

Sandhill Name	Plot Code	Survey Date	County	§ Coord For	Y Coord	X Coord	Datum
Vogle	VOGL01	10/14/2008	Burke	Lat/Long	33.1591	81.77444	NAD83
Vogle	VOGL02	10/14/2008	Burke	Lat/Long	33.15693	81.77942	NAD83
Vogle	VOGL03	10/14/2008	Burke	Lat/Long	33.15361	81.78626	NAD83
Vogle	VOGL04	10/14/2008	Burke	Lat/Long	33.15272	81.78359	NAD83
Vogle	VOGL05	10/14/2008	Burke	Lat/Long	33.13191	81.7378	NAD83
Vogle	VOGL06	10/14/2008	Burke	Lat/Long	33.128	81.72984	NAD83

Slope	Aspect	Topographic position	Soil Texture
Gentle (0-5°/1-9%)	SE (113-157°)	Midslope	Sand
Gentle (0-5°/1-9%)	S (158-202°)	Midslope	Sand
Moderate (6-14°/10-25%)			Sand
Gentle (0-5°/1-9%)	E (68-112°)		Sand
Flat (0°/0%)	Flat		Sand
Flat (0°/0%)	Flat		Sand

Drainage	Qualitative Assessment
Rapidly drained	Open, high quality mature longleaf burned last winter. Highest quality site on Vogle(JBJ observation), lots of herbaceous diversity.
Well drained	Planted longleaf ~15 yrs old. Not burned in recent past. Lots of leaf litter, weedy but diverse groundcover.
Well drained	Longleaf pine,mixed age classes. Fairly open canopy. Understory dominated by Pteridium. Abundant pine needle litter.
Well drained	Planted longleaf (1993). Canopy pretty closed, little herbaceous understory. Seed trees left, lots of LL regen.
Well drained	Cutover & planted in past, weedy, evidence of soil disturbance. Planted w/ loblolly, but natural gen of longleaf evident.
Well drained	Longleaf pine restoration area. Planted longleaf ~5 yrs old, and looks to have planted wiregrass.

Vogle Property, Burke County

of Plots

6

Dominant Species	Common name	Plot #
<i>Andropogon gyrans</i>	Elliott's bluestem	5, 6
<i>Andropogon ternarius</i>	splitbeard bluestem	5
<i>Andropogon virginicus</i>	broomsedge	2, 5
<i>Aristida beyrichiana</i>	wiregrass	6
<i>Aristida longespica</i>	slimspike threeawn	5
<i>Crataegus</i> sp.	hawthorn	2, 4
<i>Diospyros virginiana</i>	persimmon	1, 2, 3, 4, 5
<i>Eupatorium compositifolium</i>	yankeeweed	4, 6
<i>Galactia volubilis</i>	downy milkpea	3
<i>Gaylussacia dumosa</i>	dwarf huckleberry	3, 4
<i>Liatris elegans</i>	pinkscale blazing star	1
<i>Nolina georgiana</i>	Georgia beargrass	1, 3
<i>Pinus palustris</i>	longleaf pine	1, 2, 3, 4, 5, 6
<i>Pinus taeda</i>	loblobby pine	5
<i>Prunus serotina</i>	black cherry	4
<i>Pteridium aquilinum</i>	western brackenfern	3
<i>Quercus falcata</i>	southern red oak	6
<i>Quercus hemisphaerica</i>	Darlington oak	5, 6
<i>Quercus incana</i>	bluejack oak	2, 5
<i>Quercus laevis</i>	turkey oak	2, 3
<i>Quercus margarettae</i>	sand post oak	1
<i>Rhus copallinum</i>	winged sumac	4
<i>Rubus cuneifolius</i>	sand blackberry	2, 4, 6
<i>Sassafras albidum</i>	sassafras	1
<i>Schizachyrium scoparium</i>	little bluestem	1
<i>Solidago odora</i>	anise goldenrod	1, 5, 6
<i>Sorghastrum secundum</i>	lopsided Indiangrass	1, 2
<i>Tephrosia virginiana</i>	goat's rue	4
<i>Toxicodendron pubescens</i>	poison oak	1, 2, 3, 4
<i>Vaccinium arboreum</i>	sparkleberry	5
<i>Vaccinium stamineum</i>	deerberry	2, 3, 4, 5

Vogle Property, Burke County

Total Species found

Plant species	Common name	Site quality indicators
Agalinis sp.	purple foxglove	
Ampelopsis arborea	peppervine	
Amphicarpaea bracteata	American hogpeanut	
Andropogon gyrans	Elliott's bluestem	+
Andropogon ternarius	splitbeard bluestem	
Andropogon virginicus	broomsedge	-
Aristida beyrichiana	wiregrass	+
Aristida longespica	slimspike threeawn	
Aristida purpurascens	arrowfeather threeawn	
Aristolochia serpentaria	VA snakeroot	+
Asclepias tuberosa	butterfly milkweed	
Aster sp.	aster	
Astragalus michauxii	sandhills milkvetch	+
Aureolaria pectinata	combleaf false foxglove	+
Baptisia lanceolata	gopherweed	+
Baptisia perfoliata	catbells	+
Bulbostylis ciliatifolia	hairsedge	
Callicarpa americana	American beautyberry	
Carya pallida	sand hickory	
Celtis tenuifolia	dwarf hackberry	
Centrosema virginianum	spurred butterfly pea	
Chamaecrista fasciculata	partridge pea	
Chasmanthium sp.	wood oats	
Chionanthus virginicus	white fringetree	
Chrysopsis gossypina	cottony goldenaster	+
Clitoria mariana	pigeonwings	
Cnidioscolus urens var. stimulosus	finger rot, bull nettle	
Commelina erecta	whitemouth dayflower	
Conoclinium sp.	mistflower	
Coreopsis major	greater tickseed	
Cornus florida	dogwood	
Crataegus sp.	hawthorn	
Cyperus sp.	flatsedge	
Desmodium sp.	tick trefoil	
Dichanthelium commutatum	variable panicgrass	
Dichanthelium sp.	witch-grass	
Diodia teres	poorjoe	
Diospyros virginiana	persimmon	
Dyschoriste oblongifolia	blue twinflower	+
Eragrostis sp.	love-grass	
Eriogonum tomentosum	dogtongue buckwheat	+
Eupatorium compositifolium	yankeeweed	-
Eupatorium hyssopifolium	hyssopleaf eupatorium	
Euphorbia corollata	flowering spurge	
Euphorbia ipecacuanhae	American ipecac	+

Vogle Property, Burke County

Total Species found

Plant species	Common name	Site quality indicators
<i>Galactia volubilis</i>	downy milkpea	
<i>Galium</i> sp.	bedstraw	
<i>Gaylussacia dumosa</i>	dwarf huckleberry	
<i>Gelsemium sempervirens</i>	Carolina jessamine	
<i>Gnaphalium</i> sp.	rabbit-tobacco	
<i>Gymnopogon</i> sp.	skeleton-grass	
<i>Helianthemum carolinianum</i>	Carolina frostweed	
<i>Helianthus</i> sp.	sunflower	
<i>Hieracium gronovii</i>	hawkweed	
<i>Hypericum gentianoides</i>	pinweed	
<i>Hypericum hypericoides</i>	St. Andrew's cross	
<i>Indigofera caroliniana</i>	Carolina indigo	+
<i>Ionactis linariifolius</i>	flaxleaf whitetop aster	+
<i>Juniperus virginiana</i>	eastern redcedar	
<i>Lactuca canadensis</i>	Canada lettuce	
<i>Lechea</i> sp.	pinweed	
<i>Lespedeza cuneata</i>	sericea lespedeza	-
<i>Lespedeza hirta</i>	hairy lespedeza	
<i>Lespedeza repens</i>	creeping lespedeza	
<i>Lespedeza</i> sp.	lespedeza	
<i>Liatris elegans</i>	pinkscale blazing star	+
<i>Liatris pilosa</i>	shaggy blazing star	+
<i>Liatris</i> sp.	blazing star	+
<i>Licania michauxii</i>	gopher apple	+
<i>Ligusticum canadense</i>	Canadian licorice-root	
<i>Liquidambar styraciflua</i>	sweetgum	-
<i>Mimosa microphylla</i>	littleleaf sensitivebriar	
<i>Minuartia caroliniana</i>	pinebarren switchwort	+
<i>Muhlenbergia</i> sp.	muhly-grass	
<i>Nolina georgiana</i>	Georgia beargrass	+
<i>Nyssa sylvatica</i>	blackgum	-
<i>Opuntia humifusa</i>	spreading prickly pear	
<i>Paspalum</i> sp.	crown-grass	
<i>Pinus echinata</i>	shortleaf pine	
<i>Pinus elliotii</i>	slash pine	-
<i>Pinus palustris</i>	longleaf pine	+
<i>Pinus taeda</i>	loblobby pine	-
<i>Pityopsis graminifolia</i>	narrowleaf goldenaster	
<i>Polygonella polygama</i>	October flower	
<i>Polypremum procumbens</i>	juniperleaf, rust weed	-
<i>Prunus serotina</i>	black cherry	
<i>Prunus</i> sp.	plum	
<i>Pteridium aquilinum</i>	western brackenfern	-
<i>Quercus falcata</i>	southern red oak	
<i>Quercus hemisphaerica</i>	Darlington oak	

Vogle Property, Burke County

Total Species found

Plant species	Common name	Site quality indicators
Quercus incana	bluejack oak	
Quercus laevis	turkey oak	+
Quercus margarettae	sand post oak	+
Quercus nigra	water oak	-
Quercus velutina	black oak	
Rhus copallinum	winged sumac	
Rhynchosia reniformis	dollarleaf	+
Rubus cuneifolius	sand blackberry	
Rubus sp.	blackberry	
Saccharum sp.	plume-grass	
Salvia azurea	azure blue sage	+
Sassafras albidum	sassafras	
Schizachyrium scoparium	little bluestem	+
Scleria sp.	nut-rush	
Sericocarpus tortifolius	Dixie whitetop aster	+
Setaria sp.	foxtail grass	
Silphium compositum	kidneyleaf rosinweed	+
Smilax auriculata	dune greenbrier	
Smilax bona-nox	catbrier	
Smilax glauca	whiteleaf greenbrier	-
Solidago odora	anise goldenrod	
Sonchus asper	spiny sowthistle	
Sorghastrum secundum	lopsided Indiangrass	+
Sporobolus junceus	pineywoods dropseed	
Sporobolus sp.	dropseed	
Stillingia sylvatica	Queen's delight	+
Stylisma patens	coastal plain dawnflower	+
Styloдон carneus	Carolina false vervain	+
Stylosanthes biflora	sidebeak pencilflower	
Symphyotrichum adnatum	scaleleaf aster	+
Symphyotrichum dumosum	rice button aster	
Symplocos tinctoria	sweetleaf/ horse sugar	
Tephrosia virginiana	goat's rue	
Toxicodendron pubescens	poison oak	
Tragia urens	wavyleaf noseburn	
Trichostema sp.	bluecurls	
Triplasis americana	perennial sandgrass	
Vaccinium arboreum	sparkleberry	
Vaccinium elliotii	Elliott's blueberry	
Vaccinium myrsinites	shiny blueberry	+
Vaccinium stamineum	deerberry	
Vernonia angustifolia	tall ironweed	+
Vernonia sp.	wingstem	
Viola sp.	violet	
Vitis rotundifolia	muscadine	

Vogle Property, Burke County

Total Species found

Plant species	Common name	Site quality indicators
Wahlenbergia marginata	southern rockbell	-

Sandhills characteristic plants	Status	Plot	
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~	State Threatened		
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Sandhills characteristic plants	Status	Plot	