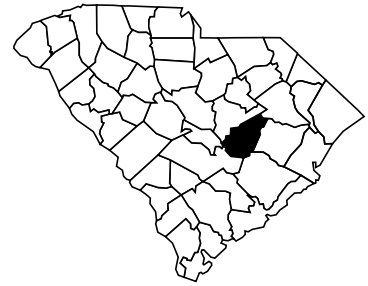


Clarendon County:

This inner coastal plain county is highly agricultural plus a 'sportsman' industry along the shore of Lake Marion for hunters and boaters. Several large creeks and small rivers flow into the Santee River, creating an extensive freshwater wetland area utilized by waterfowl.



Site Visited:

Santee National Wildlife Refuge

12/14/1996 & 02/22/2003

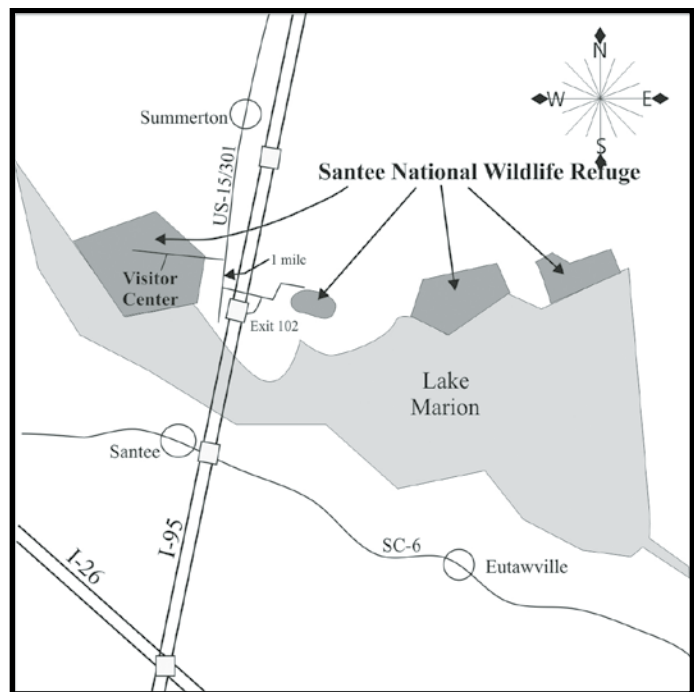
Santee National Wildlife Refuge

12/14/1996 & 02/22/2003

The location of this refuge on the north shore of Lake Marion makes it a significant place to see wintering waterfowl in South Carolina. There are several units with differing habitats, and they are not contiguous. The best way to experience the refuge is to get a quick feel for the area by exploring the area near the visitor center. There you can pick up a map to the other, separate areas of the refuge.

SCAN has managed some notable sightings on its visits. White-fronted Geese were easily visible on the 1996 visit. Other migratory and wintering birds use the refuge as well. One highlight in 1996 was the Orange-crowned Warbler; in 2003 an unsuccessful hunt for a flock of Sandhill Cranes got lots of attention but we found a young River Frog who ran afoul of an automobile. The sightings of a Bald Eagle and an Osprey helped cheer us when we failed with the Sandhill Cranes. Steady rain also made for a more restricted exploration than usual.

Directions: The entrance to the main portion of the refuge with the visitor center and nature trail is accessed on US 15 just north of Lake Marion and south of the town of Summerton. If using I-95 use Exit 102 and go west and then north about 1 mile on US 15. The refuge entrance will be on your left.



**Santee National
Wildlife Refuge
Clarendon County, SC
December 14, 1996 & February
22, 2003**

LICHENS

Graphina columbina
Graphis afzelii
Phaeographis inusta
Bacidia sp.
Cladonia cristatella
Cladonia polycarpoides
Cladonia peziziformis
Pertusaria ostiolata
Pertusaria texana

Pertusaria macounii
Maronea constans
Lecanora cupressi
Lecanora varia
Lecanora hybocarpa
Lecanora caesiurubella
 subsp. *prolifera*
Bulbothrix goebellii
Candelaria concolor
Hypotrachyna livida
Hypotrachyna pustulifera
Parmotrema
 michauxianum
Parmotrema perforatum
Parmotrema
 praesorediosum
Parmotrema rampoddense

Parmotrema sp.
Canoparmelia caroliniana
Punctelia rudecta
Rimelia reticulata
Rimelia subisidiosa
Parmelinopsis minarum
Usnea strigosa
Buellia curatellae
Physcia aipolia
Physcia alba
Physcia americana
Physcia millegrana
Physcia stellaris
Heterodermia albicans
Heterodermia obscurata
Pyxine caesiopruiosa
Amandinea punctata
Xanthoria candelaria
Ochrolechia africana
Arthonia sp.

FLORA

Bracken
 Pteridium aquilinum
Netted Chain Fern
 Woodwardia areolata
Ebony Spleenwort
 Asplenium platyneuron
Resurrection Fern
 Pleopeltis polypodioides
 michauxiana
Shortleaf Pine
 Pinus echinata
Spruce Pine
 Pinus glabra
Longleaf Pine
 Pinus palustris
Loblolly Pine
 Pinus taeda
Eastern Red Cedar
 Juniperus virginiana virginiana
Bald-cypress
 Taxodium distichum

American Frog's-bit <i>Limnobia spongia</i>	Laurel Oak <i>Quercus laurifolia</i>	American Holly <i>Ilex opaca opaca</i>	Carolina Mantis (egg) <i>Stagmomantis carolina</i>
Duckweed <i>Lemna</i> sp.	Water Oak <i>Quercus nigra</i>	Muscadine <i>Vitis rotundifolia rotundifolia</i>	Leaf-footed Bug <i>Acanthocephala femorata</i>
Mud-midgits <i>Wolffiella gladiata</i>	Cherrybark Oak <i>Quercus pagoda</i>	Red Maple <i>Acer rubrum</i>	Red Imported Fire Ant <i>Solenopsis invicta</i>
Common Rush <i>Juncus effusus solutus</i>	Willow Oak <i>Quercus phellos</i>	Winged Sumac <i>Rhus copallinum</i>	Bald-faced Hornet <i>Dolichovespula maculata</i>
Woolgrass Bulrush <i>Scirpus cyperinus</i>	Post Oak <i>Quercus stellata</i>	Smooth Sumac <i>Rhus glabra</i>	Yellowjacket <i>Vespula</i> sp.
Broomsedge <i>Andropogon virginicus</i>	River Birch <i>Betula nigra</i>	Eastern Poison Ivy <i>Toxicodendron radicans radicans</i>	Honey Bee <i>Apis mellifera</i>
Broomsedge <i>Andropogon</i> sp.	Mouse-ear Chickweed <i>Cerastium</i> sp.	Wood-sorrel <i>Oxalis</i> sp.	Sleepy Orange (butterfly) <i>Eurema nicippe</i>
Giant Cane <i>Arundinaria gigantea</i>	Common Chickweed <i>Stellaria media</i>	Southern Carolina Crane's-bill <i>Geranium carolinianum carolinianum</i>	Spring Azure (butterfly) <i>Celastrina ladon</i>
Annual Bluegrass <i>Poa annua</i>	Eastern Cottonwood <i>Populus deltoides deltoides</i>	Devil's-walking-stick <i>Aralia spinosa</i>	Monarch (butterfly) <i>Danaus plexippus</i>
Giant Plume Grass <i>Saccharum giganteum</i>	Swamp Cottonwood <i>Populus heterophylla</i>	Swamp Water-pennywort <i>Hydrocotyle ranunculoides</i>	Evergreen Bagworm Moth <i>Thyridopteryx ephemeraeformis</i>
Plume Grass <i>Saccharum</i> sp.	Black Willow <i>Salix nigra</i>	Water-pennywort <i>Hydrocotyle</i> sp.	Southern Flannel Moth (cocoon) <i>Megalopyge opercularis</i>
Common Cattail <i>Typha latifolia</i>	Mouse-ear Cress <i>Arabidopsis thaliana</i>	Carolina Jessamine <i>Gelsemium sempervirens</i>	Fall Webworm Moth (nest) <i>Hyphantria cunea</i>
Spanish-moss <i>Tillandsia usneoides</i>	Common Shepherd's Purse <i>Capsella bursa-pastoris</i>	Carolina Ponyfoot <i>Dichondra carolinensis</i>	Southern Toad <i>Anaxyrus terrestris</i>
Water Hyacinth <i>Eichhornia crassipes</i>	Hairy Bittercress <i>Cardamine hirsuta</i>	Henbit <i>Lamium amplexicaule amplexicaule</i>	Southern Cricket Frog <i>Acris gryllus</i>
Field Garlic <i>Allium vineale</i>	Short-fruited Draba <i>Draba brachycarpa</i>	Self-heal <i>Prunella vulgaris</i>	Southern Chorus Frog <i>Pseudacris nigrita</i>
Catbrier <i>Smilax bona-nox</i>	Sparkleberry <i>Vaccinium arboreum</i>	Florida Betony <i>Stachys floridana</i>	Spring Peeper <i>Pseudacris crucifer</i>
Whiteleaf Greenbrier <i>Smilax glauca</i>	Elliott's Blueberry <i>Vaccinium elliotii</i>	Corn Speedwell <i>Veronica arvensis</i>	River Frog <i>Lithobates heckscheri</i>
Sarsaparilla-vine <i>Smilax pumila</i>	American Persimmon <i>Diospyros virginiana</i>	Japanese Privet <i>Ligustrum japonicum</i>	American Alligator <i>Alligator mississippiensis</i>
Common Greenbrier <i>Smilax rotundifolia</i>	Parsley-piert <i>Aphanes microcarpa</i>	Chinese Privet <i>Ligustrum sinense</i>	Box Turtle <i>Terrapene carolina</i>
Southern Magnolia <i>Magnolia grandiflora</i>	Black Cherry <i>Prunus serotina serotina</i>	Cross-vine <i>Bignonia capreolata</i>	Slider Turtle <i>Trachemys scripta</i>
Swamp Bay <i>Persea palustris</i>	Rose <i>Rosa</i> sp.	Trumpet-creeper <i>Campsis radicans</i>	Pied-billed Grebe <i>Podilymbus podiceps</i>
Sassafras <i>Sassafras albidum</i>	Showy Rattlebox <i>Crotalaria spectabilis</i>	Buttonbush <i>Cephalanthus occidentalis</i>	Anhinga; Snakebird <i>Anhinga anhinga</i>
Yellow Lotus <i>Nelumbo lutea</i>	Honey Locust <i>Gleditsia triacanthos</i>	Tiny Bluet <i>Houstonia pusilla</i>	Double-crested Cormorant <i>Phalacrocorax auritus</i>
White Water-lily <i>Nymphaea odorata odorata</i>	Bladderpod <i>Glottidium vesicarium</i>	Japanese Honeysuckle <i>Lonicera japonica</i>	Great Egret <i>Casmerodius albus</i>
Coralbeads <i>Cocculus carolinus</i>	Spring Vetch <i>Vicia lathyroides</i>	Silverling <i>Baccharis halimifolia</i>	Great Blue Heron <i>Ardea herodias</i>
Sycamore <i>Platanus occidentalis occidentalis</i>	Autumn Silverberry <i>Elaeagnus pungens</i>	Showy Bur-marigold <i>Bidens laevis</i>	Tundra Swan <i>Cygnus columbianus</i>
Sweet Gum <i>Liquidambar styraciflua</i>	Water-milfoil <i>Myriophyllum</i> sp.	Facelis <i>Facelis retusa</i>	Greater White-fronted Goose <i>Anser albifrons</i>
Winged Elm <i>Ulmus alata</i>	Common Water-purslane <i>Ludwigia palustris</i>	Spoonleaf Purple Everlasting <i>Gamochaeta purpurea</i>	Snow Goose <i>Chen caerulescens</i>
Southern Hackberry <i>Celtis laevigata</i>	Flowering Dogwood <i>Cornus florida</i>	Virginia Dwarf-dandelion <i>Krigia virginica</i>	Canada Goose <i>Branta canadensis</i>
Pecan <i>Carya illinoensis</i>	Water Tupelo <i>Nyssa aquatica</i>	Common Dandelion <i>Taraxacum officinale</i>	Mallard <i>Anas platyrhynchos</i>
Common Wax-myrtle <i>Morella cerifera</i>	Swamp Tupelo <i>Nyssa biflora</i>	Beaked Earthstar <i>Geastrum pectinatum</i>	American Black Duck <i>Anas rubripes</i>
Chinese Chestnut <i>Castanea mollissima</i>	American Mistletoe <i>Phoradendron serotinum serotinum</i>		Gadwall <i>Anas strepera</i>
Sawtooth Oak <i>Quercus acutissima</i>	Big Gallberry <i>Ilex coriacea</i>		Green-winged Teal <i>Anas crecca</i>
White Oak <i>Quercus alba</i>	Possam-haw <i>Ilex decidua decidua</i>	FAUNA	American Wigeon <i>Anas americana</i>
Southern Red Oak <i>Quercus falcata</i>	Little Gallberry <i>Ilex glabra</i>	Asiatic Clam <i>Corbicula</i> sp.	Northern Shoveler <i>Anas clypeata</i>
		Basilica Spider <i>Mecynogea lemniscata</i>	

Ruddy Duck
Oxyura jamaicensis

Wood Duck
Aix sponsa

Canvasback
Aythya valisineria

Redhead
Aythya americana

Ring-necked Duck
Aythya collaris

Hooded Merganser
Lophodytes cucullatus

Common Moorhen
Gallinula chloropus

American Coot
Fulica americana

Killdeer
Charadrius vociferus

Common Snipe
Gallinago gallinago

Ring-billed Gull
Larus delawarensis

Forster's Tern
Sterna forsteri

Turkey Vulture
Cathartes aura

Black Vulture
Coragyps atratus

Bald Eagle
Haliaeetus leucocephalus

Northern Harrier
Circus cyaneus

Sharp-shinned Hawk
Accipiter striatus

Cooper's Hawk
Accipiter cooperii

Red-shouldered Hawk
Buteo lineatus

Red-tailed Hawk
Buteo jamaicensis

Osprey
Pandion haliaetus

American Kestrel
Falco sparverius

Mourning Dove
Zenaida macroura

Belted Kingfisher
Ceryle alcyon

Red-bellied Woodpecker
Melanerpes carolinus

Northern Flicker
Colaptes auratus

Downy Woodpecker
Picoides pubescens

Hairy Woodpecker
Picoides villosus

Yellow-bellied Sapsucker
Sphyrapicus varius

Pileated Woodpecker
Dryocopus pileatus

Eastern Phoebe
Sayornis phoebe

Tufted Titmouse
Parus bicolor

Carolina Chickadee
Parus carolinensis

Brown-headed Nuthatch
Sitta pusilla

Carolina Wren
Thryothorus ludovicianus

Golden-crowned Kinglet
Regulus satrapa

Ruby-crowned Kinglet
Regulus calendula

Eastern Bluebird
Sialia sialis

Hermit Thrush
Catharus guttatus

American Robin
Turdus migratorius

Loggerhead Shrike
Lanius ludovicianus

Northern Mockingbird
Mimus polyglottos

Brown Thrasher
Toxostoma rufum

Cedar Waxwing
Bombacilla cedrorum

Blue-headed Vireo
Vireo solitarius

Orange-crowned Warbler
Vermivora celata

Yellow-rumped Warbler
Dendroica coronata

Pine Warbler
Dendroica pinus

Northern Cardinal
Cardinalis cardinalis

Eastern Towhee
Pipilo erythrophthalmus

Savannah Sparrow
Passerculus sandwichensis

Chipping Sparrow
Spizella passerina

Dark-eyed Junco
Junco hyemalis

White-throated Sparrow
Zonotrichia albicollis

Swamp Sparrow
Melospiza georgiana

Eastern Meadowlark
Sturnella magna

Red-winged Blackbird
Agelaius phoeniceus

Brown-headed Cowbird
Molothrus ater

Common Grackle
Quiscalus quiscula

American Goldfinch
Carduelis tristis

Raccoon (tracks)
Procyon lotor

Bobcat; Wildcat (scat)
Felis rufus

White-tailed Deer
Odocoileus virginianus



Cedar Waxwing, *Bombacilla cedrorum*, by Gordon Murphy.



Yellow-bellied Slider, baby, *Trachemys scripta*, by Mary Garland Douglass.