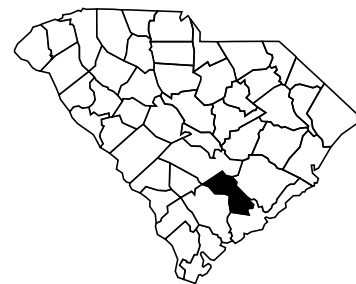


Dorchester County:

Located just inland from heavy populated Charleston County, there is a lot of suburban development in the east part of this county. There is a significant timber industry plus several limestone quarries yielding many significant marine fossils. The riverine flood plains have little development. These areas support the most diverse natural areas.



Sites Visited:

Francis Beidler Forest Audubon Preserve
Givhans Ferry State Park

02/26/2005

09/23/2000

Francis Beidler Forest Audubon Preserve

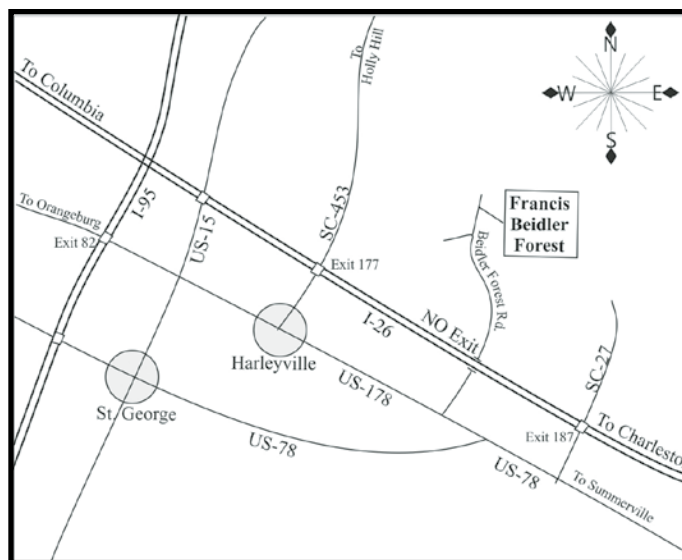
02/26/2005

This area has been known to naturalists and sportsmen primarily as Four Hole Swamp. The approximately 15,000 acres now owned by the National Audubon Society is part of Four Hole and goes by the name Francis Beidler Forest, to honor the man and family who owned and protected it during the most intense times of lumbering. It protects the least cut-over section of this classic lowcountry riverine swamp. Its original purpose was to protect about 1800 acres of old-growth swamp forest. There are Bald Cypress estimated to be over 1000 years old, with one diagnosed as 1500 years! The most spectacular parts of the forest are seen from the boardwalk accessed from the visitor's center. In addition there are several miles of old logging roads that make other areas accessible; that is what SCAN walked on the day of this visit. This a popular location for migrating and wintering birds, thanks to the large area with little human interference.

Directions: The Forest is easily accessed from either Exit 177 or Exit 187 on I-26.

FROM CHARLESTON area: Take I-26 west to Exit 187. Make a left turn on to Highway 27 (south) to Highway 78. Make a right turn on to Highway 78 (west). At the fork in the road, veer right onto Highway 178. Make a right onto Francis Beidler Forest Road (first paved right). After 4 miles the road will make a 90-degree turn to the left; you need to veer right onto Mims Road. It's a mile on the right!

FROM I-95, Columbia or west: Take I-26 east to Exit 177. Make a right hand turn on to Highway 453 (south) to Highway 178. Make a left turn on to Highway 178 (east). Go through the town of Harleyville. Six miles later make the left turn onto Francis Beidler Forest Road. After 4 miles the road will make a 90-degree turn to the left, but you need to veer right onto Mims Road. It is a mile on the right to the visitor center.



Francis Beidler Forest
Dorchester Co., SC
February 26, 2005

FLORA

Ebony Spleenwort
Asplenium platyneuron
Sensitive Fern
Onoclea sensibilis sensibilis
Resurrection Fern
Pleopeltis polypodioides michauxiana
Spruce Pine; Walter's Pine
Pinus glabra
Loblolly Pine
Pinus taeda
Eastern Red Cedar
Juniperus virginiana virginiana
Bald-cypress
Taxodium distichum
Arrowhead
Sagittaria sp.
Dwarf Palmetto
Sabal minor
Duckweed
Lemna sp.

Rush
Juncus coriaceus
Giant Cane
Arundinaria gigantea
Spanish-moss
Tillandsia usneoides
Catbrier
Smilax bona-nox
Whiteleaf Greenbrier
Smilax glauca
Bamboo-vine
Smilax laurifolia
Sarsaparilla-vine
Smilax pumila
Jackson-brier
Smilax smallii
Red-berried Greenbrier
Smilax walteri
Green-fly Orchid
Epidendrum magnoliae
Crane-fly Orchid
Tipularia discolor
Tulip-tree
Liriodendron tulipifera
Sweetbay
Magnolia virginiana
Swamp Bay
Persea palustris

Lizard's-tail <i>Saururus cernuus</i>	Ti-ti <i>Cyrilla racemiflora</i>	Muscadine; Scuppernong <i>Vitis rotundifolia rotundifolia</i>	Green Anole; Carolina Anole <i>Anolis carolinensis</i>
Little Brown Jug <i>Hexastylis arifolia</i>	Shining Fetterbush <i>Lyonia lucida</i>	Red Maple <i>Acer rubrum</i>	Turkey Vulture <i>Cathartes aura</i>
Sycamore <i>Platanus occidentalis</i> <i>occidentalis</i>	Piedmont Azalea <i>Rhododendron canescens</i>	Eastern Poison Ivy <i>Toxicodendron radicans</i> <i>radicans</i>	Red-shouldered Hawk <i>Buteo lineatus</i>
Witch-hazel <i>Hamamelis virginiana</i>	Sparkleberry <i>Vaccinium arboreum</i>	Water-pennywort <i>Hydrocotyle verticillata</i>	Broad-winged Hawk <i>Buteo platypterus</i>
Sweet Gum <i>Liquidambar styraciflua</i>	Elliott's Blueberry; Mayberry <i>Vaccinium elliotii</i>	Carolina Jessamine <i>Gelsemium sempervirens</i>	Mourning Dove <i>Zenaida macroura</i>
Water-elm <i>Planera aquatica</i>	American Persimmon <i>Diospyros virginiana</i>	Carolina Ponyfoot <i>Dichondra carolinensis</i>	Barred Owl (call) <i>Strix varia</i>
American Elm <i>Ulmus americana</i>	Horsesugar; Sweetleaf <i>Symplocos tinctoria</i>	Beautyberry; French-mulberry <i>Callicarpa americana</i>	Red-bellied Woodpecker <i>Melanerpes carolinus</i>
Southern Hackberry <i>Celtis laevigata</i>	Virginia-willow <i>Itea virginica</i>	Water Ash; Carolina Ash <i>Fraxinus caroliniana</i>	Northern Flicker <i>Colaptes auratus</i>
False-nettle <i>Boehmeria cylindrica</i>	Water Locust <i>Gleditsia aquatica</i>	Pumpkin Ash <i>Fraxinus profunda</i>	Downy Woodpecker <i>Picoides pubescens</i>
Mockernut Hickory <i>Carya alba</i>	Mermaid-weed <i>Proserpinaca palustris</i>	Cross-vine <i>Bignonia capreolata</i>	Yellow-bellied Sapsucker <i>Sphyrapicus varius</i>
Water Hickory <i>Carya aquatica</i>	Eastern Roughleaf Dogwood <i>Cornus asperifolia</i>	Trumpet-creeper <i>Campsis radicans</i>	Pileated Woodpecker <i>Dryocopus pileatus</i>
Pignut Hickory <i>Carya glabra</i>	Flowering Dogwood <i>Cornus florida</i>	Partridge-berry <i>Mitchella repens</i>	American Crow; Common Crow <i>Corvus brachyrhynchos</i>
Common Wax-myrtle <i>Morella cerifera</i>	Southern Swamp Dogwood <i>Cornus stricta</i>	Small-leaf Viburnum <i>Viburnum obovatum</i>	Tufted Titmouse <i>Parus bicolor</i>
Laurel Oak <i>Quercus laurifolia</i>	Water Tupelo <i>Nyssa aquatica</i>	Butterweed <i>Packera glabella</i>	Carolina Chickadee <i>Parus carolinensis</i>
Overcup Oak <i>Quercus lyrata</i>	Swamp Tupelo <i>Nyssa biflora</i>	FAUNA	Carolina Wren <i>Thryothorus ludovicianus</i>
Swamp Chestnut Oak <i>Quercus michauxii</i>	Blackgum <i>Nyssa sylvatica</i>	Carolina Mantis (sign) <i>Stagmomantis carolina</i>	Golden-crowned Kinglet <i>Regulus satrapa</i>
Water Oak <i>Quercus nigra</i>	American Mistletoe <i>Phoradendron serotinum</i> <i>serotinum</i>	Water-strider <i>Gerris</i> sp.	Ruby-crowned Kinglet <i>Regulus calendula</i>
Cherrybark Oak <i>Quercus pagoda</i>	Hearts-a-burstin'-with-love <i>Euonymus americanus</i>	Black-spotted Lady Beetle <i>Neoharmonia venusta</i>	Hermit Thrush <i>Catharus guttatus</i>
Live Oak <i>Quercus virginiana</i>	Big Gallberry <i>Ilex coriacea</i>	Question Mark (butterfly) <i>Polygonia interrogationis</i>	American Robin <i>Turdus migratorius</i>
American Hornbeam <i>Carpinus caroliniana</i>	Possum-haw <i>Ilex decidua decidua</i>	Southern Flannel Moth (cocoon) <i>Megalopyge opercularis</i>	White-eyed Vireo (call) <i>Vireo griseus</i>
Violet <i>Viola esculenta</i>	American Holly <i>Ilex opaca opaca</i>	Southern Chorus Frog (call) <i>Pseudacris nigrita</i>	Yellow-rumped Warbler <i>Dendroica coronata</i>
Eastern Cottonwood <i>Populus deltoides deltoides</i>	Supplejack; American Rattan <i>Berchemia scandens</i>	Slider Turtle <i>Trachemys scripta</i>	Pine Warbler <i>Dendroica pinus</i>
Quaker Bittercress <i>Cardamine pensylvanica</i>	Peppervine <i>Ampelopsis arborea</i>		Northern Cardinal <i>Cardinalis cardinalis</i>

Givhans Ferry State Park

09/23/2000

This 988-acre park was the site of a ferry crossing on the Edisto River in the eighteenth and nineteenth centuries. Park facilities were developed by the CCC in the 1930s. There are several trails of varying difficulty to explore. Thanks to Tropical Storm Helene, whose rain stopped just before we hit the trail, the walk on this day was more of a wade. It did change the specific riverside trail we could walk as our original destination was completely under water. The alternate walk higher on the river bluff was still damp to a perhaps a wade. One

highlight was spotting a gorgeous green-eyed dragonfly, the Royal River Cruiser, perched on the side of a tree.

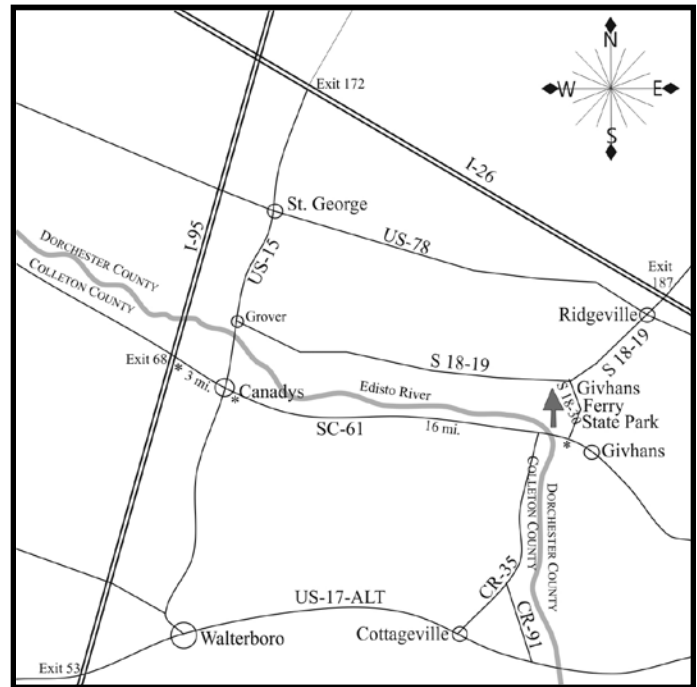
Directions: This park is located off SC 61. If approaching on I-95 take Exit 68 onto SC 61 southeast. Go approximately 17 miles, cross the Edisto River and watch for the park sign. Turn left on SR 18-30 for 0.2 mile to the park entrance.

If approaching from I-26, take Exit 187 onto SC 27 south to Ridgeville. In Ridgeville take SR 18-19 to SR 18-30. Turn left and proceed 2.4 miles to the park entrance.

Givhans Ferry
State Park
Dorchester Co., SC
September 23, 2000

FLORA

- Cinnamon Fern**
Osmunda cinnamomea
- Royal Fern**
Osmunda regalis spectabilis
- Bracken**
Pteridium aquilinum
- Netted Chain Fern**
Woodwardia areolata
- Ebony Spleenwort**
Asplenium platyneuron
- Christmas Fern**
Polystichum acrostichoides
- Resurrection Fern**
Pleopeltis polypodioides
michauxiana
- Shortleaf Pine**
Pinus echinata
- Loblolly Pine**
Pinus taeda
- Eastern Red Cedar**
Juniperus virginiana virginiana
- Bald-cypress**
Taxodium distichum
- Dwarf Palmetto**
Sabal minor
- Longleaf Spikegrass**
Chasmanthium sessiliflorum
- Woods-grass**
Oplismenus hirtellus setarius
- Spanish-moss**
Tillandsia usneoides
- Curlyleaf Yucca**
Yucca filamentosa
- Catbrier**
Smilax bona-nox
- Sarsaparilla-vine**
Smilax pumila
- Common Greenbrier**
Smilax rotundifolia
- Jackson-brier**
Smilax smallii
- Tulip-tree**
Liriodendron tulipifera
- Southern Magnolia**
Magnolia grandiflora
- Sassafras**
Sassafras albidum
- Little Brown Jug**
Hexastylis arifolia
- Witch-hazel**
Hamamelis virginiana
- Sweet Gum**
Liquidambar styraciflua
- Winged Elm**
Ulmus alata
- Red Mulberry**
Morus rubra
- False-nettle**
Boehmeria cylindrica
- Mockernut Hickory**
Carya alba
- Bitternut Hickory**
Carya cordiformis
- Common Wax-myrtle**
Morella cerifera
- American Beech**
Fagus grandifolia
- White Oak**
Quercus alba
- Southern Red Oak**
Quercus falcata
- Turkey Oak**
Quercus laevis
- Laurel Oak**
Quercus laurifolia
- Overcup Oak**
Quercus lyrata
- Water Oak**
Quercus nigra
- Willow Oak**
Quercus phellos
- Live Oak**
Quercus virginiana
- Tag Alder**
Alnus serrulata
- River Birch**
Betula nigra
- St. Andrew's Cross**
Hypericum hypericoides
- Dwarf Sundew**
Drosera brevifolia
- Black Willow**
Salix nigra
- Coastal Sweet Pepperbush**
Clethra alnifolia
- Shining Fetterbush**
Lyonia lucida
- Sparkleberry**
Vaccinium arboreum
- Smooth Highbush Blueberry**
Vaccinium corymbosum
- American Persimmon**
Diospyros virginiana
- Horsesugar; Sweetleaf**
Symplocos tinctoria
- Serviceberry; Sarvis**
Amelanchier sp.
- Black Cherry**
Prunus serotina serotina
- Mimosa; Silktree**
Albizia julibrissin
- Hog-peanut**
Amphicarpaea bracteata
- Eastern Redbud**
Cercis canadensis canadensis
- Kudzu**
Pueraria montana lobata
- Flowering Dogwood**
Cornus florida
- Southern Swamp Dogwood**
Cornus stricta
- Blackgum**
Nyssa sylvatica
- Hearts-a-burstin'-with-love**
Euonymus americanus
- Little Gallberry; Inkberry**
Ilex glabra
- American Holly**
Ilex opaca opaca
- Peppervine**
Ampelopsis arborea
- Virginia-creeper**
Parthenocissus quinquefolia
- Fox Grape**
Vitis labrusca
- Muscadine; Scuppernong**
Vitis rotundifolia rotundifolia



FAUNA

- Orange Milkwort**
Polygala lutea
- Red Maple**
Acer rubrum
- Winged Sumac**
Rhus copallinum
- Eastern Poison Ivy**
Toxicodendron radicans radicans
- Carolina Jessamine**
Gelsemium sempervirens
- Brazilian Vervain**
Verbena brasiliensis
- Beautyberry; French-mulberry**
Callicarpa americana
- White Ash; American Ash**
Fraxinus americana
- Water Ash; Carolina Ash**
Fraxinus caroliniana
- Wild Olive; Devilwood**
Osmanthus americanus
- Beechdrops**
Epifagus virginiana
- Cross-vine**
Bignonia capreolata
- Trumpet-creeper**
Campsis radicans
- Lobelia**
Lobelia puberula
- Partridge-berry**
Mitchella repens
- Japanese Honeysuckle**
Lonicera japonica
- Common Elderberry**
Sambucus canadensis
- Arrow-wood**
Viburnum dentatum
- Groundsel-tree; Silverling**
Baccharis sp.
- Ironweed**
Vernonia noveboracensis
- False Turkey-tail**
Stereum ostrea
- Almond Millipede**
Sigmoria aberrans
- Millipede**
Narceus americanus
- White Micrathena (spider)**
Micrathena mitrata
- Southern Writing Spider**
Argiope florida
- Orchard Spider**
Leucauge venusta
- Short-winged Green Grasshopper**
Dichromorpha viridis
- Spur-throated Grasshopper**
Melanoplus sp.
- Katydid**
Microcentrum sp.
- Wheel Bug**
Arilus cristatus
- Frog hopper**
Prosapia bicincta
- Beech Blight Aphid**
Prociophilus imbricator
- Common Eastern Velvet-ant**
Dasymutilla occidentalis occidentalis
- Red Imported Fire Ant**
Solenopsis invicta
- Common Green Darner**
Anax junius
- Royal River Cruiser**
Macromia taeniolata
- Little Blue Dragonlet**
Erythrodiplox minuscula
- Wandering Glider**
Pantala flavescens
- Variable Dancer (damselfly)**
Argia fumipennis
- Five-banded Tiger Beetle**
Cicindela trifasciata ascendens
- Palamedes Swallowtail**
Papilio palamedes

Cloudless Sulphur
Phoebis sennae eubule
Little Yellow (butterfly)
Eurema lisa
Sleepy Orange (butterfly)
Eurema nicippe
Gulf Fritillary
Agraulis vanillae
American Lady (butterfly)
Vanessa virginiensis
Carolina Satyr (butterfly)
Hermeuptychia sosybius
Clouded Skipper
Lerema accius

Southern Toad
Anaxyrus terrestris
Green Anole; Carolina Anole
Anolis carolinensis
Five-lined or SE 5-lined Skink
Eumeces sp.
Copperhead
Agkistrodon contortrix
Turkey Vulture
Cathartes aura
Bald Eagle
Haliaeetus leucocephalus
Red-tailed Hawk
Buteo jamaicensis

Yellow-billed Cuckoo
Coccyzus americanus
Northern Flicker
Colaptes auratus
Pileated Woodpecker
Dryocopus pileatus
Blue Jay
Cyanocitta cristata
American Crow; Common Crow
Corvus brachyrhynchos
Tufted Titmouse
Parus bicolor
Carolina Chickadee
Parus carolinensis

Carolina Wren
Thryothorus ludovicianus
Northern Mockingbird
Mimus polyglottos
White-eyed Vireo
Vireo griseus
Northern Cardinal
Cardinalis cardinalis
Eastern Towhee
Pipilo erythrophthalmus
Gray Squirrel
Sciurus carolinensis



Gulf Fritillary, *Agraulis vanillae*, by Kim McManus.



Copperhead, *Agkistrodon contortrix*, by Kim McManus.



Hermit Thrush, *Catharus guttatus*, by Gene Ott.



SCAN members enjoying an outing at Hitchcock Woods, by Virginia Winn.