

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

2/10/2018

Common name	Scientific name	Height	Width	Sun/ Shade	Soil moisture	Flower & fruit dates	Drought tolerant	Deer resistant	Benefit to Wildlife	NC Audubon plant of year	NC Wild Flower of the Year	Special Notes
<b>Trees</b>												
Maples	<i>Acer spp.</i>								SE, NE			
Red	<i>A. rubrum</i>	40-75'	20-50'	s-ps	w,m	Jan-Mar; Apr-Jul	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>							x	LH, BE			
Common	<i>A. triloba,</i>	8-35'	6-10'	ps-sh	m	Mar-May; Aug-Oct						Need more than one genetic strain for best fruit set.
Dwarf	<i>A. parviflora</i>	3-12'	2-6'	s-ps	m,d	Apr-May; Jul-Sep						Species is drought sensitive.
River birch	<i>Betula nigra</i>	40-80'	15-25'	s-ps	w, m	Mar-Apr; May-Jun	x		LH, SE			
Ironwood, American hornbeam	<i>Carpinus caroliniana</i>	15-35'	12-18'	s-sh	w, m	Mar-Apr; Sep-Oct			LH, SE			Drought sensitive
Hickories	<i>Carya spp.</i>	60-100'		s-ps	w, m, d	Apr-May; Oct			SE, LH			Size, growing conditions vary by species
Hackberries	<i>Celtis spp</i>											
Southern	<i>C. laevigata</i>	60-80'	40-60'	s-ps	m,d	Apr-May; Aug-Oct		x	LH, BE, NE			Best for natural areas. Tolerates seasonal flooding
Dwarf	<i>C. tenuifolia</i>	12-25'	8-15'	s-ps	w, m, d	Apr-May; Aug-Oct		x	LH, BE, NE			
Eastern Redbud	<i>Cercis canadensis</i>	10-25'	10-20'	s-ps	m, d	Mar-May; Jun-Nov	x	x	SE, NE, LH			
Fringe tree	<i>Chionanthus virginicus</i>	10-30'	10-20'	s-ps	m,d	Apr-May; Jul-Sep			BE	2016		Needs male pollinator
native Dogwoods	<i>Cornus spp.</i>											
Flowering	<i>C. florida</i>	12-20'	8-15'	ps	m	Mar-May; Aug-Oct			BE, LH, NE			
Silky	<i>C. amomum</i>	3-10'	3-6'	s-ps	w, m	May-Jun; Aug-Sep	x		BE, LH, NE			
Hawthorns	<i>Crataegus spp.</i>	20-35'	20-35'	s	m, d	Mar-Apr; Sep-Nov	x	x	LH, BE, NE			Washington Hawthorn is drought tolerant
American beech	<i>Fagus grandifolia</i>	50-70'	25-50'	s	m,d	Mar-May; Sep-Oct			SE, LH			Drought sensitive
American holly	<i>Ilex opaca</i>	to 70'	8-15'+	s-ps	m	Apr-Jun; Sep-Feb			BE, NE, LH			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	2015		needs male pollinator
Sweetgum	<i>Liquidambar styraciflua</i>	60-100'+	30-70'	s-ps	m, d	Apr-May; Aug-Sep			SE			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			Drought sensitive.
Magnolias	<i>Magnolia spp.</i>											
Southern	<i>M. grandiflora</i>	25-50'+	30-60'	s-ps	m	May-Jun; Sep-Oct			BE			
Sweetbay	<i>M. virginiana</i>	20-60'	8-20'	s-ps	w, m	Apr-Jul; Jul-Oct		x	BE	2016		evergreen varieties
Flowering crabapple	<i>Malus angustifolia</i>	10-20'	8-15'	s-ps	m	Apr-May; Aug-Sep			BE, LH			
Black gum	<i>Nyssa sylvatica</i>	30-100'	20-35'	s-ps	w, m, d	Apr-Jun; Aug-Oct	x	x	BE, NE	2017		
American Hop-hornbeam	<i>Ostrya virginiana</i>	20-35'+	10-18'	s-sh	m	Apr-May; Aug-Oct			SE, LH			
Sourwood	<i>Oxydendrum arboreum</i>	15-60'	6-12'	s-ps	m, d	Jun-Jul; Sep-Oct			NE			Source of Sourwood honey.
American Sycamore	<i>Platanus occidentalis</i>	70-100'+	40-60'+	ps-s	w, m	Apr-May ; Sep-Nov	x		SE			Fast-growing.
Pines	<i>Pinus spp.</i>											
Shortleaf (e)	<i>P. echinata</i>	50-100'	25-30'	s	m, d	Mar-Apr; Sep-Oct		x	SE, LH			
Virginia (e)	<i>P. virginiana</i>	40-70'	20-35'	s	m, d	Mar-May; Sep-Nov	x	x	SE, LH			Virginia is drought tolerant
Longleaf (e)	<i>P. palustris</i>	40-70'+	25-40'	s	m, d	Mar-Apr; Sep-Oct		x	SE, LH			
Black cherry	<i>Prunus serotina</i>	50-90'	20-30'	s-ps	m, d	Apr-May; Jul-Sep	x		BE, NE, LH			
native Plums	<i>Prunus spp.</i>											
Wild	<i>P. americana</i>	25-30'	25-30'	s-ps	m, d	Mar-Apr; Jun-Aug	x		LH, BE, NE	2016		Fruit edible.
Chickasaw	<i>P. angustifolia</i>	to 16'	to 10'	s-ps	m, d	Mar-Apr; Mar-July			LH, BE, NE			
Carolina Cherry-laurel (e)	<i>Prunus caroliniana</i>	20-40'+	12-25'	s-ps	m, d	Mar-Apr; Sep-Oct+			BE, LH, NE			Seeds freely.

Common name	Scientific name	Height	Width	Sun/ Shade	Soil moisture	Flower & fruit dates	Drought tolerant	Deer resistant	Benefit to Wildlife	NC Audubon plant of year	NC Wild Flower of the Year	Special Notes
Oaks	<i>Quercus</i> spp.											
White	<i>Q. alba</i>	50-100'	30-40'+	s-ps	m, d	Apr; Sep-Nov						
Willow	<i>Q. phellos</i>	60-100'	30-60'	s-ps	m	Apr; Sep-Nov			LH, SE	2018		
Red	<i>Q. rubra</i>	60-80'+	30-45'+	s-ps	m	Apr; Sep-Nov			LH, SE	2015		
Overcup	<i>Q. lyrata</i>	60-80'+	30-45'+	s-ps	w, m	Apr; Sep-Nov			LH, SE	2015		
Scarlet	<i>Q. coccinea</i>	50-80'	50-80'	s-ps	m, d	Apr; Sep-Nov	x		LH, SE	2016		
Shumard	<i>Q. shumardii</i>	80-90'	30-60'	s-ps	m, d	Apr; Sep-Nov			LH, SE	2016		
Black willow	<i>Salix nigra</i>	80-100'	25-40'	s	w	Mar-Apr	x		LH			
Sassafras	<i>Sassafras albidum</i>	30-60'	12-25'	s-ps	m-d	Mar-Apr; Jun-Jul	x	x	BE, LH	2017		needs male pollinator
Elms	<i>Ulmus</i> spp.				m, d							
American	<i>U. americana</i>	60-100'		s-ps	m, d	Feb-Mar; Mar-Apr	x		SE, LH			All species may be susceptible to Dutch Elm disease
Winged	<i>U. alata</i>	30-50'		s-ps	m, d	Feb-Mar; Mar-Apr			SE, LH			
<b>Shrubs</b>												
Buckeyes	<i>Aesculus</i> spp.											
Red	<i>A. pavia</i>	12-15'	12-15'	s-psh	w, m	Apr-May; Jul-Aug		x	NE, SE			
Painted	<i>A. sylvatica</i>	5-20'	4-10'	s-ps	m	Apr-May; Jul-Aug			NE, SE			
Tag Alder	<i>Alnus serrulata</i>	8-15'	6-15'	s-ps	w, m	Jan-Mar; Aug-Oct	x		SE, LH			Colonial.
Serviceberries	<i>Amelanchier</i> spp.											
Eastern	<i>A. canadensis</i>	10-20'	5-10'	s-ps	m	Mar-Apr; May-Jun			BE, NE, LH			Fruits can be damaged by rust fungus.
Downy	<i>A. arborea</i>	20-40'	8-15'	s-ps	m, d	Mar-May; May-Aug			BE, NE, LH	2015		
Red Chokeberry	<i>Aronia arbutifolia</i>	5-10'	4-8'	s-ps	w, m	Mar-May; Sep-Nov			BE, NE, LH			Colonial.
American beautyberry	<i>Callicarpa americana</i>	3-8'	3-6'	ps-sh	m	Jun-Jul; Aug-Oct		x	BE, NE			
Carolina allspice, Sweetshrub	<i>Calycanthus floridus</i>	4-10'	4-12'	s-sh	m, d	Apr-May; Aug-Sep	x	x	NE, SE			
New Jersey tea	<i>Ceanothus americanus</i>	2-3'	2-3'	s-ps	m, d	May-Jun; Jun-Jul	x		LH, NE	2017	2013	
Buttonbush	<i>Cephalanthus occidentalis</i>	5-8'	3-6'	s-sh	w, m	Jun-Jul; Aug-Sep	x	x	SE, NE			
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.											
Winterberry	<i>I. verticillata</i>	6-15'	6-10'	s-ps	w	Apr-Jun; Sep-Nov			BE, NE, LH	2015		Need male pollinators.
Inkberry (e)	<i>I. glabra</i>	6-8'	3-6'	s-ps	w	May-Jun; Sep-Oct		x	BE, NE, LH			Inkberry is drought sensitive
Deciduous	<i>I. decidua</i>	15-30'	8-15'	s-ps	w, m	Mar-May; Sep-Oct	x	x	BE, NE, LH	2018		
Yaupon (e)	<i>I. vomitoria</i>	12-20'	6-12'	s-ps	w, m, d	Mar-May; Sep-Jan	x	x	BE, NE, LH			Yaupon dwarf forms available
Virginia sweetspire	<i>Itea virginica</i>	3-6'		s - sh	w, m	May-Jun			NE, SE	2015		
Mountain Laurel	<i>Kalmia latifolia</i>	4-15'	4-8'	s-ps	m, d	Apr-Jul; Sep-Oct			SE, NE			
Spicebush	<i>Lindera benzoin</i>	8-15'	6-15'	ps	w, m	Mar-Apr; Aug-Sep		x	LH, BE	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			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	2016		
native Azaleas	<i>Rhododendron</i> spp. (native)											
Sweet azalea	<i>R. arborescens</i>	5-10'	4-8'	s-ps	m	Mar-Jun; Sep-Oct			NE, LH	2017		Sweet is drought sensitive.
Flame azalea	<i>R. calendulaceum</i>	3-8'	5-8'	s-ps	m	May-Jun; Jun-Sep			NE, LH			Flame is drought sensitive.
Swamp azalea	<i>R. viscosum</i>	8-15'	3-5'	s-ps	w	Jun-Jul; Jul-Oct			NE, LH			
Pinxterflower	<i>R. periclymenoides</i>	4-8-15'	3-4'	s-ps	m	Mar-May; Sep-Oct			NE, LH	2017		
Sumacs	<i>Rhus</i> spp.											
Smooth	<i>R. glabra</i>	to 20'	12-20'	s-psh	m, d	May-Jul; Jun-Oct	x		BE, NE, LH			Colonial, best for natural areas, need male pollinator
Shining	<i>R. copallinum</i>	5-15'	6-12'	s-psh	m, d	May-Jul; Jun-Oct	x		BE, NE, LH			
native Roses	<i>Rosa</i> spp.											
Carolina or Pasture Rose	<i>R. carolina</i>	2-3'	3-4'	s-ps	m, d	May-Jun; Aug-Oct	X		BE, NE			Have sharp thorns; make a good wildlife thicket.
Swamp Rose	<i>R. palustris</i>	3-5'	3-6'	s	w, m	May-Jul; Sep-Oct+			BE, NE			

Common name	Scientific name	Height	Width	Sun/ Shade	Soil moisture	Flower & fruit dates	Drought tolerant	Deer resistant	Benefit to Wildlife	NC Audubon plant of year	NC Wild Flower of the Year	Special Notes
Elderberry	<i>Sambucus canadensis</i>	6-12'	6-12'	s-ps	w, m	Apr-Jul; Jul-Aug	x		BE, NE, LH			Needs more than one genetic strain for fruit set.
Native blueberries	<i>Vaccinium spp.</i>									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			BE, NE, LH			
Smooth Highbush	<i>V. corymbosum</i>	3-12'	3-10'	s-ps	w, m	Apr-May; Jul-Aug			BE, NE, LH			Edible fruit.
Deerberry	<i>V. stamineum</i>	3-4'	2-3'	ps	m, d	Apr-Jun; Aug-Oct			BE, NE, LH			
Rabbit-eye	<i>V. virgatum</i>	to 8'	6-8'	s-ps	w, m	Mar-Apr; May-Jun			BE, NE, LH			Edible fruit
Viburnums	<i>Viburnum spp.</i>											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		BE, NE, LH	2018		
Southern arrowwood	<i>V. dentatum</i>	6-12'	4-10'	s-ps	m, d	Mar-Apr; Jul-Sep	x		BE, NE, LH	2017		
Maple-leaf viburnum	<i>V. acerifolium</i>	3-6'	3-6'	ps-sh	m, d	May; Aug-Oct			BE, NE, LH			
Possumhaw	<i>V. nudum</i>	6-12'	4-15'	s-ps	w, m	Apr-May; Aug-Oct	x		BE, NE, LH	2018		
Downy arrowwood	<i>V. rafinesqueanum</i>	3-5'	3'	ps-sh	m	Apr-May; Jun-Jul	x		BE, NE, LH			
<b>Perennial Flowers</b>												
Eastern bluestar	<i>Amsonia tabernaemontana</i>	3'	to 3'	s-ps	w, m	Apr; Aug-Sep		x	NE		2006	
Wild Columbine	<i>Aquilegia canadensis</i>	1-3'	8-12"	ps	m	Mar-May; Apr-Aug		x	NE, SE	2018	1987	Self-sows readily
Milkweeds	<i>Asclepias spp. (native)</i>											
Eastern Swamp Milkweed	<i>Asclepias incarnata</i>	2-4'	to 2'	s-ps	w, m	Jul-Sep; Aug-Oct		x	NE, LH		2005	
Butterfly-weed	<i>Asclepias tuberosa</i>	1-3'	to 2'	s-ps	m, d	May-Aug; Aug-Sep	x	x	NE, LH		1985	
Wild indigos	<i>Baptisia spp.</i>	2-4'	2-4'	s-ps	m, d	May-Jul; Jun-Oct		x	LH, NE		1992 (australis)	
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 spp.</i>											
Threadleaf coreopsis	<i>C. verticillata</i>	1-2'	to 12"	s-ps	m, d	May-Jul; Jul-Oct	x	x	SE, NE	2015	1991	
Lobed tickseed	<i>C. auriculata</i>	3-18"	12-16"	s-ps	m, d	Apr-Jul			SE, NE	2016		
Star tickseed	<i>C. pubescens</i>	2-4'	1-2'	s-ps	m, d	Jun-Sep	x	x	SE, NE	2017		
Greater tickseed	<i>C. major</i>	2-3'	1-2'	s	m, d	May-Aug	x	x	SE, NE			Will naturalize
Maryland golden-aster	<i>Chrysopsis mariana</i>	1-2'	1-2'	s-ps	m	Aug-Oct	x	x	NE		2018	self-seeds; short-lived
Purple coneflower	<i>Echinacea purpurea</i>	2-4'	18-24"	s	m, d	Jun-Aug		x	SE, NE	2015		
Rattlesnake-master	<i>Eryngium yuccifolium</i>	4-5'	2-3'	s	d, m	May-Aug	x		NE		2016	aggressive self-seeder, spiny leaves
Common boneset	<i>Eupatorium perfoliatum</i>	3-6'	3-4'	s-psh	w, m	Jul-Sep		x	NE		2003	
Joe-Pye weed	<i>Eutrochium fistulosum</i>	5-10'	3-4'	s-ps	w, m	Jul-Oct		x	SE, LH, NE		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 spp.</i>											
Appalachian	<i>H. atrorubens</i>	1.5-6'	1-3'	s-ps	m, d	Jul-Oct; Sep-Nov			SE, LH, NE			
Woodland	<i>H. divaricatus</i>	3-6'	1-3'	ps-psh	m, d	Jun-Sep	x	x	SE, LH, NE			
Swamp	<i>H. angustifolius</i>	5-9'	3-4'	s	w, m	Sep-Oct			SE, NE	2018	2007	
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			NE		1997	
Flaxleaf whitetop aster	<i>Ionactis linariifolius</i>	1-2'	6-12"	s-ps	m, d	Aug-Oct	x		NE			
Blazing star	<i>Liatris spp. (native)</i>	1.5-4'		s-ps	w, m, d	Jul-Oct			NE, SE		1998	Size and growing conditions vary by species; Southern blazing star ( <i>Liatris squarrulosa</i> ) was 1998 plant of year
Cardinal flower	<i>Lobelia cardinalis</i>	2-3'		s-ps	w, m	Jul-Oct		x	NE, SE		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			
Piedmont Barbara's-buttons	<i>Marshallia obovata</i>	1-2'	1'	s-ps	m, d	Apr-May	x		NE		2009	

Common name	Scientific name	Height	Width	Sun/ Shade	Soil moisture	Flower & fruit dates	Drought tolerant	Deer resistant	Benefit to Wildlife	NC Audubon plant of year	NC Wild Flower of the Year	Special Notes
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.
Beebalsms	<i>Monarda</i> spp.											
Spotted Horsemint	<i>M. punctata</i>	2-3'	2'	s-ps	m, d	Jun-Jul	x	x	NE	2018		
Wild Bergamot	<i>M. fistulosa</i>	2-5'	2-3'	s-ps	m, d	Jul-Sep	x	x	NE	2016		
Scarlet Beebalm	<i>M. didyma</i>	2-4'	2-3'	s-ps	m, w	Jul-Aug		x	NE			
Southern Sundrops	<i>Oenothera fruticosa</i>	16-30"	to 3'	s-ps	m, d	Apr-Oct; May-Nov			SE, NE		1989	
Wild quinine	<i>Parthenium integrifolium</i>	2-4'		s	m, d	May-Aug	x		NE	2017		
Eastern smooth beardtongue	<i>Penstemon laevigatus</i>	1-3'	1-1 1/2'	s-ps	m, d	May-Jul; Jul-Aug			NE, LH		2002	well-drained soil
Phlox	<i>Phlox</i> spp.											
Eastern Blue	<i>P. divaricata</i>	9-12"		psh-sh	m	Apr-May			NE	2015		
Trailing	<i>P. nivalis</i>	6"		s	m, d	Mar-May			NE	2016		
Creeping	<i>P. stolonifera</i>	6-10"		ps-sh	m	May-Jun			NE	2017		
Mountain-mint	<i>Pycnanthemum</i> spp.											
Silverleaf	<i>P. incanum</i>	3-4'	2-3'	s-ps	m, d	Jun-Aug; Sep-Oct			NE			
Short-toothed	<i>P. muticum</i>	2-3'	2-3'	s-ps	m	Jul-Aug; Sep-Oct			NE			
Narrow-leaf	<i>P. tenuifolium</i>	1-1.5'	2-3'	s-ps	m, d	Jun-Aug; Sep-Oct			NE			
Black-eyed susan	<i>Rudbeckia fulgida</i>	2-3'	12-16"	s	m, d	Jun-Oct			SE, NE	2016	1988	
Green-headed Coneflower	<i>Rudbeckia laciniata</i>	4-8'	3-6'	s-ps	m	Jul-Oct; Aug-Nov			SE, NE		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			
Bloodroot, Red Puccoon	<i>Sanguinaria canadensis</i>	5-12"	to 16"	ps-sh	m	Mar-Apr; Apr-May			NE, BE			
Fire pink	<i>Silene virginica</i>	12-18"	to 12"	s-ps	m, d	Apr-Jul			SE, NE	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.											
Rough	<i>S. rugosa</i>	2-6'	1-3'	s-ps	m, w	Aug-Oct		x	SE, NE			"Fireworks" is good cultivar
Wreath	<i>S. caesia</i>	1-4'	16-20"	ps	m, d	Aug-Oct		x	SE, NE	2017	2017	
Stokes aster	<i>Stokesia laevis</i>	1-2'		s	m	May-Aug	x		NE			
native fall Asters	<i>Symphotrichum</i> spp.											
Eastern silver aster	<i>S. concolor</i>	2-3'	1'	s-ps	d, m	Aug-Oct	x				1996	
Eastern aromatic	<i>S. oblongifolium</i>	1-3'	to 3'	s	m, d	Aug-Oct	x	x	SE, NE, LH	2015	2000	needs well-drained soil
Smooth blue	<i>S. laeve</i>	1-3'	12-16"	s-ps	m, d	Aug-Oct			SE, NE, LH	2016		
Largeflower	<i>S. grandiflorum</i>	12-18"	9-12"	s-psh	m, d	Aug-Oct			SE, NE, LH	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			NE	2018	2004	
Golden alexander	<i>Zizia aurea</i>	1-3'	12-16"	s-ps	w, m	Apr-May; Jun-Jul			LH		2012	
<b>Grasses, sedges, and rushes</b>												
Bluestem	<i>Andropogon</i> spp.	2-9'	1-5'	s	m, d	Aug-Oct		x	SE, LH			
River oats	<i>Chasmanthium latifolium</i>	2-4'	20-30"	s-ps	w, m	Jun-Oct		x	SE, LH		1994	Readily self sows
Pink muhly	<i>Muhlenbergia capillaris</i>	1-3'	16-32"	s	m, d	Aug-Oct		x	SE, LH			
Switchgrass	<i>Panicum virgatum</i>	4-8'	2-5'	s	w, m, d	Sep-Oct		x	SE, LH	2015		
Little bluestem	<i>Schizachyrium scoparium</i>	2-4'	6-24"	s	m, d	Jun-Oct		x	SE, LH	2016		
Yellow indian grass	<i>Sorghastrum nutans</i>	3-7'	2-3'	s	m, d	Aug-Oct		x	SE, LH	2017		
native Sedges	<i>Carex</i> spp.											
Creek Sedge (e)	<i>C. amphibola</i>	1'	1'	ps-sh	w, m	May		x	SE, LH			
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

Common name	Scientific name	Height	Width	Sun/ Shade	Soil moisture	Flower & fruit dates	Drought tolerant	Deer resistant	Benefit to Wildlife	NC Audubon plant of year	NC Wild Flower of the Year	Special Notes
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			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			tolerates flooding
Fox Sedge	<i>C. vulpinoidea</i>	1-3'	1-2'	s-psh	m, w	May		x	SE. LH			can spread rapidly
Common or Soft Rush	<i>Juncus effusus</i>	2-4'	1-2'	s-ps	w	Jun-Sep			Herbage			Good plant for wet areas. Provides shelter for birds.
<b>Vines</b>												
Cross-vine (e)	<i>Bignonia capreolata</i>	36-50'		s-psh	m, d	Apr-May; Jul-Aug		x	NE	2015		
Trumpet creeper	<i>Campsis radicans</i>	6-80'		s-ps	m, d	Jun-Oct; Sep-Oct	x	x	NE	2015		
Butterfly pea	<i>Centrosema virginianum</i>	6-12'		psh-sh	m, d	Jul-Aug			NE			
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			LH			
Coral honeysuckle	<i>Lonicera sempervirens</i>	4-15'		s-ps	m	Mar-Jul; Jul-Sep	x	x	NE, BE	2018		
Virginia creeper	<i>Parthenocissus quinquefolia</i>	4-70'		s-ps	w, m, d	May-Jul; Jul-Aug	x	x	BE			
Yellow Passionflower	<i>Passiflora lutea</i>	15'		s-ps	m, d	Jun-Sep ; Aug-Oct		x	NE, LH, BE			
Lanceleaf greenbrier, Jacksonbrier (e)	<i>Smilax smallii</i>	6-12'		s-psh	w, m	Jun-Jul ; Apr-Jun (following year)			BE, NE			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
Plant of Year:	As chosen by the NC Audubon Native Plant of the Year Program. Participating garden shops will be selling these plants.
Deer Resistance:	<b>No plant is deer proof</b> but the plants marked are considered least likely to be damaged. Most new plants will need protection from browsing until established. <b>All new trees need fence protection</b> from browsing and buck rub until branches are high and diameter is over 3 inches.



Primary Sources:	Plants and growing conditions: <a href="https://www.nc.audubon.org/conservation/bird-friendly-communities/bird-friendly-native-plants/bird-friendly-native-plants-lists">nc.audubon.org/conservation/bird-friendly-communities/bird-friendly-native-plants/bird-friendly-native-plants-lists</a> and <a href="http://www.wildflower.org">www.wildflower.org</a> NC Wild Flower of the Year program: <a href="http://ncbg.unc.edu/north-carolina-wildflower-of-the-year/">ncbg.unc.edu/north-carolina-wildflower-of-the-year/</a> Deer resistance: <a href="https://www.wildflower.org/collections/collection.php?collection=deer">https://www.wildflower.org/collections/collection.php?collection=deer</a> <a href="http://www.ces.ncsu.edu/files/library/71/Deer%20Resistant%20Plants.pdf">www.ces.ncsu.edu/files/library/71/Deer%20Resistant%20Plants.pdf</a>
Compiled by:	New Hope Audubon Society, serving Chatham, Durham, and Orange Counties in North Carolina <a href="http://newhopeaudubon.org">newhopeaudubon.org</a>