

NORTH CAROLINA BOTANICAL GARDEN

THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

www.ncbg.unc.edu

Native Wildflowers for Your Garden*

Common Name	Exposure	Moisture	Butterflies & Insects	Birds & Mammals	Ground-cover
White Baneberry, <i>Actaea pachypoda</i>	pt shade-shade	moist-avg			
Nodding Onion, <i>Allium cernuum</i>	sun	avg-dry	X		
Climbing Aster, <i>Ampelaster carolinianus</i>	sun	avg-wet	X		
Sandhills Bluestar, <i>Amsonia ciliata</i>	sun-pt shade	avg	X		
Arkansas Bluestar, <i>Amsonia hubrichtii</i>	sun-pt shade	avg	X		
Eastern Bluestar, <i>Amsonia tabernaemontana</i>	sun-pt shade	avg	X		
Windflower, <i>Anemonella thalictroides</i>	pt shade-shade	avg-moist			
Eastern Columbine, <i>Aquilegia canadensis</i>	sun-shade	avg-dry	X	X	
Green Dragon, <i>Arisaema dracontium</i>	pt shade-shade	moist-avg		X	
Jack-in-the-Pulpit, <i>Arisaema triphyllum</i>	pt shade-shade	moist-avg		X	
Goat's-beard, <i>Aruncus dioicus</i>	pt shade-shade	moist-avg	X		
Wild Ginger, <i>Asarum canadense</i>	pt shade-shade	moist-avg			
Swamp Milkweed, <i>Asclepias incarnata</i>	sun	avg-wet	X		
Common Milkweed, <i>Asclepias syriaca</i>	sun	avg-dry	X		
Butterfly Milkweed, <i>Asclepias tuberosa</i>	sun	avg-dry	X		
Appalachian False Goat's-beard, <i>Astilbe biternata</i>	pt shade-shade	moist-avg			
White Wild Indigo, <i>Baptisia alba</i>	sun	avg-dry	X		
Baptisia 'Purple Smoke', <i>Baptisia hybrid</i>	sun	avg-dry	X		
Yellow Wild Indigo, <i>Baptisia sphaerocarpa</i>	sun	avg-dry	X		
Common Grass-pink, <i>Calopogon tuberosus</i>	sun	wet			
White Turtlehead, <i>Chelone glabra</i>	sun-pt shade	avg-wet	X		
Pink Turtlehead, <i>Chelone lyonii</i>	sun-pt shade	avg-wet	X		
Green-and-gold, <i>Chrysogonum virginianum</i>	sun-shade	avg-dry			X
Maryland Golden-aster, <i>Chrysopsis mariana</i>	sun	avg-dry	X		
Early Black-cohosh, <i>Cimicifuga racemosa</i>	pt shade-shade	moist-dry	X		
Eastern Spring-beauty, <i>Claytonia virginica</i>	pt shade-shade	moist-avg			
Lobed Tickseed, <i>Coreopsis auriculata</i>	pt shade-sun	avg	X		X
Lance-leaf Tickseed, <i>Coreopsis lanceolata</i>	sun	avg-dry	X		
Greater Tickseed, <i>Coreopsis major</i>	sun	avg-dry	X		
Tall Tickseed, <i>Coreopsis tripteris</i>	sun-pt shade	avg	X		
Wild Bleeding-heart, <i>Dicentra exima</i>	pt shade-shade	moist-avg	X		
Umbrella-leaf, <i>Diphylleia cymosa</i>	pt shade-shade	moist		X	
Eastern Shooting Star, <i>Dodecatheon meadia</i>	sun-pt shade	avg			
Eastern Purple-coneflower, <i>Echinacea purpurea</i>	sun	avg-dry	X	X	

Common Name	Exposure	Moisture	Butterflies &Insects	Birds& Mammals	Ground -cover
Northern Rattlesnake-master, <i>Eryngium yuccifolium</i>	sun	avg-dry	X		
American Trout-lily, <i>Erythronium americanum</i>	pt shade-shade	moist-avg			
Boneset, <i>Eupatorium perfoliatum</i>	sun	avg-wet	X	X	
Purple Joe-pye-weed, <i>Eutrochium fistulosum</i>	sun	avg-wet	X	X	
White Snakeroot, <i>Eupatorium rugosum</i>	sun-shade	avg-dry	X	X	
White Wood Aster, <i>Eurybia divaricatus</i>	pt shade-shade	avg	X		
Big-leaf Aster, <i>Eurybia macrophylla</i>	pt shade-shade	avg-dry			
Wild Geranium, <i>Geranium maculatum</i>	pt shade-shade	avg-dry	X		
Common Sneezeweed, <i>Helenium autumnale</i>	sun	avg	X		
Purple-head Sneezeweed, <i>Helenium flexuosum</i>	sun	avg	X		
Swamp Sunflower, <i>Helianthus angustifolius</i>	sun	avg-wet	X	X	
Purple-disk Sunflower, <i>Helianthus atrorubens</i>	sun	avg-dry	X	X	
Woodland Sunflower, <i>Helianthus divaricatus</i>	sun-pt shade	avg-dry	X	X	
Smooth Oxeye, <i>Heliopsis helianthoides</i>	sun-pt shade	avg-moist	X		
Sharp-lobe Liverleaf, <i>Hepatica acutiloba</i>	pt shade-shade	moist-avg			
Round-lobe Liverleaf, <i>Hepatica americana</i>	pt shade-shade	avg-moist			
American Alumroot, <i>Heuchera americana</i>	shade-pt shade	avg-moist			X
Hairy Alumroot, <i>Heuchera villosa</i>	pt shade-shade	avg-moist			
Little-brown-jug, <i>Hexastylis arifolia</i>	pt shade-shade	avg-dry			
Large-flower Heartleaf, <i>Hexastylis shuttleworthii</i>	pt shade-shade	moist-avg			
Savanna Rose-mallow, <i>Hibiscus aculeatus</i>	sun	avg-wet			
Scarlet Rose-mallow, <i>Hibiscus coccineus</i>	sun	avg-wet			
Swamp Rose-mallow, <i>Hibiscus grandiflorus</i>	sun	avg-wet			
Crimson-eyed Rose-mallow, <i>Hibiscus moscheutos</i>	sun	avg-wet			
Eastern Yellow Star-grass, <i>Hypoxis hirsuta</i>	sun-pt shade	avg			
Dwarf Crested Iris, <i>Iris cristata</i>	pt shade-shade	moist-avg			X
Dwarf Iris, <i>Iris verna</i>	pt shade-shade	moist-avg			X
Virginia Blueflag, <i>Iris virginica</i>	sun	avg-wet			
Twinleaf, <i>Jeffersonia diphylla</i>	pt shade-shade	moist-avg			
Seashore-mallow, <i>Kosteletzkya virginica</i>	sun	avg-wet	X		
Grass-leaved Blazing-star, <i>Liatris graminifolia</i>	sun-pt shade	avg	X	X	
Sessile Blazing-star, <i>Liatris spicata</i>	sun	avg-dry	X	X	
Scaly Blazing-star, <i>Liatris squarrosa</i>	sun-pt shade	avg	X	X	
Turk's Cap Lily, <i>Lilium superbum</i>	sun-pt shade	avg	X		
Cardinal-flower, <i>Lobelia cardinalis</i>	sun-pt shade	avg-wet	X	X	
Great Blue Lobelia, <i>Lobelia siphilitica</i>	sun-pt shade	avg-wet	X	X	

Common Name	Exposure	Moisture	Butterflies &Insects	Birds& Mammals	Ground -cover
Solomon's-plume, <i>Maianthemum racemosum</i>	pt shade-shade	avg-moist	X	X	
Virginia Bluebells, <i>Mertensia virginica</i>	pt shade-shade	avg-moist			
Allegheny Monkey-flower, <i>Mimulus ringens</i>	sun-pt shade	avg-wet	X		
Partridge-berry, <i>Mitchella repens</i>	pt shade-shade	moist-avg		X	X
Two-leaved Miterwort, <i>Mitella diphylla</i>	pt shade-shade	moist-avg			
Bee-balm, <i>Monarda didyma</i>	sun	avg-wet	X	X	
Eastern Horse-mint, <i>Monarda punctata</i>	sun	avg-dry	X	X	
Southern Sundrops, <i>Oenothera fruticosa</i>	sun	avg-dry	X		
Mountain-spurge, <i>Pachysandra procumbens</i>	pt shade-shade	moist-avg			X
Wild Quinine, <i>Parthenium integrifolium</i>	sun	avg-dry	X		
White Arrow-arum, <i>Peltandra sagittifolia</i>	sun	wet			
Green Arrow-arum, <i>Peltandra virginica</i>	sun	wet			
Eastern Gray Beardtongue, <i>Penstemon canescens</i>	sun-pt shade	avg	X	X	
Foxglove Beardtongue, <i>Penstemon digitalis</i>	sun-pt shade	avg	X	X	
Dissected Beardtongue, <i>Penstemon dissectus</i>	sun-pt shade	avg	X	X	
Eastern Smooth Beardtongue, <i>Penstemon laevigatus</i>	sun-pt shade	avg	X	X	
Small's Beardtongue, <i>Penstemon smallii</i>	sun-pt shade	avg	X	X	
Eastern Blue Phlox, <i>Phlox divaricata</i>	pt shade-shade	moist-avg	X		X
Creeping Phlox, <i>Phlox stolonifera</i>	pt shade-shade	moist-avg	X		X
Summer Phlox, <i>Phlox paniculata</i>	sun-pt shade	avg-wet	X		
Obedient-plant, <i>Physostegia virginiana</i>	sun	avg-wet	X	X	
May-apple, <i>Podophyllum peltatum</i>	pt shade-shade	avg-moist		X	
Rose Pogonia, <i>Pogonia ophioglossoides</i>	sun	wet			
Spreading Jacob's Ladder, <i>Polemonium reptans</i>	pt shade-shade	moist-avg	X		
King Solomon's-seal, <i>Polygonatum biflorum</i> var. <i>commutatum</i>	pt shade-shade	moist-avg	X	X	
Heartleaf Pickerelweed, <i>Pontederia cordata</i>	sun	wet			
Narrow-leaf Mountain-mint, <i>Pycnanthemum tenuifolium</i>	sun	avg-dry	X		
Orange Coneflower, <i>Rudbeckia fulgida</i>	sun	avg-dry	X	X	
Black-eyed-Susan, <i>Rudbeckia fulgida</i> var. <i>sullivantii</i>	sun		X	X	
Black-eyed-Susan, <i>Rudbeckia hirta</i>	sun	avg-dry	X	X	
Green-head Coneflower, <i>Rudbeckia laciniata</i>	sun-pt shade	avg-moist	X	X	
Brown-eyed-Susan, <i>Rudbeckia triloba</i>	sun	avg-dry	X	X	
Duck-potato, <i>Sagittaria latifolia</i> var. <i>pubescens</i>	sun	wet			
Bloodroot, <i>Sanguinaria canadensis</i>	pt shade-shade	moist-avg			
Pitcher-plant, <i>Sarracenia</i> species	sun	wet			
Lizard's-tail, <i>Saururus cernuus</i>	sun	wet			
Hoary Skullcap, <i>Scutellaria incana</i>	sun-pt sun	avg-moist	X		

Common Name	Exposure	Moisture	Butterflies &Insects	Birds& Mammals	Ground -cover
Large-flower Skullcap, <i>Scutellaria integrifolia</i>	sun-pt shade	avg-dry	X		
Heart-leaf Skullcap, <i>Scutellaria ovata</i>	sun	avg-dry	X		X
Woodland Stoncrop, <i>Sedum ternatum</i>	pt shade-shade	avg-moist	X		X
Fire-pink, <i>Silene virginica</i>	sun-pt shade	avg-dry		X	
Starry Rosinweed, <i>Silphium dentatum</i>	sun	avg-dry	X		
Cup-plant, <i>Silphium perfoliatum</i>	sun-pt shade	avg-dry	X	X	
Narrow-leaf Blue-eyed-grass, <i>Sisyrinchium angustifolium</i>	sun	avg-dry			X
Axillary Goldenrod, <i>Solidago caesia</i>	pt shade-shade	moist-avg			
Anise-scented Goldenrod, <i>Solidago odora</i>	sun	avg-dry	X	X	
Rough-leaf Goldenrod, <i>Solidago rugosa</i>	sun	avg-dry	X	X	
Showy Goldenrod, <i>Solidago speciosa</i>	sun	avg-dry	X	X	
Nodding Ladies'-tresses, <i>Spiranthes cernua</i>	sun	wet			
Stokes'-aster, <i>Stokesia laevis</i>	sun	avg-moist	X		
Eastern Silvery Aster, <i>Symphotrichum concolor</i>	sun	avg-dry	X		
New England Aster, <i>Symphotrichum novae-angliae</i>	sun	avg-dry	X		
Eastern Aromatic Aster, <i>Symphytotrichum oblongifolium</i>	sun-pt shade	avg	X		
Skunk Meadow-rue, <i>Thalictrum revolutum</i>	pt sun-shade	moist-avg			
Foamflower, <i>Tiarella cordifolia</i> var. <i>collina</i>	pt shade-shade	moist-avg	X		X
Hairy-stem Spiderwort, <i>Tradescantia hirsuticaulis</i>	sun-pt shade	avg-dry			
Catesby's Trillium, <i>Trillium catesbaei</i>	pt shade-shade	moist-avg		X	
Little Sweet Betsy, <i>Trillium cuneatum</i>	pt shade-shade	moist-avg		X	
Wake-robin, <i>Trillium erectum</i>	pt shade-shade	moist-avg		X	
Great White Trillium, <i>Trillium grandiflorum</i>	pt shade-shade	moist-avg		X	
Yellow Trillium, <i>Trillium luteum</i>	pt shade-shade	moist-avg		X	
Large-flowered Bellwort, <i>Uvularia grandiflora</i>	pt shade-shade	avg-moist			
Sessile-leaf Bellwort, <i>Uvularia sessilifolia</i>	pt shade-shade	avg-moist			
New York Ironweed, <i>Vernonia noveboracensis</i>	sun	avg-wet	X	X	
Culver's-root, <i>Veronicastrum virginicum</i>	sun-pt shade	avg			
Dooryard Violet, <i>Viola sororia</i>	pt shade-shade	moist-avg	X		X
Appalachian Barren-strawberry, <i>Waldsteinia fragarioides</i>	sun-pt shade	avg-moist			X
Yellowroot, <i>Xanthorhiza simplicissima</i>	pt sun-shade	moist			X
Adam's-needle, <i>Yucca filamentosa</i>	sun	avg-dry	X		
Common Golden Alexanders, <i>Zizia aurea</i>	sun	avg-dry	X		

Native Ferns for Your Garden*

Common Name	Exposure	Moisture
Northern Maidenhair, <i>Adiantum pedatum</i>	pt shade-shade	moist-avg
Common Ebony Spleenwort, <i>Asplenium platyneuron</i>	pt shade-shade	avg-dry
Southern Lady Fern, <i>Athyrium asplenoides</i>	pt shade-shade	moist-avg
Eastern Hay-scented Fern, <i>Dennstaedtia punctilobula</i>	pt shade-shade	avg-moist
Fancy Fern, <i>Dryopteris intermedia</i>	pt shade-shade	avg-moist
Southern Wood Fern, <i>Dryopteris ludoviciana</i>	pt shade-shade	moist-avg
Marginal Wood Fern, <i>Dryopteris marginalis</i>	pt shade-shade	avg-moist
Sensitive Fern, <i>Onoclea sensibilis</i>	pt shade-shade	moist-avg
Cinnamon Fern, <i>Osmunda cinnamomea</i>	sun-shade	avg-wet
Royal Fern, <i>Osmunda regalis</i> var. <i>spectabilis</i>	sun-shade	avg-wet
Broad Beech Fern, <i>Phegopteris hexagonoptera</i>	pt shade-shade	moist-avg
Christmas Fern, <i>Polystichum acrostichoides</i>	pt shade-shade	moist-dry
Southern Shield Fern, <i>Thelypteris kunthii</i>	sun-shade	avg-dry
New York Fern, <i>Thelypteris noveboracensis</i>	pt shade-shade	moist-avg
Blunt-lobe Cliff Fern, <i>Woodsia obtusa</i>	pt shade-shade	avg-dry
Netted Chain Fern, <i>Woodwardia areolata</i>	pt shade-shade	moist-avg
Virginia Chain Fern, <i>Woodwardia virginica</i>	pt shade-shade	moist-avg

Native Grasses, Sedges, and Rushes for Your Garden*

Common Name	Exposure	Moisture
Big Bluestem, <i>Andropogon gerardii</i>	sun	avg-dry
Bushy Bluestem, <i>Andropogon glomeratus</i>	sun	avg-wet
River-oats, <i>Chasmanthium latifolium</i>	pt shade-shade	moist-avg
Tufted Hair Grass, <i>Deschampsia cespitosa</i>	sun-pt shade	moist-avg
Bottle-brush Grass, <i>Elymus hystrix</i>	pt shade-shade	moist-avg
Purple Love Grass, <i>Eragrostis spectabilis</i>	sun	avg-wet
Hairgrass, <i>Muhlenbergia capillaris</i>	sun	avg-dry
Switchgrass, <i>Panicum virgatum</i>	sun	avg-dry
Silver Plume Grass, <i>Saccharum alopecuroidum</i>	sun	avg-dry
Bent-awn Plume Grass, <i>Saccharum contortum</i>	sun	avg-wet
Giant Plume Grass, <i>Saccharum giganteum</i>	sun	avg-wet
Common Little-bluestem, <i>Schizachyrium scoparium</i>	sun	avg-dry
Yellow Indian Grass, <i>Sorghastrum nutans</i>	sun	avg-dry
Prairie Cord Grass, <i>Spartina pectinata</i>	sun	avg-wet
Tall Redtop, <i>Tridens flavus</i>	sun-pt shade	avg-dry
Soft Rush, <i>Juncus effusus</i>	sun	avg-wet
Hairy Wood-rush, <i>Luzula acuminata</i>	pt shade-shade	avg-dry
Southern Waxy Sedge, <i>Carex glaucescens</i>	sun	avg-wet
Gray's Sedge, <i>Carex grayi</i>	sun	avg-wet
Erect Sedge, <i>Carex stricta</i>	sun	avg-wet
Broad-leaf Whitetop Sedge, <i>Rhynchospora latifolia</i>	sun	avg-wet

*Please Note: This list is based on our experience gardening in the Piedmont of North Carolina. Although we consider everything here suitable for the Southeast, not all of the plants are suitable for *all areas* of the Southeast. Most can be successfully grown in the Piedmont, but there are some that will not thrive in the more extreme conditions of the Mountains or the Coastal Plain, or in the northern or southern extremes of the region.

Nomenclature follows Alan S. Weakley, *Flora of the Carolinas, Virginia, and Georgia* (working draft of July 5, 2005).