

Appendix F of the Pinehurst Development Ordinance

Reference of Plant Species Native to the Sandhills and/or Included in Water Conserving Requirements

Listed on the following pages are plant species specifically native to the Sandhills of North Carolina, their soil moisture and light requirements, their benefit to wildlife, and example of leaf foliage. Many of these plant species can be found on lots previous to clearing and can be transplanted by the owner if their location is threatened by development. Otherwise, check with a local nursery for their availability.

Latin Name	Common Name	Soil Moisture/Light (1)	Wildlife Value(2)
Latin Name	Common Name	Soil Moisture/Light (1)	Wildlife Value(2)
Tall Trees (> 30') (Canopy)			
<i>Acer floridanum</i>	Southern Sugar Maple	M/F-S	S
<i>Acer rubrum</i>	Red Maple	W-D/F-P	S
<i>Betula nigra</i>	River Birch	W-D/F	S,L
<i>Carya glabra</i>	Pignut Hickory	D/F-S	S,L
<i>Carya ovata</i>	Shagbark Hickory	M-D/F-S	S
<i>Carya tomentosa or C. alba</i>	Mockernut Hickory	D/F-S	S,L
<i>Celtis laevigata</i>	Sugarberry	M/F-S	F,L
<i>Chamaecyparis thyoides</i>	Atlantic White Cedar	W-M/F-P	C,L
<i>Diospyros virginiana</i>	Persimmon	M-D/F-P	F,
<i>Fagus grandifolia</i>	American Beech*	M/P-S	S
<i>Ilex opaca</i>	American Holly*	W-D/F-S	C,F,N,L
<i>Juniperus virginiana</i>	Eastern Redcedar*	D/F	C,F,L
<i>Liquidambar styraciflua</i>	Sweetgum	W-M/F-P	S
<i>Liriodendron tulipifera</i>	Yellow Poplar	M/F-P	S,H,N,L
<i>Magnolia grandiflora</i>	Southern Magnolia	M/P-S	C,S
<i>Magnolia virginiana</i>	Sweetbay	W-M/F-P	S,L
<i>Nyssa sylvatica</i>	Blackgum	D/F-P	F
<i>Oxydendrum arboreum</i>	Sourwood	D/F-S	N
<i>Pinus echinata</i>	Shortleaf Pine	D/F-P	C,S,L
<i>Pinus palustris</i>	Longleaf Pine	M-D/F	C,S

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Tall Trees (> 30') (Canopy)			
<i>Pinus serotina</i>	Pond Pine	W-M/P	C,S
<i>Pinus taeda</i>	Loblolly Pine	W-D/F	C,S,L
<i>Platanus occidentalis</i>	Sycamore	W-M/F-P	S
<i>Quercus alba</i>	White Oak	M-D/F-P	S,L
<i>Quercus coccinea</i>	Scarlet Oak	D/F-P	S,L
<i>Quercus falcate</i>	Southern Red Oak	M-D/F-P	S,L
<i>Quercus michauxii</i>	Swamp Chestnut Oak	M/F-P	S,L
<i>Quercus nigra</i>	Water Oak	M-D/F-P	S,L
<i>Quercus phellos</i>	Willow Oak	W-M/F-P	S,L
<i>Quercus rubra</i>	Red Oak	M/F-P	S,L

<i>Quercus velutina</i>	Black Oak	M-D/F-P	S,L
<i>Tilia Americana</i>	Basswood	M/F-S	S,N,L
Small Trees/Shrubs (10-30 ft) (Understory)			
<i>Aesculus pavia</i>	Red Buckeye*	M/P	H
<i>Aesculus sylvatica</i>	Painted Buckeye*	M/P	H
<i>Alnus serrulata</i>	Alder	W-M/F-P	S,L
<i>Amelanchier arborea</i>	Serviceberry	M-D/F-S	F,N,L
<i>Amelanchier canadensis</i>	Juneberry	W-D/F-P	F,N,L
<i>Aralia spinosa</i>	Devil's Walking Stick*	M/F-P	F,N
<i>Asimina triloba</i>	Pawpaw*	M/F-S	F,L
<i>Carpinus caroliniana</i>	Ironwood	W-M/P-S	S,L
<i>Castanea pumila</i>	Chinquapin	D/F-P	S
<i>Celtis laevigata</i>	Hackberry	D/F-P	F,L
<i>Cercis canadensis</i>	Eastern redbud	M-D/F-P	S,N
<i>Cornus floridana</i>	Flowering Dogwood	M-D/F-P	F,N,L
<i>Cyrilla racemiflora</i>	Titi	W-M/F-S	C,N
<i>Halesia carolina</i>	Carolina Silverbell	M/P-S	N
<i>Hamamelis virginiana</i>	Witch-hazel	M/F-S	S

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Small Trees/Shrubs (10-30 ft) (Understory)			
<i>Ilex deciduas</i>	Possumhaw*	W-D/F-P	F,N,L
<i>Ilex verticillata</i>	Winterberry*	W-M/F-S	F,N,L
<i>Ilex vomitoria</i>	Yaupon*	W-D/F-S	C,F,N,L
<i>Morus rubra</i>	Red Mulberry*	M-D/F-S	F,L
<i>Myrica cerifera</i>	Wax Myrtle	W-D/F-P	C,F,L
<i>Ostrya virginiana</i>	Hophornbeam	M-D/F-S	F,L
<i>Prunus angustifolia</i>	Chickasaw Plum*	D/F	F,N,L
<i>Prunus caroliniana</i>	Carolina Laurel Cherry*	M-D/F-P	C,F,N
<i>Rhus copallina</i>	Winged Sumac	M-D/F-P	F,N,L
<i>Sambucus canadensis</i>	Elderberry*	W-M/F-P	F
<i>Sassafras albidum</i>	Sassafras	M-D/F-P	F,L
<i>Symplocos tinctoria</i>	Sweetleaf	M-D/F-S	S,N,L
<i>Viburnum rufidulum</i>	Rusty Blackhaw	D/F-S	F,L
Vines			
<i>Ampelopsis arborea</i>	Peppervine*	W-M/F-P	F
<i>Bignonia capreolata</i>	Crossvine	M-D/F-P	H
<i>Campsis radicans</i>	Trumpet creeper*	M-D/F-P	H
<i>Centrosema virginianum</i>	Spurred Butterfly Pea	D/F-P	S,N,L
<i>Clitoria marina</i>	Butterfly Pea	D-F-P	S,N,L
<i>Desmodium nudiflorum</i>	Naked Tick-trefoil	D/F-P	S,N,L
<i>Desmodium strictum</i>	Pine Barren Tick-trefoil	D/F-P	S,N,L
<i>Desmodium tortuosum</i>	Tick-trefoil	D/F-P	S,N,L
<i>Gelsemium sempervirens</i>	Carolina Jessamine*	M/F-P	H,N
<i>Lonicera sempervirens</i>	Coral Honeysuckle	M/F-P	H

<i>Parthenocissus quinquefolia</i>	Virginia Creeper*	M-D/F-S	F
<i>Passiflora incarnata</i>	Passionflower	M-D/F-P	H,N,L
<i>Smilax spp.</i>	Greenbrier	W-D/F-P	C,F
<i>Vitis spp.</i>	Grape	W-D/F-P	F

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Ferns			
<i>Polystichum acrostichoides</i>	Christmas Fern	M/S-P	C
<i>Osmunda cinnamomea</i>	Cinnamon Fern	W-M/S-P	C,L
Herbs and Wildflowers			
<i>Apocynum cannabinum</i>	Hemp Dogbane*	M-D/F-P	N
<i>Aquilegia canadensis</i>	Columbine	M-D/P-S	S,H,N
<i>Arisaema triphyllum</i>	Jack-in-the-Pulpit*	W-M/P-S	F
<i>Asclepias amplexicaulis</i>	Clasping Milkweed	D/F-P	N,L
<i>Asclepias incarnata</i>	Swamp Milkweed*	W-M/F-P	N,L
<i>Asclepias tomentosa</i>	Sandhills Milkweed	D/F-P	N,L
<i>Asclepias tuberosa</i>	Butterfly Weed*	D/F-P	N,L
<i>Asclepias variegata</i>	White Milkweed*	M-D/F-P	N,L
<i>Baptisia tinctoria</i>	Yellow Wild Indigo*	D/F-P	L
<i>Carphephorus bellidifolius</i>	Sandy-woods Chaffhead	D/F-P	N,L
<i>Ceanothus americanus</i>	New Jersey Tea	M-D/F-P	S,N,L
<i>Chamaecrista fasciculata</i>	Partridge Pea*	M-D/F	S,L
<i>Cirsium horridulum</i>	Yellow Thistle	M-D/F	S,H,N,L
<i>Cirsium repandum</i>	Sandhills Thistle	M-D/F-P	S,H,N,L
<i>Coreopsis angustifolia</i>	Narrow-leaved Coreopsis	M/F-P	S,N
<i>Coreopsis auriculata</i>	Eared Coreopsis	M/F-P	S,N
<i>Coreopsis lanceolata</i>	Lance-leaved Coreopsis	D/F	S,N
<i>Coreopsis verticillata</i>	Threadleaf Coreopsis	D/F-P	S,N
<i>Desmodium spp.</i>	Beggarlice	M-D/F-P	S,L
<i>Eupatorium fistulosum</i>	Joe-pye-weed	M/F	S,N,L
<i>Euphorbia corollata</i>	Flowering Spurge	M-D/F-P	S,N
<i>Gentiana autumnalis</i>	Pine Barrens Gentian	D/F-P	N
<i>Helianthus angustifolius</i>	Swamp Sunflower	W-M/F	S,N
<i>Heliopsis helianthoides</i>	Ox-eye	M-D/F-P	S,N
<i>Hibiscus moscheutos</i>	Rose Mallow	M/F-P	H,N

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Herbs and Wildflowers			
<i>Houstonia caerulea</i>	Bluets	M-D/F-S	N
<i>Hypericum hypericoides</i>	St. Andrew's Cross	D-M/F-P	S,N
<i>Impatiens capensis</i>	Jewelweed	W-M/P-S	H,N

<i>Ipomea coccinea</i>	Red Morning Glory	D/F	S,H,N
<i>Ipomea purpurea</i>	Common Morning Glory	D/F	S,H,N
<i>Ipomopsis rubra</i>	Standing Cypress	D/F	H,N
<i>Iris cristata</i>	Crested Iris*	M/P-S	H
<i>Iris verna</i>	Dwarf Iris	M-D/F-P	H
<i>Liatris graminifolia</i>	Grass-leaf Gayfeather	D/F-P	N,L
<i>Liatris regimontis</i>	Blue Ridge Gayfeather	D/F-P	N,L
<i>Liatris spicata</i>	Blazing Star	W-M/F	N
<i>Lobelia cardinalis</i>	Cardinal Flower*	W-M/F-S	H,N
<i>Lobelia puberula</i>	Blue Lobelia*	W-D/F-P	H,N
<i>Mitchella repens</i>	Partridgeberry	M/F-S	F
<i>Monarda punctata</i>	Horsemint	D/F-P	H,N
<i>Oenothera fruticosa</i>	Sundrops	M-D/F-P	S,H,N
<i>Penstemon canescens</i>	Hairy Beardtongue	M-D/F-P	H,N,L
<i>Penstemon laevigatus</i>	Smooth Beardtongue	M/F-S	H,N,L
<i>Phlox Carolina</i>	Carolina Phlox	W-D/F-P	N
<i>Phlox divaricata</i>	Blue Phlox	M/P-S	N
<i>Phlox pilosa</i>	Prairie Phlox	D/F-P	N
<i>Phlox subulata</i>	Moss Pink	D/F	N
<i>Phytolacca americana</i>	Pokeweed*	M-D/F	F,S
<i>Rudbeckia fulgida</i>	Orange Coneflower	M/F	S,N
<i>Rudbeckia hirta</i>	Black-eyed Susan	M-D/F	S,N
<i>Salvia lyrata</i>	Lyreleaf Sage	M-D/F-S	H,N
<i>Silene virginica</i>	Fire Pink	M-D/P-S	S,H,N
<i>Solidago spp.</i>	Goldenrod	M-D/F-P	S,N
<i>Stillingia sylvatica</i>	Queen's Root	D/F-P	S,N
<i>Tephrosia virginiana</i>	Goat's Rue	D/F-P	S,L
<i>Vicia caroliniana</i>	Wood Vetch	D/F-P	S,L
<i>Viola pedata</i>	Bird-foot Violet	D/F-P	L
<i>Viola primulifolia</i>	Primrose-leaved Violet	D/F-P	N,L
Grasses			
<i>Andropogon glomeratus</i>	Brushy Bluestem	M/F	C,S,L
<i>Andropogon ternarius</i>	Splitbeard Bluestem	D/F	C,S,L
<i>Aristida stricta</i>	Wiregrass	D/F-P	C,S
<i>Arundinaria gigantea</i>	Switchcane	W-D/F-S	C,S,L
<i>Panicum virgatum</i>	Switchgrass	M/F-P	C,S,L

1 Soil moisture: W = wet; M = moist; D = dry/Light requirements: F = full sun; P = partial shade; S = shade.

2 Wildlife Value: C = winter cover; F = fleshy fruit; S = hard mast, seed or catkin; H = Hummingbird nectar; N = butterfly and other insect nectar; L = butterfly larvae host plant.

* Leaves, twigs, stems, flowers, nectar, fruits or seeds mildly to severely toxic to humans if ingested.

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