>Parthenocissus quinquefolia</i>	4-70'		s-ps	w, m, d	May-Jul; Jul-Aug	x	x	BE, LH	29			
Yellow Passionflower	<i>Passiflora lutea</i>	15'		s-ps	m, d	Jun-Sep; Aug-Oct		x	NE, BE, LH	5			
Lanceleaf greenbrier, Jacksonbrier (e)	<i>Smilax smallii</i>	6-12'		s-psh	w, m	Jun-Jul; Apr-Jun (following year)			NE, BE, LH	19			Needs male pollinator

KEY	
Evergreen:	Marked with "(e)" next to plant name
Soil moisture:	w = wet, m = moderate, d = dry
Sun requirements:	s = full sun, ps = part sun, psh = part shade, sh = shade
Flower & fruit dates:	Flowering period (first date range) and fruiting period (second date range). Only one date range is provided for species that flower and fruit simultaneously.
Benefit to Wildlife:	LH = larval host, SE = seed/nut producing, BE = berry/fruit producing, NE = nectar producing
Deer Resistance:	No plant is deer proof but the plants marked with an X are considered least likely to be damaged. Some new plants may need protection from "sampling" until established. New growth on perennials may need protection in spring with a spray if there's damage from browsing. We recommend that all new trees have protection from browsing until branches are above browsing line and from buck rub until trunk diameter is at least 3 inches.
# of Caterpillars supported	This is for the entire genus rather than each species. It relates to Doug Tallamy's concept of keystone species where he recommends planting species from the genera hosting the most caterpillars to provide food for the birds to raise their nestlings.

Common name	Scientific name	Height	Width	Sun/ Shade	Soil moisture	Flower & fruit dates	Drought tolerant	Tend to be deer resistant	Benefit to Wildlife	# of caterpillars supported	NC Audubon plant of the year	NC Wild Flower of the Year	Special Notes
Sources:	Plants and growing conditions: NC Audubon - (primary source) Lady Bird Johnson Wildflower Center NC Wild Flower of the Year program: NC Botanical Gardens			https://nc.audubon.org/birdfriendlynativeplantslists www.wildflower.org https://ncbg.unc.edu/plants/nc-wildflower-of-the-year/									
	Deer resistance: NC Extension Service (primary source) Lady Bird Johnson Wildflower Center <i>Bringing Nature Home</i> by Doug Tallamy Also from the combined experience of Keystone species (# of caterpillars supported) National Wildlife Federation			https://plants.ces.ncsu.edu/ https://www.wildflower.org/collections/collection.php?collection=deer pages 299-300 members of the New Hope Audubon Bird Friendly Habitat Committee https://www.nwf.org/NativePlantFinder/About									
Compiled by:	New Hope Audubon Society, serving Chatham, Durham, and Orange Counties in North Carolina newhopeaudubon.org												