

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

1/16/2020

Common name	Scientific name	Height	Width	Sun/ Shade	Soil moisture	Flower & fruit dates	Drought tolerant	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						
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	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							
Dwarf	<i>A. parviflora</i>	3-12'	2-6'	s-ps	m, d	Apr-May; Jul-Sep							
River birch	<i>Betula nigra</i>	40-80'	15-25'	s-ps	w, m	Mar-Apr; May-Jun	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			
Southern	<i>C. laevigata</i>	60-80'	40-60'	s-ps	m, d	Apr-May; Aug-Oct		x					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					
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.
American beech	<i>Fagus grandifolia</i>	50-70'	25-50'	s	m, d	Mar-May; Sep-Oct			SE, LH	124			Drought sensitive
Ash	<i>Fraxinus spp.</i>								SE, LH	121			
White, American	<i>F. americana</i>	60' to 90'+	25' to 60'	s-ps	m	Apr-May; Aug-Oct							Dioecious: need a male pollinator to get female fruit set. Best in natural areas.
Green , Red	<i>F. pennsylvanica</i>	40' to 60'+	20' to 30'	s-ps	m, d	Apr-May; Aug-Oct	x						Dioecious: need a male pollinator to get female fruit set.
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			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		

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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		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		BE, NE, LH	362			
native Plums	<i>Prunus spp.</i>								LH, BE, NE	362			Fruit edible.
Wild	<i>P. americana</i>	25-30'	25-30'	s-ps	m, d	Mar-Apr; Jun-Aug	x				2016		
Chickasaw	<i>P. angustifolia</i>	to 16'	to 10'	s-ps	m, d	Mar-Apr; Mar-July							
Carolina Cherry-laurel (e)	<i>Prunus caroliniana</i>	20-40'+	12-25'	s-ps	m, d	Mar–Apr; Sep–Oct+			BE, LH, NE	362			Seeds freely.
Oaks	<i>Quercus spp.</i>								LH,SE	488			
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					2018		
Red	<i>Q. rubra</i>	60-80'+	30-45'+	s-ps	m	Apr; Sep-Nov					2015		
Overcup	<i>Q. lyrata</i>	60-80'+	30-45'+	s-ps	w, m	Apr; Sep-Nov					2015		
Scarlet	<i>Q. coccinea</i>	50-80'	50-80'	s-ps	m, d	Apr; Sep-Nov	x				2016		
Shumard	<i>Q. shumardii</i>	80-90'	30-60'	s-ps	m, d	Apr; Sep-Nov					2016		
Black willow	<i>Salix nigra</i>	80-100'	25-40'	s	w	Mar-Apr	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 spp.</i>				m, d				SE, LH	171			
American	<i>U. americana</i>	60-100'		s-ps	m, d	Feb-Mar; Mar-Apr	x						All species may be susceptible to
Winged	<i>U. alata</i>	30-50'		s-ps	m, d	Feb-Mar; Mar-Apr							Dutch Elm disease
Shrubs													
Buckeyes	<i>Aesculus spp.</i>								LH,NE,SE	38			
Red	<i>A. pavia</i>	12-15'	12-15'	s-psh	w, m	Apr-May; Jul-Aug		x					
Painted	<i>A. sylvatica</i>	5-20'	4-10'	s-ps	m	Apr–May; Jul–Aug							
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 spp.</i>								BE, NE, LH	94			Fruits can be damaged by
Eastern	<i>A. canadensis</i>	10-20'	5-10'	s-ps	m	Mar-Apr; May-Jun							rust fungus.
Downy	<i>A. arborea</i>	20-40'	8-15'	s-ps	m, d	Mar-May; May-Aug					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 spp.</i>								BE, NE, LH	44			Need male pollinators.
Winterberry	<i>I. verticillata</i>	6-15'	6-10'	s-ps	w	Apr-Jun; Sep-Nov					2015		
Inkberry (e)	<i>I. glabra</i>	6-8'	3-6'	s-ps	w	May-Jun; Sep-Oct		x					Inkberry is drought sensitive
Deciduous	<i>I. decidua</i>	15-30'	8-15'	s-ps	w,m	Mar-May; Sep-Oct	x	x			2018		
Yaupon (e)	<i>I. vomitoria</i>	12-20'	6-12'	s-ps	w, m, d	Mar-May; Sep-Jan	x	x					Yaupon dwarf forms available

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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			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		
native Azaleas	<i>Rhododendron spp.</i>								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 spp.</i>								BE, NE, LH	53			
Smooth	<i>R. glabra</i>	to 20'	12-20'	s-psh	m, d	May-Jul; Jun-Oct	x						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						
native Roses	<i>Rosa spp.</i>								BE, NE, LH	105			
Carolina or Pasture Rose	<i>R. carolina</i>	2-3'	3-4'	s-ps	m, d	May-Jun; Aug-Oct	x						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+							
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 spp.</i>								BE, NE, LH	237	2018		More than one genetic strain
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 spp.</i>								BE, NE, LH	99			
Blackhaw	<i>V. prunifolium</i>	8-18'	6-15'	s-sh	m, d	Mar-Apr; Sep-Oct	x				2018		Need more than one genetic strain for fruit set.
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							
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 spp. (native)</i>								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 spp.</i>	2-4'	2-4'	s-ps	m, d	May-Jul; Jun-Oct		x	NE, LH	20		1992 (<i>australis</i>)	
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

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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					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			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>Eurochium fistulosum</i>	5-10'	3-4'	s-ps	w, m	Jul-Oct		x	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							
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					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</i> spp.	1.5-4'		s-ps	w, m, d	Jul-Oct			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		x	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				
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.								NE, LH	12			
Spotted Horsemint	<i>M. punctata</i>	2-3'	2'	s-ps	m,d	Jun-Jul	x	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		x					
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>Penstemon</i> spp. (native)	1-3'		s-ps	m, d	May-Jul; Jul-Aug			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					2016		
Creeping	<i>P. stolonifera</i>	6-10"		ps-sh	m	May-Jun					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					
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			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				
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				

Common name	Scientific name	Height	Width	Sun/ Shade	Soil moisture	Flower & fruit dates	Drought tolerant	Deer resistant	Benefit to Wildlife	# of caterpillars supported	NC Audubon plant of the year	NC Wild Flower of the Year	Special Notes
Goldenrods	<i>Solidago spp.</i>								NE, SE, LH	102			
Rough Wreath	<i>S. rugosa</i> <i>S. caesia</i>	2-6' 1-4'	1-3' 16-20"	s-ps ps	m, w m, d	Aug-Oct Aug-Oct	x x	x x			2017	2017	"Fireworks" is good cultivar
Stokes aster	<i>Stokesia laevis</i>	1-2'		s	m	May-Aug	x		NE				
native fall Asters	<i>Symphyotrichum spp.</i>								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			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	
Grasses and sedges													
Bluestem	<i>Andropogon spp.</i>	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 spp.</i>												
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. pennsylvanica</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		x	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

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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:		<p>No plant is deer proof but the plants marked are considered least likely to be damaged.</p> <p>Most new plants will need protection from browsing until established.</p> <p>All new trees need protection from browsing until branches are above browsing line and from buck rub until trunk diameter is at least 3 inches.</p>											
# of Caterpillars supported		This is for the entire genus rather than each species. It relates to Doug Tallamy's concept of keystone species that he recommends planting to provide the most caterpillars to support the birds											

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