

Aiken County:

This county, one of the largest in the state, being on the fall line between the piedmont and coastal plain, consists of sandhills and Savannah River flood plain. This has created an interesting geology and topography, giving natural history sites that have developed some unique flora and fauna. These habitats have protected several rare or endangered reptiles and amphibians, such as gopher tortoise, bird-voiced treefrog, and Florida green water snake, plus many plants and several mammals.



Sites Visited:

Aiken Gopher Tortoise Heritage Preserve	11/16/2002
Henderson Heritage Preserve	03/23/1997
Hitchcock Woods	06/27/1998 and 10/22/2005
Savannah River Bluffs Heritage Preserve	06/24/2000
Savannah River Site	09/28/1999

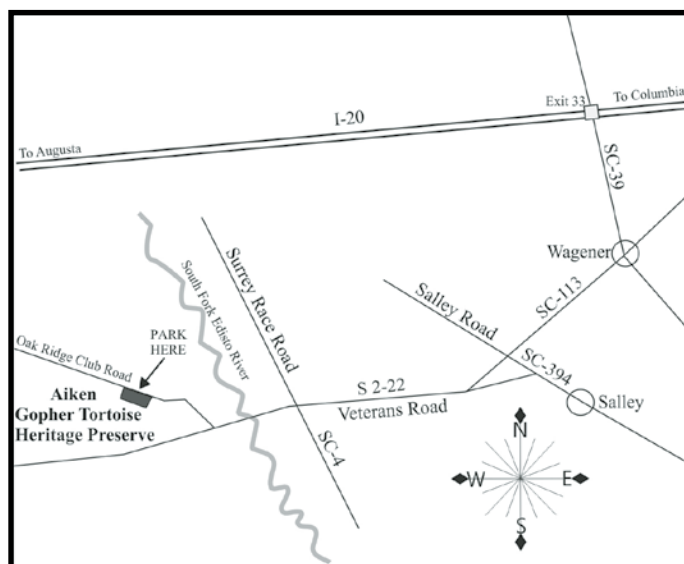
Aiken Gopher Tortoise Heritage Preserve

11/16/2002

Rain rarely slows SCAN members on a field trip. This trip was the classic 'walk in the rain'. Thanks to the chairman of the preserve's Stewardship Committee, Jimmy Sizemore, gopher tortoise burrows were observed, but sadly no tortoises were braving the rain to greet us. They require a specialized habitat that requires regular burning to maintain things to their satisfaction. Looking across the preserve one could see the predominance of grasses. This regular controlled burning renews the favorite food of the gopher tortoise, grasses and prickly pear cactus in the longleaf pine-wiregrass habitat, while keeping the shrubby woody plants in check. The few low woody plants were covered thickly with lichens lending a very eerie gray look on this rainy November day.

This dry sandy nutrient poor sandhills habitat limits the plant diversity to plants adapted to conserving water. Wiregrass and prickly pear cactus along with the longleaf pines are classic examples. It also is ideal for a gopher tortoise to dig extensive burrows up to 10 feet deep and thirty feet in length. Several rare snakes also utilize these cool burrows including the southern hognose and eastern diamondback rattlesnake.

Directions: From Wagener, take SC- 113 southwest to the stop sign at SC-394. Continue straight across to the end where you bear right onto S 2-22. Continue on S 2-22 until you cross the South Edisto River. In 300 yards turn right onto Oak Ridge Club Road (unpaved). Go approximately one mile to a parking area on the left.



**Aiken Gopher Tortoise
Heritage Preserve
Aiken County, SC
11/16/2002**

LICHENS

Cladonia sp.

FLORA

Bracken

Pteridium aquilinum

Ebony Spleenwort

Asplenium platyneuron

Longleaf Pine

Pinus palustris

Pond Pine

Pinus serotina

Savanna Hairsedge

Bulbostylis ciliatfolia

Carolina Wiregrass

Aristida stricta

Seabeach Needlegrass

Aristida tuberculosa

Sandhills Dropseed

Sporobolus junceus

Southern Sandgrass

Triplasis americana

Georgia Beargrass

Nolina georgiana

Whiteleaf Greenbrier

Smilax glauca

Tulip-tree

Liriodendron tulipifera

Sweetbay

Magnolia virginiana

Red Bay

Persea borbonia

Sassafras

Sassafras albidum

Mockernut Hickory <i>Carya alba</i>	Dwarf Huckleberry <i>Gaylussacia dumosa</i>	Winged Sumac <i>Rhus copallinum</i>	FAUNA
Common Wax-myrtle <i>Morella cerifera</i>	Maleberry; Hehuckleberry <i>Lyonia ligustrina</i>	Eastern Poison Ivy <i>Toxicodendron radicans</i>	Banded Garden Spider <i>Argiope trifasciata</i>
Bluejack Oak <i>Quercus incana</i>	Sparkleberry <i>Vaccinium arboreum</i>	Dawnflower <i>Stylisma</i> sp.	Green Lynx Spider (juvenile) <i>Peucetia viridans</i>
Turkey Oak <i>Quercus laevis</i>	Smooth Highbush Blueberry <i>Vaccinium corymbosum</i>	Purple-foxtail <i>Agalinis</i> sp.	Boll's Sand Grasshopper <i>Spharagemon bolli</i>
Sand Post Oak <i>Quercus margaretta</i>	Deerberry <i>Vaccinium stamineum</i>	Poorjoe <i>Diodia teres</i>	Differential Grasshopper <i>Melanoplus differentialis</i>
Common Pokeweed <i>Phytolacca americana</i>	American Persimmon <i>Diospyros virginiana</i>	Sandhill Chaffhead <i>Carphephorus bellidifolius</i>	Florida Harvester Ant <i>Pogonomyrmex badius</i>
Prickly-pear <i>Opuntia humifusa</i>	Blackberry; Raspberry <i>Rubus</i> sp.	Thistle <i>Cirsium</i> sp.	Ailanthus Webworm Moth <i>Atteva punctella</i>
Carolina Sandwort <i>Minuartia caroliniana</i>	Gopher-apple <i>Licania michauxii</i>	Common Camphorweed <i>Heterotheca latifolia latifolia</i>	Gopher Tortoise (nest) <i>Gopherus polyphemus</i>
Sandhill Wild-buckwheat <i>Eriogonum omentosum</i>	Honesty-weed; Rattleweed <i>Baptisia tinctoria</i>	Beaked Hawkweed <i>Hieracium gronovii</i>	American Crow; Common Crow <i>Corvus brachyrhynchos</i>
Jointweed <i>Polygonella americana</i>	Summer Farewell <i>Dalea pinnata pinnata</i>	Blazing-star <i>Liatris tenuifolia</i>	Brown-headed Nuthatch <i>Sitta pusilla</i>
St.-John's-wort <i>Hypericum stragulum</i>	Virginia Goat's-rue <i>Tephrosia virginiana</i>	Grass-leaved Golden-aster <i>Pityopsis aspera adenolepis</i>	Eastern Bluebird <i>Sialia sialis</i>
Pinweed <i>Lechea</i> sp.	Big Gallberry <i>Ilex coriacea</i>	Fragrant Rabbit-tobacco <i>Pseudognaphalium obtusifolium</i>	Dark-eyed Junco <i>Junco hyemalis</i>
Primrose-leaf Violet <i>Viola primulifolia</i>	Little Gallberry; Inkberry <i>Ilex glabra</i>	Ironweed <i>Vernonia angustifolia</i>	Boat-tailed Grackle <i>Quiscalus major</i>
Yellow Passionflower <i>Passiflora lutea lutea</i>	Muscadine; Scuppernong <i>Vitis rotundifolia rotundifolia</i>	Witches'-butter <i>Tremella mesenterica</i>	American Goldfinch <i>Carduelis tristis</i>
Ti-ti <i>Cyrilla racemiflora</i>	Red Maple <i>Acer rubrum</i>	Collybia (mushroom) <i>Collybia</i> sp.	
Coastal Sweet Pepperbush <i>Clethra alnifolia</i>			

Henderson Heritage Preserve

03/23/1997

Acquired and dedicated to protect a longleaf pine-scrub oak sandhills ecosystem, Henderson Heritage Preserve was established in 1993 when Rosetta Miller donated 197.5 acres to the heritage trust program. It was named in honor of her great-grandfather, Frank P. Henderson. Since then additional acreage has been added to increase the area protected to 417 acres.

In the period between the Wisconsin glaciation, about 12,000 years ago and the early European settlement, the longleaf pine ecosystem became the dominant, though fire dependent, ecosystem in the southeastern United States, originally about 60 to 90 million acres. Thanks to short-sighted practices since then of suppressing fire and clear cutting with no restoration, only about three million acres remain. This preserve is now regularly burned to mimic nature and restore this habitat. The overstory is longleaf pine, with turkey oak as the midstory. The understory has several species of wire grass, rosemary, trailing arbutus, and blueberry among others. There is a pond that was partially drained this day, which gave a wealth of insects taking advantage of the damp habitat.

Directions: From I-20 near Aiken, take Exit 18 and follow S-19 south toward Aiken. Drive about 1.5 miles and turn right beside Aiken Memorial Cemetery onto Mayfield Road; drive 0.5 miles. The preserve is on both sides of the road. Park in the parking area adjacent to the second kiosk or along the road where there is room to pull off safely.

Henderson Heritage Preserve
Aiken Co., SC
March 23, 1997

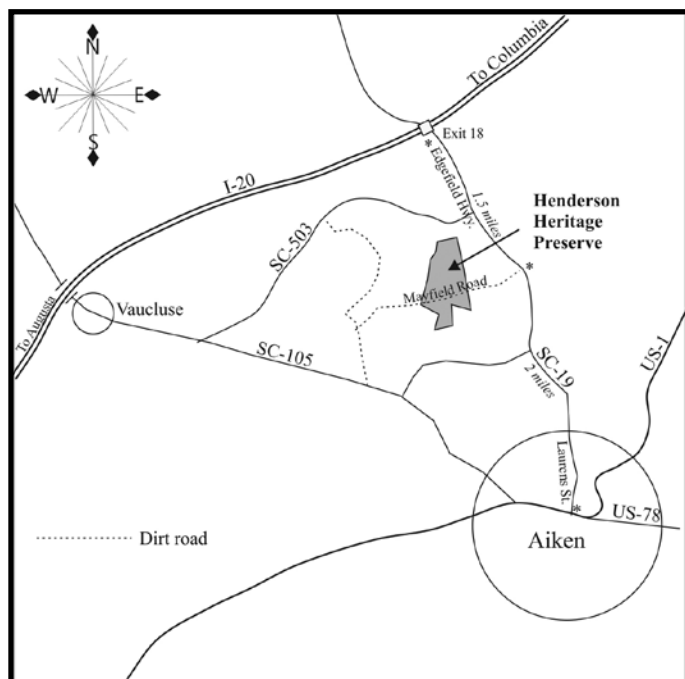
LICHENS

Cladonia sp.

FLORA

Cinnamon Fern
Osmunda cinnamomea
Bracken
Pteridium aquilinum
Netted Chain Fern
Woodwardia areolata
Ebony Spleenwort
Asplenium platyneuron
Resurrection Fern
Pleopeltis polypodioides michauxiana

Shortleaf Pine
Pinus echinata
Longleaf Pine
Pinus palustris
Loblolly Pine
Pinus taeda
Yellow-eyed Grass
Xyris sp.
Bogmoss
Mayaca fluviatilis
Threeway Sedge
Dulichium arundinaceum arundinaceum
Woolgrass Bulrush
Scirpus cyperinus
Three-awn Grass
Aristida sp.
Giant Cane
Arundinaria gigantea
Whiteleaf Greenbrier
Smilax glauca



Bamboo-vine
Smilax laurifolia
Crane-fly Orchid
Tipularia discolor
Southern Magnolia
Magnolia grandiflora
Sweetbay
Magnolia virginiana
Red Bay
Persea borbonia
Sassafras
Sassafras albidum
Broadleaf Pondlily
Nuphar advena
White Water-lily
Nymphaea odorata odorata
Water-shield
Brasenia schreberi
Sweet Gum
Liquidambar styraciflua
Pignut Hickory
Carya glabra
Pocosin Bayberry
Morella carolinensis
Common Wax-myrtle
Morella cerifera
Southern Red Oak
Quercus falcata
Turkey Oak
Quercus laevis
Laurel Oak
Quercus laurifolia
Sand Post Oak
Quercus margaretta
Water Oak
Quercus nigra
Willow Oak
Quercus phellos
Black Oak
Quercus velutina
Tag Alder
Alnus serrulata
Common Pokeweed
Phytolacca americana

Prickly-pear
Opuntia humifusa
Carolina Sandwort
Minuartia caroliniana
Jointweed
Polygonella americana
St.-John's-wort
Hypericum sp.
Bird's-foot Violet
Viola pedata
Primrose-leaf Violet
Viola primulifolia
Black Willow
Salix nigra
Ti-ti
Cyrtilla racemiflora
Rosemary
Ceratiola ericoides
Spotted Wintergreen
Chimaphila maculata
Trailing Arbutus
Epigaea repens
Mountain Laurel
Kalmia latifolia
Coastal Doghobble
Leucothoe axillaris
Maleberry
Lyonia ligustrina
Shining Fetterbush
Lyonia lucida
Sourwood
Oxydendrum arboreum
Sparkleberry
Vaccinium arboreum
Smooth Highbush Blueberry
Vaccinium corymbosum
Elliott's Blueberry
Vaccinium elliotii
American Persimmon
Diospyros virginiana
Silverbell
Halesia tetraptera
Horsesugar
Symplocos tinctoria

Virginia-willow
Itea virginica
Red Chokeberry
Aronia arbutifolia
Hawthorn
Crataegus sp.
Carolina Laurel Cherry
Prunus caroliniana
Black Cherry
Prunus serotina serotina
Blackberry
Rubus sp.
Lupine
Lupinus sp.
Parrot-feather
Myriophyllum aquaticum
Water-willow
Decodon verticillatus
Meadow-beauty
Rhexia sp.
Flowering Dogwood
Cornus florida
Swamp Tupelo
Nyssa biflora
American Bistletoe
Phoradendron serotinum serotinum
Little Gallberry
Ilex glabra
American Holly
Ilex opaca opaca
Carolina Ipecac
Euphorbia ipecacuanhae
Virginia-creeper
Parthenocissus quinquefolia
Muscadine
Vitis rotundifolia rotundifolia
Red Maple
Acer rubrum
Winged Sumac
Rhus copallinum
Eastern Poison Ivy
Toxicodendron radicans radicans
Chinaberry
Melia azedarach
Devil's-walking-stick
Aralia spinosa
Carolina Jessamine
Gelsemium sempervirens
Common Toadflax
Nuttallanthus canadensis
Bladderwort
Utricularia sp.
Common Elderberry
Sambucus canadensis
Southern Wild Raisin
Viburnum nudum
Grass-leaved Golden-aster
Pityopsis aspera adenolepis
Black-knot
Apiosporina morbosa

FAUNA

Bowl-and-doily Spider
Frontinella pyramitella
Six-spotted Fishing Spider
Dolomedes triton

Crested Pygmy Grasshopper
Nomotettix cristatus compressus
Boll's Sand Grasshopper
Spharagemon bolli
Cattail Toothpick Grasshopper
Leptysma marginicollis
American Bird Grasshopper
Schistocerca americana
Mischievous Bird Grasshopper
Schistocerca damnifica
Katydid (egg)
Microcentrum sp.
Cricket
Gryllus fultoni
Bush Cricket
Anaxipha sp.
Dobsonfly
Corydalis cornutus
Florida Harvester Ant
Pogonomyrmex badius
Florida Carpenter Ant
Camponotus abdominalis
Red Carpenter Ant
Camponotus castaneus
Ashy Clubtail (dragonfly)
Gomphus lividus
Common Baskettail
Tetragoneuria cynosura
Baskettail Dragonfly (larva)
Tetragoneuria sp.
Ornate Pennant (dragonfly)
Celithemis ornata
Little Blue Dragonlet
Erythrodiplax minuscula
Common Whitetail (damselfly)
Plathemis lydia
Fragile Forktail (damselfly)
Ischnura posita
Citrine Forktail (damselfly)
Ischnura hastata
Whirligig Beetle
Dineutus horni
Eastern Tiger Swallowtail
Papilio glaucus
Spicebush Swallowtail
Papilio troilus
Palamedes Swallowtail
Papilio palamedes
Sleepy Orange (butterfly)
Eurema nicippe
Mourning Cloak
Nymphalis antiopa
Silver-spotted Skipper
Epargyreus clarus
Juvenal's Duskywing
Erynnis juvenalis
Eastern Tent Caterpillar
Malacosoma americanum
Mummichog (fish)
Fundulus heteroclitus
Lesser Siren (salamander)
Siren intermedia
Southern Toad
Anaxyrus terrestris
Southern Cricket Frog
Acris gryllus
Green Frog
Lithobates clamitans
Green Anole
Anolis carolinensis

Six-lined Racerunner
Aspidoscelis sexlineata
Ground Skink
Scincella lateralis
Turkey Vulture
Cathartes aura
Black Vulture
Coragyps atratus
Red-tailed Hawk
Buteo jamaicensis
Belted Kingfisher
Ceryle alcyon
Red-bellied Woodpecker
Melanerpes carolinus

Downy Woodpecker
Picoides pubescens
Northern Rough-winged Swallow
Stelgidopteryx serripennis
Carolina Chickadee
Parus carolinensis
Brown-headed Nuthatch
Sitta pusilla
Ruby-crowned Kinglet
Regulus calendula
Blue-gray Gnatcatcher
Poliophtila caerulea

Eastern Bluebird
Sialia sialis
American Robin
Turdus migratorius
Yellow-rumped Warbler
Dendroica coronata
Pine Warbler
Dendroica pinus
Common Yellowthroat
Geothlypis trichas
Northern Cardinal
Cardinalis cardinalis

Eastern Towhee
Pipilo erythrophthalmus
Swamp Sparrow
Melospiza georgiana
American Goldfinch
Carduelis tristis
Beaver (dam)
Castor canadensis
Raccoon (tracks)
Procyon lotor
White-tailed Deer (remains)
Odocoileus virginianus

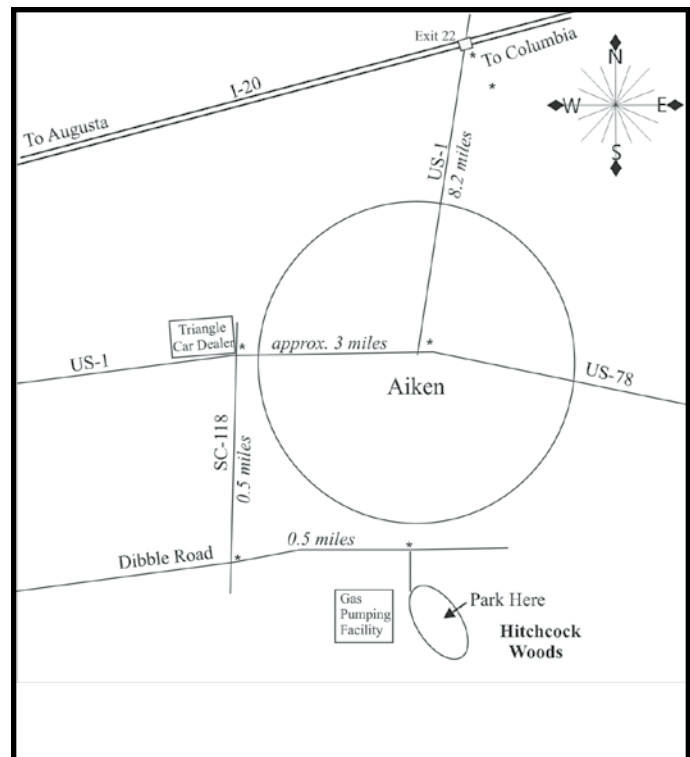
Hitchcock Woods

06/27/1998 and 10/22/2005

Hitchcock Woods is a privately held 2000 acre preserve, operated by the Hitchcock Foundation. While small areas are developed for equestrian sports use, the major acreage is a nature preserve. Most is classic sandhills, but there are areas of unique habitats. The preserve has nice wide trails that make easy if hilly walking. There are ponds, streams, fresh-water marsh, and an area with a unique chalk cliff. The chalk cliff is a good example of a Vacluse-Udorthent outcrop soil type. One springs area has a mountain-like habitat. This area has many rare or endangered plants. One of the highlights is a population of Ground Juniper, *Juniperus communis depressa*. More northern populations of this species are used as an evergreen ground cover. Mountain Laurel and Piedmont Azalea are found here. Other uncommon plants seen are *Ceratiola* (Rosemary), Shrubby Savory (*Satureja georgiana*) and *Nestronia*. The current management plan is to try to restore pre-settlement conditions.

The diversity of habitats also means a wide number of fauna species find it a good habitat to feed and breed. Just take note of the fauna list for this site.

Directions: There are several entrances to Hitchcock Woods. The primary one is accessed from Dibble Road. From the intersections of US 1 and SC 118 go south on SC 118 (Hitchcock Parkway) for 0.5 mile. Turn left onto Dibble Road. Again go approximately 0.5 mile to just past a large natural gas pumping station. Turn right onto an unmarked dirt road that leads to the parking lot. There are smaller parking areas along Dibble road, but this is the best for long term (several hours) parking.



Hitchcock Woods
Aiken County, SC
June 27, 1998 and
October 22, 2005

LICHENS

Leptogium austroamericanum
Pannaria rubiginosa
Sticta fuliginosa
Sticta weigeli
Phaeographis lobata
Bacidia schweinitzii
Brigantiaea leucoxantha
Pyrrhospora varians
Cladonia subtenuis
Cladonia caespiticia
Cladonia chlorophaea
Cladonia coniocraea

Cladonia cristatella
Cladonia didyma
Cladonia ochrochlora
Cladonia parasitica
Cladonia polycarpoides
Cladonia uncialis
Cladonia peziziformis
Pycnothelia papillaria
Pertusaria ostiolata
Pertusaria paratuberculifera
Pertusaria sinusmexicani
Pertusaria sp.
Maronea constans
Lecanora ostioli
Lecanora varia
Lecanora hybocarpa
Bulbothrix isidiza
Hypotrachyna livida
Hypotrachyna osseoalba

Parmotrema dilitatum
Parmotrema michauxianum
Parmotrema perforatum
Canoparmelia caroliniana
Canoparmelia texana
Punctelia rudecta
Usnea rubicunda
Usnea strigosa
Usnea subfloridana
Anaptychia palmulata
Buellia stillingiana
Physcia aipolia
Physcia americana
Heterodermia speciosa
Phaeophyscia imbricata
Ochrolechia africana
Pyrenula leucostoma
Eopyrenula intermedia
Catapyrenium tuckermanii
Leproloma membranaceum

FLORA

Cinnamon Fern
Osmunda cinnamomea
Royal Fern
Osmunda regalis spectabilis
Japanese Climbing Fern
Lygodium japonicum
Bracken
Pteridium aquilinum
Netted Chain Fern
Woodwardia areolata
Ebony Spleenwort
Asplenium platyneuron
Southern Lady Fern
Athyrium asplenoides
Christmas Fern
Polystichum acrostichoides
Resurrection Fern
Pleopeltis polypodioides
michauxiana
Shortleaf Pine
Pinus echinata
Longleaf Pine
Pinus palustris
Pond Pine
Pinus serotina
Loblolly Pine
Pinus taeda
Virginia Pine
Pinus virginiana
Ground Juniper
Juniperus communis
depressa
Eastern Red Cedar
Juniperus virginiana
virginiana
Virginia Dayflower
Commelina virginica
Umbrella Sedge
Cyperus plukenetii
Tall Nutrush
Scleria triglomerata
Green Silkscale
Anthenantia villosa
Southern Wiregrass
Aristida beyrichiana
Carolina Wiregrass
Aristida stricta
Seabeach Needlegrass
Aristida tuberculosa

Giant Cane
Arundinaria gigantea
Slender Spikegrass
Chasmanthium laxum
Flexible Sasa-grass
Microstegium vimineum
Common Little Bluestem
Schizachyrium scoparium
scoparium
Spanish-moss
Tillandsia usneoides
Bellwort
Uvularia puberula
Fly-poison
Amianthium muscitoxicum
Liriope
Liriope muscari
Dwarf Iris
Iris verna
Curlyleaf Yucca
Yucca filamentosa
Catbrier
Smilax bona-nox
Whiteleaf Greenbrier
Smilax glauca
Huger's Carrionflower
Smilax hugeri
Bamboo-vine
Smilax laurifolia
Common Greenbrier
Smilax rotundifolia
Jackson-brier
Smilax smallii
Common Wild Yam
Dioscorea villosa
Tulip-tree
Liriodendron tulipifera
Southern Magnolia
Magnolia grandiflora
Sweetbay
Magnolia virginiana
Sweet-shrub
Calycanthus floridus
Red Bay
Persea borbonia
Swamp Bay
Persea palustris
Sassafras
Sassafras albidum
Little Brown Jug
Hexastylis arifolia
Yellowroot
Xanthorhiza simplicissima
Nandina
Nandina domestica
Witch-hazel
Hamamelis virginiana
Sweet Gum
Liquidambar styraciflua
Winged Elm
Ulmus alata
Southern Hackberry
Celtis laevigata
Dwarf Hackberry
Celtis tenuifolia
Red Mulberry
Morus rubra
False-nettle
Boehmeria cylindrica
Mockernut Hickory
Carya alba

Pignut Hickory
Carya glabra
Pocosin Bayberry
Morella carolinensis
Common Wax-myrtle
Morella cerifera
White Oak
Quercus alba
Scarlet Oak
Quercus coccinea
Southern Red Oak
Quercus falcata
Sand Laurel Oak
Quercus hemisphaerica
Bluejack Oak
Quercus incana
Turkey Oak
Quercus laevis
Laurel Oak
Quercus laurifolia
Sand Post Oak
Quercus margaretta
Blackjack Oak
Quercus marilandica
marilandica
Rock Chestnut Oak
Quercus montana
Water Oak
Quercus nigra
Willow Oak
Quercus phellos
Post Oak
Quercus stellata
Black Oak
Quercus velutina
Live Oak
Quercus virginiana
Tag Alder
Alnus serrulata
American Hop-hornbeam
Ostrya virginiana
Common Pokeweed
Phytolacca americana
Wire-plant
Stipulicida setacea setacea
Sandhill Wild-buckwheat
Eriogonum tomentosum
Longbristle Smartweed
Persicaria longiseta
Common October-flower
Polygonella polygama
Loblolly Bay
Gordonia lasianthus
Pineweed
Hypericum gentianoides
St. Andrew's Cross
Hypericum hypericoides
Lloyd's St.-John's-wort
Hypericum lloydii
Arrowleaf Sida
Sida rhombifolia rhombifolia
Thymeleaf Pinweed
Lechea minor
Yellow Passionflower
Passiflora lutea lutea
Black Willow
Salix nigra
Ti-ti
Cyrilla racemiflora
Rosemary
Ceratiola ericoides

Spotted Wintergreen
Chimaphila maculata
Trailing Arbutus
Epigaea repens
Dwarf Huckleberry
Gaylussacia dumosa
Mountain Laurel
Kalmia latifolia
Coastal Doghobble
Leucothoe axillaris
Shining Fetterbush
Lyonia lucida
Sourwood
Oxydendrum arboreum
Piedmont Azalea
Rhododendron canescens
Sparkleberry
Vaccinium arboreum
Elliott's Blueberry
Vaccinium elliotii
Deerberry
Vaccinium stamineum
Swamp Blueberry
Vaccinium virgatum
Galax
Galax urceolata
American Persimmon
Diospyros virginiana
Bigleaf Snowbell
Styrax grandifolius
Horsesugar
Symplocos tinctoria
Climbing Hydrangea
Decumaria barbara
Virginia-willow
Itea virginica
Downy Serviceberry
Amelanchier arborea
Red Chokeberry
Aronia arbutifolia
Yellow Hawthorn
Crataegus flava
Oneflower Hawthorn
Crataegus uniflora
Hawthorn
Crataegus sp.
Wild Crab Apple
Malus angustifolia
Chinese Photinia
Photinia serrulata
Five-fingers
Potentilla canadensis
Carolina Laurel Cherry
Prunus caroliniana
Black Cherry
Prunus serotina serotina
Plum
Prunus sp.
Southern Dewberry
Rubus trivialis
Blackberry
Rubus sp.
Mimosa
Albizia julibrissin
Hog-peanut
Amphicarpaea bracteata
Thick-pod White Wild Indigo
Baptisia alba
Eastern Redbud
Cercis canadensis canadensis

Tick-trefoil
Desmodium marilandicum

Naked Tick-trefoil
Desmodium nudiflorum

Tick-trefoil
Desmodium nuttallii

Tick-trefoil
Desmodium paniculatum
paniculatum

Wild Indigo
Indigofera caroliniana

Bicolor Lespedeza
Lespedeza bicolor

Sericea
Lespedeza cuneata

Violet Lespedeza
Lespedeza frutescens

Lespedeza
Lespedeza hirta

Black Locust
Robinia pseudoacacia

Virginia Goat's-rue
Tephrosia virginiana

Chinese Wisteria
Wisteria sinensis

Autumn Silverberry
Elaeagnus pungens

Spring Silverberry
Elaeagnus umbellata
parvifolia

Flowering Dogwood
Cornus florida

Blackgum
Nyssa sylvatica

Conjurer's-nut
Nestronia umbellula

Hearts-a-burstin'-with-love
Euonymus americanus

Carolina Holly
Ilex ambigua

Big Gallberry
Ilex coriacea

Chinese Holly
Ilex cornuta

Little Gallberry
Ilex glabra

American Holly
Ilex opaca opaca

Yaupon
Ilex vomitoria

Shortstalk Copperleaf
Acalypha gracilens

Tread-softly
Cnidioscolus stimulosus

Eastern Flowering Spurge
Euphorbia corollata

Carolina Ipecac
Euphorbia ipecacuanhae

Carolina Leaf-flower
Phyllanthus caroliniensis
caroliniensis

Chamber Bitter
Phyllanthus urinaria urinaria

Virginia-creeper
Parthenocissus quinquefolia

Muscadine
Vitis rotundifolia rotundifolia

Frost Grape
Vitis vulpina

Chalk Maple
Acer leucoderme

Box Elder
Acer negundo

Red Maple
Acer rubrum

Winged Sumac
Rhus copallinum

Poison Oak
Toxicodendron pubescens

Eastern Poison Ivy
Toxicodendron radicans
radicans

Tree-of-Heaven
Ailanthus altissima

Devil's-walking-stick
Aralia spinosa

English Ivy
Hedera helix helix

Carolina Jessamine
Gelsemium sempervirens

Sandhills Blue-stars
Amsonia ciliata

Sandhill Milkweed
Asclepias humistrata

Butterfly-weed
Asclepias tuberosa

Climbing Dogbane
Trachelospermum difforme

Nightshade
Solanum americanum

Carolina Ponyfoot
Dichondra carolinensis

Dawnflower
Stylisma patens

Dawnflower
Stylisma sp.

Phlox
Phlox carolina

Beautyberry
Callicarpa americana

Georgia Calamint
Clinopodium georgianum

Skullcap
Scutellaria elliptica

Common Skullcap
Scutellaria integrifolia

Broad-leaved Plantain
Plantago rugelii

Fringe-tree
Chionanthus virginicus

White Ash
Fraxinus americana

Japanese Privet
Ligustrum japonicum

Chinese Privet
Ligustrum sinense

Purple-foxglove
Agalinis setacea

Southern Oak-leach
Aureolaria pectinata

Oak-leach
Aureolaria sp.

Wild-petunia
Ruellia sp.

Cross-vine
Bignonia capreolata

Trumpet-creeper
Campsis radicans

Wahlenbergia
Wahlenbergia marginata

Poorjoe
Diodia teres

Partridge-berry
Mitchella repens

Richardia
Richardia brasiliensis

Japanese Honeysuckle
Lonicera japonica

Common Elderberry
Sambucus canadensis

Mapleleaf Viburnum
Viburnum acerifolium

Black Haw
Viburnum prunifolium

Southern Black Haw
Viburnum rufidulum

Small-leaved White Snakeroot
Ageratina aromatica

Common Ragweed
Ambrosia artemisiifolia

Spanish Needles
Bidens bipinnata

Sandhill Chaffhead
Carphephorus bellidifolius

Green-and-gold
Chrysogonum virginianum

Thistle
Cirsium sp.

Coreopsis
Coreopsis major

Leafy Elephant's-foot
Elephantopus carolinianus

Elephant's-foot
Elephantopus nudatus

Elephant's-foot
Elephantopus tomentosus

Elephant's-foot
Elephantopus sp.

White-bracted Thoroughwort
Eupatorium album album

Common Dog-fennel
Eupatorium capillifolium

Coastal Dog-fennel
Eupatorium compositifolium

Beaked Hawkweed
Hieracium gronovii

Stiff-leaved Aster
Ionactis linariifolia

Sandhill Blazing-star
Liatris secunda

Blazing-star
Liatris tenuifolia

Grass-leaved Golden-aster
Pityopsis aspera adenolepis

Gall-of-the-earth
Prenanthes serpentaria

Fragrant Rabbit-tobacco
Pseudognaphalium obtusifolium

White-topped Aster
Sericocarpus tortifolius

Rosinweed
Silphium compositum

Axillary Goldenrod
Solidago caesia caesia

Licorice Goldenrod
Solidago odora odora

Rough-leaved Goldenrod
Solidago rugosa

Long-stalked Aster
Symphyotrichum dumosum

Frost Aster
Symphyotrichum pilosum

pilosum

Purple-stem Aster
Symphyotrichum puniceum
puniceum

Ironweed
Vernonia angustifolia

Chocolate Tube Slime
Stemonitis splendens

FAUNA

Orb-weaver
Neoscona domiciliorum

Wolf Spider
Lycosidae family

Grasshopper
Orphulella pelidna

Short-winged Green Grasshopper
Dichromorpha viridis

Slant-faced Grasshopper
Syrbula admirabilis

Carolina Locust
Dissosteira carolina

Boll's Sand Grasshopper
Spharagemon bolli

Sand Grasshopper
Spharagemon cristatum

Sand Grasshopper
Spharagemon marmorata
picta

Spur-throated Grasshopper
Melanoplus sp.

American Bird Grasshopper
Schistocerca americana

Narrow-tined Forktail Katydid
Scudderella cuneata

Broadtip Conehead Katydid
Neoconocephalus triops

Field Cricket
Gryllus sp.

Allard's Ground Cricket
Allonemobius allardi

Grass Cricket
Falcicula hebardii

Predatory Stink Bug
Podisus sp.

Leaf-footed Bug
Acanthocephala terminalis

Harvester Ant
Pogonomyrmex sp.

Russet-tipped Clubtail
Stylurus plagiatus

Blue Dasher
Pachydiplax longipennis

Common Whitetail
Plathemis lydia

Ebony Jewelwing
Calopteryx maculata

Panhandle Variable Dancer
Argia fumipennis atra

Whirligig Beetle
Dineutus carolinus

Whirligig Beetle
Dineutus ciliatus

Predacious Diving Beetle
Neoporus undulatus

Clown Beetle
Hister curtatus

Click Beetles
Megapenthes rufilabris

Limonius sp.
Soft-winged Flower Beetle
Ablechrus texensis
Tumbling Flower Beetle
Mordella melaena
Eastern Tiger Swallowtail
Papilio glaucus
Spicebush Swallowtail
Papilio troilus
Palamedes Swallowtail
Papilio palamedes
Cloudless Sulphur
Phoebis sennae eubule
Little Yellow (butterfly)
Eurema lisa
Sleepy Orange (butterfly)
Eurema nicippe
Eastern Comma; Hop Merchant
Polygonia comma
Common Buckeye
Junonia coenia

Red-spotted Purple (butterfly)
Limenitis arthemis astyanax
Hackberry Emperor (butterfly)
Asterocampa celtis
Common Checkered-skipper
Pyrgus communis
Sad Underwing (moth)
Catocala maestosa
Southern Toad
Anaxyrus terrestris
Six-lined Racerunner
Aspidoscelis sexlineata
Turkey Vulture
Cathartes aura
Red-tailed Hawk
Buteo jamaicensis
Mourning Dove
Zenaida macroura
Ruby-throated Hummingbird
Archilochus colubris
Red-bellied Woodpecker
Melanerpes carolinus

Northern Flicker
Colaptes auratus
Pileated Woodpecker
Dryocopus pileatus
Eastern Wood-pewee
Contopus virens
Blue Jay
Cyanocitta cristata
American Crow
Corvus brachyrhynchos
Tufted Titmouse
Parus bicolor
Carolina Chickadee
Parus carolinensis
Brown-headed Nuthatch
Sitta pusilla
Carolina Wren
Thryothorus ludovicianus
Blue-gray Gnatcatcher
Poliophtila caerulea

Wood Thrush
Hylocichla mustelina
American Robin
Turdus migratorius
Brown Thrasher
Toxostoma rufum
Pine Warbler
Dendroica pinus
Northern Cardinal
Cardinalis cardinalis
Eastern Towhee
Pipilo erythrophthalmus
Brown-headed Cowbird
Molothrus ater
Common Grackle
Quiscalus quiscula
American Goldfinch
Carduelis tristis
Gray Squirrel
Sciurus carolinensis

Savannah River Bluffs Heritage Preserve

06/24/2000

About a one hundred foot high rocky bluff gives this site its name. The rocks meant it made poor crop growing and has been less disturbed than most of the Piedmont. There are large specimens of trees uncommon in the state, such as Yellowwood and Basswood. In the spring there is a large population of less common spring flowers, such as Fire Pink. From the edge of the river at the base of the bluff, one can see a large population of the Rocky Shoals Spider Lily. Elsewhere on this preserve are other rare plants such as Relict Trillium, Bottle-brush Buckeye (perhaps the only site in the state), and Swamp Privet among others. It is thought this is the site where Andre Michaux and John Fraser collected the first specimen of the Bottle-brush Buckeye. Animals and birds are plentiful along the river. While technically lying in the piedmont, the area along the river that includes Bald Cypress, Saw Palmetto, and Spanish Moss is reminiscent of the coastal plain. The slope of the bluff itself is rocky and very typical piedmont in habitat.

Directions: From Interstate 20 Exit 1 at SC 230 (Martintown Road) take SC 230 south toward North Augusta for 0.5 miles past a large gas station, then turn right on the first paved road, Plantation Road. Go 0.2 miles and turn right again on Old Plantation Road. In another 0.3 miles pass through an open aluminum gate, then go 0.1 miles to a parking lot on the left, between two pipe gates. Do not block the parking lot entrance.

The hiking trail begins just beyond the parking lot. Walk around the closed pipe gate and follow the roadbed down the power line. Then watch for a turn to the left to the next

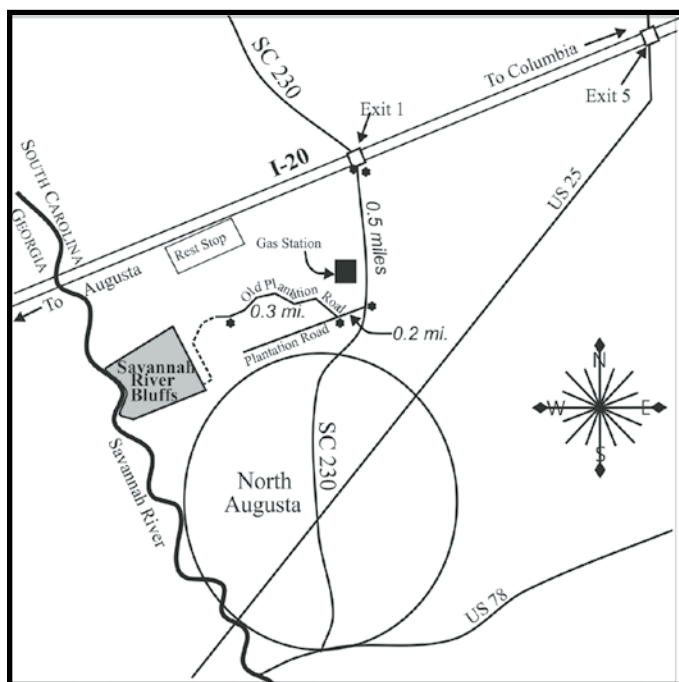
ridge. The trail goes into the woods to the right, then loops down to the river and back up to the power line.

**Savannah River Bluffs
 Heritage Preserve
 Aiken County, SC
 June 24, 2000**

FLORA

Ebony Spleenwort
Asplenium platyneuron
Christmas Fern
Polystichum acrostichoides
Loblolly Pine
Pinus taeda
Eastern Red Cedar
Juniperus virginiana virginiana
Bald-cypress
Taxodium distichum
Arrowhead
Sagittaria sp.
Green Arrow-arum
Peltandra virginica
Dayflower
Commelina erecta
Rush
Juncus sp.
Sedge
Carex sp.
Giant Cane
Arundinaria gigantea
Spanish-moss
Tillandsia usneoides
Hammock Spiderlily
Hymenocallis occidentalis
Greenbrier
Smilax sp.
Virginia Heartleaf
Hexastylis virginica

Round-lobed Hepatica
Anemone americana
Sycamore
Platanus occidentalis occidentalis
Winged Elm
Ulmus alata
Dwarf Hackberry
Celtis tenuifolia
Red Mulberry
Morus rubra
Pignut Hickory
Carya glabra
Shagbark Hickory
Carya ovata
White Oak
Quercus alba
Southern Red Oak
Quercus falcata
Water Oak
Quercus nigra
American Hornbeam
Carpinus caroliniana
American Hop-hornbeam
Ostrya virginiana
St.-John's-wort
Hypericum sp.
Eastern Rose-mallow
Hibiscus moscheutos moscheutos
Southern Basswood
Tilia americana caroliniana
Violet
Viola sp.
Elliott's Blueberry
Vaccinium elliotii
Littlehip Hawthorn
Crataegus spathulata



Black Cherry
Prunus serotina serotina

Blackberry
Rubus sp.

Eastern Redbud
Cercis canadensis canadensis

Yellow-wood
Cladrastis kentukea

Spring Silverberry
Elaeagnus umbellata parvifolia

Flowering Dogwood
Cornus florida

Hearts-a-burstin'-with-love
Euonymus americanus

American Holly
Ilex opaca opaca

Supplejack
Berchemia scandens

Carolina Buckthorn
Frangula caroliniana

Peppervine
Ampelopsis arborea

Virginia-creeper
Parthenocissus quinquefolia

Muscadine
Vitis rotundifolia rotundifolia

Southern Sugar Maple
Acer floridanum

Chalk Maple
Acer leucoderme

Red Maple
Acer rubrum

Painted Buckeye
Aesculus sylvatica

Winged Sumac
Rhus copallinum

Eastern Poison Ivy
Toxicodendron radicans radicans

Carolina Jessamine
Gelsemium sempervirens

Eastern Anglepod
Gonolobus suberosus

Carolina Spinypod
Matelea carolinensis

Brazilian Vervain
Verbena brasiliensis

Beautyberry
Callicarpa americana

Georgia Calamint
Clinopodium georgianum

White Ash
Fraxinus americana

Green Ash
Fraxinus pennsylvanica

Moth Mullein
Verbascum blattaria

Downy Oak-leach
Aureolaria virginica

Cross-vine
Bignonia capreolata

Trumpet-creeper
Campsis radicans

Japanese Honeysuckle
Lonicera japonica

Thistle
Cirsium sp.

Bitterweed
Helenium amarum amarum

Climbing Hempweed
Mikania scandens

Rosinweed
Silphium asteriscus dentatum

Bearsfoot
Smallanthus uvedalius

Hophornbeam Disc (fungus)
Aleurodiscus oakesii

FAUNA

Bowl-and-doily Spider
Frontinella pyramitella

Writing Spider
Argiope aurantia

Mayfly
Order Ephemeroptera

Carolina Locust
Dissosteira carolina

Spur-throated Grasshopper
Melanoplus sp.

Leaf-footed Yucca Bug
Leptoglossus sp.

Periodical Cicada
Magicicada sp.

Little Blue Dragonlet
Erythrodiplax minuscula

Yellow-sided Skimmer
Libellula flava

Widow Skimmer Dragonfly
Libellula luctuosa

Common Whitetail
Plathemis lydia

Six-spotted Tiger Beetle
Cicindela sexguttata

Red-banded Hairstreak
Calycopis cecrops

Common Buckeye
Junonia coenia

Carolina Satyr (butterfly)
Hermeuptychia sosybius

Common Checkered-skipper
Pyrgus communis

Southern Toad
Anaxyrus terrestris

Green Anole
Anolis carolinensis

Yellow-billed Cuckoo
Coccyzus americanus

Tufted Titmouse
Parus bicolor

Carolina Chickadee
Parus carolinensis

Carolina Wren
Thryothorus ludovicianus

Beaver (gnaw mark)
Castor canadensis

White-tailed Deer (tracks)
Odocoileus virginianus

Savannah River Site

09/28/1999

Limited access by pre-arrangement only. A map with directions will not be supplied.

This site, owned by the U. S. government, is used for conducting nuclear research and development in the center. To protect the research there is a large amount of what is now totally undeveloped land that has been 'reverting to nature' since approximately 1950. As a result some of the most pristine habitats in the state are found here. This pristine habitat has been utilized as a research and education tool. The USDA Forest Service has a facility that includes classrooms. Two members of the University of South Carolina at Aiken faculty and fellow SCAN members were our hosts for this opportunity to explore this ecologically valuable site. Habitats visited included Carolina bays, beaver ponds, longleaf pine stands and bottomland hardwood forests. Upper Three Mile Run, a creek we sampled, is one of the cleanest and has the most diverse aquatic fauna of any in the eastern United States. The Savannah River Site is located in southern Aiken County at the south terminus of SC 19, just south of its intersection with US 278. There are several gates from which it may be accessed. However, it is not open to the public. If you have a sufficient need to enter, arrangements must be made well in advance with the staff of the site.

Savannah River Site
Aiken & Barnwell Counties, SC
August 28, 1999

LICHENS

Leptogium austroamericanum
Leptogium cyanescens
Graphis scripta
Bacidia schweinitzii
Cladonia rangiferina
Cladonia cristatella
Cladonia leporina
Cladonia polycarpoides
Cladonia peziziformis
Pertusaria multipunctata
Pertusaria amara
Pertusaria ostiolata
Pertusaria sinusmexicana
Maronea constans
Lecanora cupressi
Lecanora varia
Lecanora hybocarpa
Lecanora caesiorubella subsp. prolifera
Candelaria concolor
Hypotrachyna livida
Parmotrema hypotropum
Parmotrema michauxianum
Parmotrema perforatum
Parmotrema tinctorum
Flavoparmelia caperata
Canoparmelia caroliniana
Punctelia rudecta
Usnea strigosa
Heterodermia albicans
Ochrolechia africana
Trypethelium mastoideum
Trypethelium virens
Leproloma membranaceum
Chrysothrix sp.

FLORA

Peat Moss
Sphagnum sp.
Clubmoss
Lycopodiaceae, species of
Rattlesnake Fern
Botrypus virginianus
Cut-leaf Grapefern
Sceptridium dissectum
Grapefern
Ophioglossaceae, species of
Cinnamon Fern
Osmunda cinnamomea
Royal Fern
Osmunda regalis spectabilis
Netted Chain Fern
Woodwardia areolata
Ebony Spleenwort
Asplenium platyneuron
Southern Lady Fern
Athyrium asplenoides
Christmas Fern
Polystichum acrostichoides
Resurrection Fern
Pleopeltis polypodioides
michauxiana
Longleaf Pine
Pinus palustris

Pond Pine
Pinus serotina
Loblolly Pine
Pinus taeda
Eastern Red Cedar
Juniperus virginiana virginiana
Pond-cypress
Taxodium ascendens
Ribbonleaf Pondweed
Potamogeton ephedrus
Golden Club
Orontium aquaticum
Green Arrow-arum
Peltandra virginica
Bogmoss
Mayaca fluviatilis
Old World Hairsedge
Bulbostylis barbata
Savanna Hairsedge
Bulbostylis ciliatifolia
Blue Sedge
Carex glaucescens
Hairy Umbrella-sedge
Fuirena squarrosa
Woolgrass Bulrush
Scirpus cyperinus
Giant Cane
Arundinaria gigantea
Slender Spikegrass
Chasmanthium laxum
Southern Cutgrass
Leersia hexandra
Southern Water Grass
Luziola fluitans fluitans
Flexible Sasa-grass
Microstegium vimineum
Woods-grass
Opismenus hirtellus setarius
American Bur-reed
Sparganium americanum
Spanish-moss
Tillandsia usneoides
Turkeybeard
Xerophyllum asphodeloides
Southern Blue Flag
Iris virginica
Rattlesnake-master
Manfreda virginica
Curlyleaf Yucca
Yucca filamentosa
Catbrier
Smilax bona-nox
Whiteleaf Greenbrier
Smilax glauca
Common Greenbrier
Smilax rotundifolia
Jackson-brier
Smilax smallii
Water-spider Orchid
Habenaria repens
Tulip-tree
Liriodendron tulipifera
Southern Magnolia
Magnolia grandiflora
Sweetbay
Magnolia virginiana
Sweet-shrub
Calycanthus floridus
Red Bay
Persea borbonia
Sassafras
Sassafras albidum

Lizard's-tail
Saururus cernuus
Wild Ginger
Asarum canadense
Virginia Snakeroot
Endodeca serpentaria
Little Brown Jug
Hexastylis arifolia
Yellow Water-lily
Nymphaea mexicana
White Water-lily
Nymphaea odorata odorata
Water-shield
Brasenia schreberi
Sycamore
Platanus occidentalis occidentalis
Sweet Gum
Liquidambar styraciflua
Winged Elm
Ulmus alata
Southern Hackberry
Celtis laevigata
Red Mulberry
Morus rubra
False-nettle
Boehmeria cylindrica
Mockernut Hickory
Carya alba
Pignut Hickory
Carya glabra
Common Wax-myrtle
Morella cerifera
Common Chinquapin
Castanea pumila
White Oak
Quercus alba
Southern Red Oak
Quercus falcata
Bluejack Oak
Quercus incana
Sand Post Oak
Quercus margaretta
Blackjack Oak
Quercus marilandica marilandica
Water Oak
Quercus nigra
Willow Oak
Quercus phellos
Tag Alder
Alnus serrulata
River Birch
Betula nigra
Common Pokeweed
Phytolacca americana
Prickly-pear
Opuntia humifusa
Florida Cottonweed
Froelichia floridana
Wire-plant
Stipulicida setacea setacea
Arrowleaf Tearthumb
Persicaria sagittata
Jointweed
Polygonella americana
Common October-flower
Polygonella polygama
Pineweed
Hypericum gentianoides
St. Andrew's Cross
Hypericum hypericoides

Marsh St.-John's-wort
Triadenum walteri
Rosemary Sunrose
Crocanthemum rosmarinifolium
Pinweed
Lechea mucronata
Piriqueta
Piriqueta caroliniana caroliniana
Yellow Passionflower
Passiflora lutea lutea
Black Willow
Salix nigra
Sea Rocket
Cakile sp.
Ti-ti
Cyrilla racemiflora
Spotted Wintergreen
Chimaphila maculata
Coastal Doghobble
Leucothoe axillaris
Shining Fetterbush
Lyonia lucida
Sparkleberry
Vaccinium arboreum
Smooth Highbush Blueberry
Vaccinium corymbosum
Elliott's Blueberry
Vaccinium elliotii
Deerberry
Vaccinium stamineum
Southern Blueberry
Vaccinium tenellum
American Persimmon
Diospyros virginiana
American Snowbell
Styrax americanus
Horsesugar
Symplocos tinctoria
Climbing Hydrangea
Decumaria barbara
Virginia-willow
Itea virginica
Chickasaw Plum
Prunus angustifolia angustifolia
Carolina Laurel Cherry
Prunus caroliniana
Black Cherry
Prunus serotina serotina
Common Groundnut
Apios americana
Gopherweed
Baptisia perfoliata
Spurred Butterfly Pea
Centrosema virginianum
Common Partridge-pea
Chamaecrista fasciculata fasciculata
Common Sensitive-plant
Chamaecrista nictitans nictitans
Showy Rattlebox
Crotalaria spectabilis
Milkpea
Galactia sp.
Bicolor Lespedeza
Lespedeza bicolor
Sericea
Lespedeza cuneata
White Sweetclover
Mellilotus albus

Eastern Sensitive-briar
Mimosa microphylla

Kudzu
Pueraria montana lobata

Water-willow
Decodon verticillatus

Alternate-leaf Seedbox
Ludwigia alternifolia

Water-willow
Ludwigia leptocarpa

Flowering Dogwood
Cornus florida

Swamp Tupelo
Nyssa biflora

Blackgum
Nyssa sylvatica

Hearts-a-burstin'-with-love
Euonymus americanus

American Holly
Ilex opaca opaca

Yaupon
Ilex vomitoria

Shortstalk Copperleaf
Acalypha gracilens

Eastern Flowering Spurge
Euphorbia corollata

Supplejack
Berchemia scandens

Peppervine
Ampelopsis arborea

Virginia-creeper
Parthenocissus quinquefolia

Muscadine
Vitis rotundifolia rotundifolia

Showy Milkwort
Polygala grandiflora grandiflora

Red Maple
Acer rubrum

Winged Sumac
Rhus copallinum

Poison Oak
Toxicodendron pubescens

Eastern Poison Ivy
Toxicodendron radicans radicans

Chinaberry
Melia azedarach

Spotted Touch-me-not
Impatiens capensis

Devil's-walking-stick
Aralia spinosa

Marsh Water-pennywort
Hydrocotyle umbellata

Sanicle
Sanicula canadensis

Pinkroot
Spigelia marilandica

Carolina Jessamine
Gelsemium sempervirens

Georgia Phacelia
Phacelia dubia georgiana

Vervain
Verbena urticifolia

Beautyberry
Callicarpa americana

Dotted Horse-mint
Monarda punctata

Chinese Privet
Ligustrum sinense

Woolly Mullein
Verbascum thapsus

Cross-vine
Bignonia capreolata

Trumpet-creeper
Campsis radicans

Catalpa
Catalpa sp.

Longspur Creeping

Bladderwort
Utricularia biflora

Purple Bladderwort
Utricularia purpurea

Cardinal Flower
Lobelia cardinalis

Wahlenbergia
Wahlenbergia marginata

Buttonbush
Cephalanthus occidentalis

Bedstraw
Galium hispidulum

Partridge-berry
Mitchella repens

Japanese Honeysuckle
Lonicera japonica

Common Elderberry
Sambucus canadensis

Southern Wild Raisin
Viburnum nudum

Southern Black Haw
Viburnum rufidulum

Common Ragweed
Ambrosia artemisiifolia

Leafy Elephant's-foot
Elephantopus carolinianus

Elephant's-foot
Elephantopus tomentosus

Fireweed
Erechtites hieraciifolius

Boneset
Eupatorium perfoliatum

Bitterweed
Helenium amarum amarum

Sandhill Blazing-star
Liatris secunda

Climbing Hempweed
Mikania scandens

Fragrant Rabbit-tobacco
Pseudognaphalium obtusifolium

Carbon-balls (fungus)
Daldinia concentrica

Ling Chih
Ganoderma lucidum

Milk-white Tooth Polypore
Irpex lacteus

Silky Parchment
Stereum striatum

Shaggy-mane
Coprinus comatus

Tacky Green Russula
Russula aeruginea

Smoky-gilled Naematoloma
Naematolema capnoides

Golden-scruffy Collybia
Cyptotrama asprata

Scrambled-egg Slime
Fuligo septica

FAUNA

Spiny-backed Spider
Micrathena gracilis

Arrow-shaped Spiny-back
Micrathena sagittata

White Micrathena (spider)
Micrathena mitrata

Writing Spider
Argiope aurantia

Star-bellied Spider
Acanthepeira stellata

Orb-weavers
Neoscona domiciliorum
Neoscona crucifera

Arrowhead Spider
Verrucosa arenata

Funnel-web Spider
Agelenopsis naevia

Green Lynx Spider
Peucetia viridans

Carolina Locust
Dissosteira carolina

Spur-throated Grasshopper
Melanoplus sp.

American Bird Grasshopper
Schistocerca americana

Red-headed Bush Cricket
Phyllopalpus pulchellus

Predatory Stink Bug
Podisus sp.

Leaf-footed Bug
Leptoglossus oppositus

Assassin Bug
Melanolestes picipes

Common Backswimmer
Notonecta undulata

Water-scorpion
Ranatra americana

Toad Bug
Gelastocoris oculatus

Red Bay Gail Psyllid
Trioza magnoliae

Velvet-ant
Dasymutilla lepeleteri

Potter Wasp (nest)
Eumenes sp.

Bald-faced Hornet
Dolichovespula maculata

Paper Wasp (nest)
Polistes sp.

Deer Fly
Chrysops sp.

Common Green Darner
Anax junius

Royal River Cruiser (juvenile)
Macromia taeniolata

Graceful Setwing (dragonfly) (juvenile)
Dythemis velox

Little Blue Dragonlet
Erythrodiplax minuscula

Golden-winged Skimmer
Libellula auripennis

Great Blue Skimmer (juvenile)
Libellula vibrans

Common Whitetail
Plathemis lydia

Violet-masked Glider
Tramea carolina

Sparkling Jewelwing Damselfly
Calopteryx dimidiata

Ebony Jewelwing
Calopteryx maculata

American Rubyspot
Hetaerina americana

Elegant Spreadwing
Lestes inaequalis

Panhandle Variable Dancer
Argia fumipennis atra

Duckweed Firetail (damselfly)
Telebasis byersi

Red-bellied Tiger Beetle
Cicindela rufiventris rufiventris

Ground Beetle
Morion monilicornis

Notch-mouthed Ground Beetle
Dicaelus dilatatus dilatatus

Colorful Foliage Ground Beetle
Cymindis limbata

Whirligig Beetle
Dineutus discolor

Crawling Water Beetles
Peltodytes dunavani
Peltodytes muticus
Peltodytes sexmaculatus
Peltodytes shermani

Burrowing Water Beetles
Suphisellus gibbulus
Hydrocanthus irlcolor

Predacious Diving Beetles
Laccophilus fasciatus rufus
Laccophilus proximus
Hydrovatus pustulatus
Neoporus sp.
Ilybius oblitus
Matus bicarinatus
Coptotomus interrogatus
Hydaticus bimarginatus
Thermonectus basillaris basillaris
Graphoderus liberus

Water Scavenger Beetles
Hydrochus inaequalis
Tropisternus blatchleyi blatchleyi
Tropisternus collaris
Tropisternus natator

Clown Beetle
Euspilotus assimilis

Large Rove Beetle
Staphylinus maculosus

Tumblebug; Dung Beetle
Melanocanthus bispinatus

Jewel Beetle
Brachys ovatus

Shining Mold Beetle
Acylopus sp.

Dusky Lady Beetle
Scymnus fraternus

Horned Fungus Beetle
Bolitotherus cornutus

Skeletonizing Leaf Beetles
Galerucella nymphaeae
Ophraella slobodkini

Flea Beetles
Altica foliaceae
Altica sp.

Bark Weevil
Cossonus impressifrons

Eastern Tiger Swallowtail
Papilio glaucus

Palamedes Swallowtail
Papilio palamedes

Cloudless Sulphur
Phoebis sennae eubule

Little Yellow (butterfly)
Eurema lisa

Sleepy Orange (butterfly)
Eurema nicippe
Eastern Tailed-blue(butterfly)
Everes comyntas
Question Mark (butterfly)
Polygonia interrogationis
Red-spotted Purple (butterfly)
Limenitis arthemis astyanax
Carolina Satyr (butterfly)
Hermeuptychia sosybius
Monarch (butterfly)
Danaus plexippus
Horace's Duskywing
Erynnis horatius
Common Checkered-skipper
Pyrgus communis
Least Skipper
Ancyloxypha numitor
Io Moth
Automeris io
Dwarf Waterdog
Necturus punctatus
Southern Cricket Frog
Acris gryllus
Five-lined or SE 5-lined Skink
Eumeces sp.
Ground Skink
Scincella lateralis
Eastern Hognose Snake
Heterodon platyrhinos
Cottonmouth; Water Moccasin
Agkistrodon piscivorus
Anhinga; Snakebird
Anhinga anhinga
Wood Duck
Aix sponsa
Turkey Vulture
Cathartes aura
Black Vulture
Coragyps atratus
Cooper's Hawk
Accipiter cooperii
Red-shouldered Hawk
Buteo lineatus
Wild Turkey
Meleagris gallopavo
Mourning Dove
Zenaida macroura
Yellow-billed Cuckoo
Coccyzus americanus
Barred Owl
Strix varia
Chimney Swift
Chaetura pelagica
Ruby-throated Hummingbird
Archilochus colubris
Belted Kingfisher
Ceryle alcyon
Red-bellied Woodpecker
Melanerpes carolinus
Red-headed Woodpecker
Melanerpes erythrocephalus

Northern Flicker
Colaptes auratus
Downy Woodpecker
Picoides pubescens
Pileated Woodpecker
Dryocopus pileatus
Eastern Kingbird
Tyrannus tyrannus
Acadian Flycatcher
Empidonax virescens
Blue Jay
Cyanocitta cristata
Fish Crow
Corvus ossifragus
Tufted Titmouse
Parus bicolor
Carolina Chickadee
Parus carolinensis
Brown-headed Nuthatch
Sitta pusilla
Carolina Wren
Thryothorus ludovicianus
Blue-gray Gnatcatcher
Poliopitila caerulea
Wood Thrush
Hylocichla mustelina
Northern Mockingbird
Mimus polyglottos
White-eyed Vireo
Vireo griseus
Red-Eyed Vireo
Vireo olivaceus
Northern Parula
Parula americana
Pine Warbler
Dendroica pinus
Hooded Warbler
Wilsonia citrina
Ovenbird
Seiurus aurocapillus
Common Yellowthroat
Geothlypis trichas
Northern Cardinal
Cardinalis cardinalis
Blue Grosbeak
Guiraca caerulea
Indigo Bunting
Passerina cyanea
Eastern Towhee
Pipilo erythrophthalmus
Red-winged Blackbird
Agelaius phoeniceus
Summer Tanager
Piranga rubra
American Goldfinch
Carduelis tristis
Raccoon (scat)
Procyon lotor
Bobcat; Wildcat
Felis rufus
White-tailed Deer (tracks)
Odocoileus virginianus



Cottonmouth, *Agkistrodon piscivorus*, by Kim McManus.



Burrow of the Gopher Tortoise, *Gopherus polyphemus*, by Virginia Winn.



Eastern Fence Lizard, *Sceloporus undulatus*, by Virginia Winn.