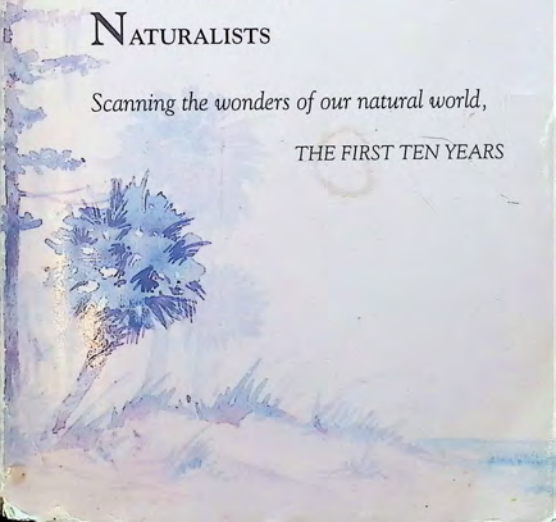


SOUTH
CAROLINA
ASSOCIATION of
NATURALISTS

Scanning the wonders of our natural world,

THE FIRST TEN YEARS



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Published for Sara Simons by:

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DEDICATION

SOUTH CAROLINA ASSOCIATION OF NATURALISTS: THE FIRST TEN YEARS

is dedicated to

Walter Simons

1925 - 1988

It was his dream that these SCAN notes be published.

From his loving wife, Sara Lee Simons, and their

Teresa, Suzanne, Nancy, Kurt, Daniel, Elizabeth, John, Matthew, and Thom.

The book is also published to honor Rudy Mancke,
SCAN's founding father and "benevolent dictator."



SARA LEE AND WALTER SIMONS



WALTER SIMONS
1925 -- 1988

PREFACE AND ACKNOWLEDGEMENTS by Sara Simons

Many of you picking up this book for the first time will know about SCAN. Others will pick up the book and ask, perhaps in confusion, hopefully in delight, "what is SCAN?" "What is this book about?"

Well, SCAN is an association of people who consider themselves naturalists. Our formal name is South Carolina Association of Naturalists, or SCAN for short. Like me, many of our members were, and are, teachers. We went back to our classrooms after the trips reported in this book, and told our students "Guess what I saw on Saturday at Forty Acre Rock?" "Weathering!" "Just as we were discussing last week!" "And at Huntington Beach State Park, I saw loons taking off from the water, I didn't know they could only take off from water, but not from land."

We used our flora and fauna lists compiled on these site visits to encourage our students to visit these wonderful South Carolina treasures. I have students who today still call me to say "Mrs. Simons, I saw a DOR (dead on the road) yesterday and thought of you." Or, "I crossed the bridge in Abbeville County last week and remembered the story you told us about the horsetails that used to grow where the dam and lake are now."

In our first ten years (1976 - 1985) we "scanned" South Carolina by making at least one hundred and ten site visits, some sites were visited annually, some only once or twice. We first met in January 1976 when interested naturalists and various scientific types met with an astronomy group to discuss plans for a new state museum. Soon, under the leadership of Rudy Mancke, at the time staff naturalist with the South Carolina Museum Commission, we officially organized SCAN.

I hope you'll enjoy sharing these site visits with us as you page through the book. Turn to Section I, Field Trip Site and Date Lists, and find a site you have visited. Or, better yet, find a site you would like to visit and turn to Section III, Site Maps, and take a family trip to match your wits with our members. See if you can find the flora and fauna today that we found -- what you do find, or even what you don't find, will be a valuable addition to our constantly changing story. All of the flora and fauna lists have room for you to note the date that you saw the same items. And use the indices freely to compare the common and scientific names of flora and

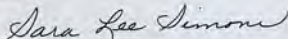
fauna, or, look up a plant name and see how often, and where, SCAN sighted the plant between 1976 and 1985. You may be interested to know that some of the sites we visited are no longer in existence due to the creation of dams and lakes, or that others are now private property and no longer available.

Throughout the short write-up of our trips, and the accompanying flora and fauna lists, you'll find a common trail – curiosity about plants, animals, and geology, and even some historical nuggets, but, mostly, many pleasure-filled days.

Rudy Mancke was our "benevolent dictator" for much of the first ten years, he insisted that we not just trek along, but that we learn from nature and from each other. SCAN member Margaret Weeks has graciously allowed me to include the poem she wrote for our members a few years ago to perhaps show you some of the humor, fun, camaraderie, and yes, hard work, that was involved in the monthly treks into South Carolina's natural world. Be sure to read "A Scan'ty Education" following these notes.

But enough preface, take "SCAN, The First Ten Years" and go see for yourself. I'm confident that you, too, will find as John Muir suggested in 1869, "when we try to pick out anything by itself, we find it hitched to everything in the universe."

With great pleasure,



ACKNOWLEDGEMENTS

This book would never have become a reality without the help, advice, and enthusiastic support of my children, my mother, Clara Allums Lee Dodgen, or our SCAN members who are amateurs and professionals in the fields of botany, biology, ornithology, forestry, medicine, chemistry, geology, biology, wildlife management, poetry, and natural history. Some were good friends from the beginning of SCAN, some became good friends during the making of this book. It has been a privilege to meet and exchange information with these many people who share the one common interest of natural history.

I must give special thanks to Anna Kay Singley for the beautiful art work.

Dee Hope, currently secretary for SCAN, was especially helpful in updating many of the maps, and reviewing pre-press copy. Thanks to Steve Bennett, South Carolina Wildlife and Marine Resources Department for the South Carolina Wildlife Facilities Atlas and to Chris Judge, also with South Carolina Wildlife and Marine Resources for his help with Heritage Trust property sites. Mike Foley of Parks, Recreation, and Tourism sent new brochures on our state parks to help update our maps for this book.

I am thankful to members Oscar and Oleta LaBorde, Tom Jones, Lynn Smith, and Florence High for their review of the entire flora and fauna lists for correct scientific names, and for answering my multitude of questions.

For help in reviewing the history of SCAN and the whole concept of the book and for all their helpful suggestions about useful indices, I extend appreciation to Gibbes and Connor Patton, Frances Crawford, Charles Lewis, Linda Winecoff and, of course, Rudy Mancke.

And a special "thanks" to Daphne and Tom Clonts for believing in the book when it was still a "wish," and for introducing me to my editor, Barbara A. Johnson of Editorial Resources Unlimited who said, "Of course, you can do it." And then she turned the "wish" into reality.

All of the contributions mentioned, and all of the sharing of skills, knowledge, and selflessness have created a valuable gift for all South Carolinians.

Walter would have been pleased!

A SCAN-TY EDUCATION by M. Weeks, 12/6/82

Since I graduated *Magna Cum Dumb*
(Never once having heard of baculum),
Acutely aware of my Zero Degree
In nearly every kind of -ology,
It seemed to be my natural duty
To garner some wildlife facts from Rudy.
(Rudy is a very knowledgeable Man -
cke to the naturalists' group he named SCAN.)
Optimistically I started to learn
How to trip over fields, and tell "Tern" from "Fern."
(Some things seemed strange, but I jotted them down
To memorize when I got back to town) :

Wild roses rarely wiggle their hips,
Snakes aren't seen kissing, but they do have lips.
Walking Sticks can climb and aren't for support,
Courting beasts and birds don't go to court.
Damsels and Dragons and Butter fly,
And Mag is a really big piece of pie.
Tigers, Kites, and Zebras swallow their tails.
Birds are not fences, but sometimes are Rails.
"Girlchild" is no synonym for Dodder,
Though Cats do not, their tails prefer water.

Hives people have are not like those of Bees,
Bald Cypressess don't have arthritic knees.
Fossilize can't see - Paw Paws aren't feet,
There's a flower called Foam, a moss named Peat.
Ticks are not clock sounds, some weeds are called Milk.
Mullein may be Moth, a Moth may be silk,
Trilliums don't trill, Dollars are weeds.
Peas are not Nuts, yet Peanuts are seeds.
Organ Pipes are Wasps (in sex, I am told)
Box Elder is not a box that's grown old.

Smilax and Beetles may both Carrion.
I believe Boneset is set without bone.
Bedstraw I find are never near beds.
Nodding Lady's Tresses have no hair on their heads.
Skylarks, they say, are not made of sky.
It seems that some plants live only to dye.
Meadows sometimes can have a real Lark
Dog is a wood with a silent, rough bark.
Indian Paint Brush might have its own style.
And would you believe, a fish is a file?
With spears, spikes and blades, the grass and I panic
South Carolina is my state, (but, then, so is manic)...

A naturalist I may not ever become,
But I will never forget baculum!

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INTRODUCTION by Rudy Mancke

In January 1975 I became Curator of Natural History for the fledgling South Carolina State Museum. It was clear to me from the beginning that there was a need to know more about the natural history of South Carolina. Baseline data were essential to plan exhibits properly for the museum, and a better understanding of the natural world would be useful to many state agencies and other groups. I realized I could not gather that information alone. As a naturalist, I had worked on my own for many years, so it seemed logical to assume there were other naturalists throughout the state who had been doing the same thing. I was sure they would be willing to share what they had learned. The question was how to get them together. I decided to form an association of those naturalists, organized under the auspices of the South Carolina State Museum.

In January 1976, the South Carolina Association of Naturalists - SCAN, for short - was organized. The association would "scan" the state for natural history information. It was to be field trip oriented, with monthly meetings in the field. Lists of the flora and fauna observed on each trip would be compiled and shared with the membership and other interested parties. Thirty-five people attended that first meeting, held at the Town House in Columbia. All of the attendees had specific interests of their own - birds, wildflowers, butterflies, etc. Even though they had preferences, all of them had a general interest that made them naturalists. They were ready to share their information and eager to gather more. The group decided to be collectors of experiences, not specimens. Dues were \$5 per year. This paid for the monthly newsletter production and distribution.

From the beginning, people made the difference. There was a special camaraderie that appeared out of nowhere. Great friendships began to develop. The members were drawn together by mutual interests in natural history, but something else was going on. We depended on each other as we shared adventures in the field. The more field trip experiences we had, the closer we became as a group. Everyone gave of themselves and everyone received something in return. That process of give and take broadened each member's view of the world. As the flora/fauna lists were shared, it became clear that we had learned more about many

SCAN: THE FIRST TEN YEARS

areas than had ever been known before. The lists were making a difference. The baseline data I had hoped for was coming in.

I became, for want of a better term, the "benevolent dictator" of SCAN. The State Museum continued to support the association, and the membership grew. We had one indoor meeting a year. That meeting gave us a chance to review the past year and plan the year to come. One of the highlights of those meetings was a slide show used as the basis for the yearly review. We were able to identify again the interesting plants, animals, fossils, etc. we'd seen over the past few months. Slides taken by the various members were included, and the adventures of earlier trips were relived. Objects would be brought along for "show and tell." The indoor meeting became a bridge between the old year and the new one.

As the years went by, SCAN became an integral part of the lives of its members. Saturday field trips were rarely missed. Some were expanded to overnight trips. Members took part no matter what the weather conditions might be. We had marvelous field trips in the rain and snow. As membership grew, the association decided to become incorporated, and, in 1982 SCAN became registered with the State of South Carolina. The reign of the benevolent dictator had come to an end. At this writing, SCAN continues to be a viable organization, collecting and sharing natural history information with people throughout the United States.

As I look back on those first ten years, it's clear that they were some of the best years of my life. Experiences I had then are still fresh in my memory. Many of the people I walked the woods with in those days are gone now, and yet, in my mind, they are still with me. I remember the adventures we had together. My life has been enriched by this organization more than I can put into words. I'm a better naturalist than I would have been without SCAN. I am a better person than I would have been otherwise. I can say with pride that I would not trade those experiences for anything in the world. As every naturalist knows, we are all a part of something bigger than ourselves. We are connected in a myriad of ways with the world of nature. SCAN, for me, pulled together many of the threads that make up the fabric of life. What could be better than that?

This book is dedicated to the memory of Walter Simons by his wife Sara who brought to reality her vision of a single volume that included the organization's first ten years of scanning South Carolina's flora, fauna, and fossils. Walter's knowledge and wonderful personality added greatly to the success of the organization.

Rudy Mancke





SECTION I:

FIELD TRIP SITE AND DATE LISTS

FIELD TRIP SITES AND DATES

ALPHABETIZED BY COUNTY

SITE	DATE
ABBEVILLE COUNTY	
Beaver Pond (No longer in existence.)	26Jun76
Diamond Hill Mineral Mine	26Oct85
Sumter National Forest	26May84
Trotter's Shoals (Now underwater as Richard Russell Lake.)	2Oct76 25Mar78 22Aug81
AIKEN COUNTY	
Hitchcock Woods	15Jul78
Silver Bluff Plantation Sanctuary (Now Audubon property, contact Dan Connelly, 4542 Silver Bluff Rd, Jackson, SC, 29831, 827-0781.)	19Mar83
ALLENDALE COUNTY	
Chert Quarry (Now private property, no longer available.)	27Mar82
BEAUFORT COUNTY	
Huntington Island State Park	18-19Sep82
Waddell Mariculture Center	27Jul85
BERKELEY COUNTY	
Francis Marion National Park	19Jun82

SCAN: THE FIRST TEN YEARS

CHARLESTON COUNTY

Blake's Reserve (Now known as Santee Coastal Reserve.)	17Jun78
Edisto Beach State Park and Dodge Plantation (Plantation is now private property, and no longer available.)	27-28Oct84
Edisto Island	19-20Sep81 24-25Sep83
Fort Johnson	16Aug80
Fort Johnson and Edisto Island	24-25Apr76
Santee Coastal Reserve (Was known as Blake's Reserve.)	24Mar84
Seabrook Island/Barrier Island Environmental Center	28Sep85

CHESTER COUNTY

Landsford Canal State Park	22May82
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CHESTERFIELD COUNTY

Carolina Sandhills National Wildlife Refuge	20Nov76 5Dec81
Carolina Sandhills National Wildlife Refuge and Sugar Loaf Mountain	25Feb84
Cheraw State Park and Fish Hatchery	22-23Sep84

CLARENDON COUNTY

Santee National Wildlife Refuge	3Dec77 2Dec78 1Dec79 4Dec82
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COUNTIES VISITED

COLLETON COUNTY

Botany Bay Island (Private property, no longer available.)	19-20Aug78
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DARLINGTON COUNTY

Witherspoon Island	27Oct79
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DORCHESTER COUNTY

Beidler Forest	25Jul81
Giant Portland Cement Quarry	28Aug76 24Sep77 29Sep79 24Oct81
Gifford Hill Quarry (Private property, no longer available.)	28Oct78
Givhan's Ferry State Park	20Aug83

FAIRFIELD COUNTY

Broad River Waterfowl Area	10Nov84
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FLORENCE COUNTY

Burches Ferry	6Dec80
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GEORGETOWN COUNTY

Brookgreen Gardens	19Nov83
Debidue Beach (deBordieu) (Private property, now unavailable.)	20Feb82
Huntington Beach State Park	24Feb79 16Feb80 21Feb81

GREENVILLE COUNTY

Caesar's Head and Raven Cliff Falls	25Aug84
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SCAN: THE FIRST TEN YEARS

GREENVILLE COUNTY (Cont'd)

Jones Gap, Lower Area	22Jun85
Oil Camp Road	27Mar76
Raven Cliff Falls	18Aug79 18Oct80 23Oct82

HAMPTON COUNTY

Belmont Plantation (Now known as Webb Wildlife Center.)	27Aug77
Webb Wildlife Center (Was known as Belmont Plantation.)	23May81

HORRY COUNTY

Carolina Bay (Now known as Lewis Ocean Bay.)	21Jul79
Carolina Bay and Savannah (Now known as Lewis Ocean Bay.)	21May77
Myrtle Beach Farms (Permission MUST be obtained.)	26Feb83 7Dec85

JASPER COUNTY

Savannah National Wildlife Refuge	1Dec84
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KERSHAW COUNTY

Boykin Mill Pond	23Jun84
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LANCASTER COUNTY

Catawba River (Site unsafe, for similar trip, see Landsford Canal map, page III-19.)	29Oct77
Flat Creek Natural Area	13Apr85

COUNTIES VISITED

LANCASTER COUNTY (Cont'd)

Forty-Acre Rock	15May76 27Jun81
Haile Gold Mine (Access by permission only.)	23Sep78

LEXINGTON COUNTY

Peach Tree Rock	20Sep80 21May83
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MCCORMICK COUNTY

Steven's Creek	23Jun79
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NEWBERRY COUNTY

Henderson Island	23Jul77
Little Mountain	26Mar77

OCONEE COUNTY

Burrell's Ford	22Oct83
Carolina Mountains	24Apr77 29-30Apr78
Oconee State Park, Brasstown Falls, and Walhalla Fish Hatchery	28,29Apr84
Station Falls and Fish Hatchery	24,25Apr82
Stumphouse Tunnel and Burrell's Ford	26,27Apr80

ORANGEBURG COUNTY

Four-Holes Swamp	13Mar76
Santee Sinkholes (Obtain permission at Santee State Park Headquarters.)	22Mar80

PICKENS COUNTY

Sassafras Mountain and Table Rock State Park	27-28Apr85
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SCAN: THE FIRST TEN YEARS

PICKENS/GREENVILLE

Table Rock State Park and Jones Gap	28-29Apr79
Table Rock State Park and Wildcat Wayside	16-17Apr83
Table Rock State Park, Wildcat Wayside, and Jones Gap	25-26Apr81

RICHLAND COUNTY

Congaree River Bottom (Now known as Congaree Swamp National Monument.)	8Jan77 14Jan78 24Mar79 14Jan78 24Mar79
Congaree Swamp National Monument	24May80 21Mar81

SPARTANBURG COUNTY

Camp Croft State Park	20May78
Soapstone Ridge (Now Heritage Trust property, open to public but ABSOLUTELY NO COLLECTING.)	21Aug82

SUMTER COUNTY

Beech Creek (Private property, no longer available.)	25Jun77
Paris Mountain	23Jul83
Poinsett State Park	24Jul82 23Feb85
Wood's Bay State Park	21Jun80
Wenee Woods (Dabbs Residence) (Private property; contact Ms. Evelyn Dabbs, Wenee Woods, Rt. #1 Box 64, Mayesville, SC 29104.)	26May79 25May85

COUNTIES VISITED

TRANSYLVANIA COUNTY, NORTH CAROLINA

Charlie's Acres (Private property, for similar trip, see Pisgah National Forest.)	24Aug85
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WILLIAMSBURG COUNTY

Black River	18Jun83
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YORK COUNTY

King's Mountain State Park	19Jul80 28Jul84
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FIELD TRIP SITES AND DATES

ALPHABETIZED BY SITE NAME

SITE	COUNTY	DATE
Beaver Pond (No longer in existence.)	Abbeville	26Jun76
Beech Creek (Private property, no longer available.)	Sumter	25Jun77
Beidler Forest	Dorchester	25Jul81
Belmont Plantation (Now known as Webb Wildlife Center.)	Hampton	27Aug77
Black River	Williamsburg	18Jun83
Blake's Reserve (Now known as Santee Coastal Reserve.)	Charleston	17Jun78
Botany Bay Island (Private property, no longer available.)	Colleton	19-20Aug78
Boykin Mill Pond	Kershaw	23Jun84
Broad River Waterfowl Area	Fairfield	10Nov84
Brookgreen Gardens	Georgetown	19Nov83
Burches Ferry	Florence	6Dec80
Burrell's Ford	Oconee	22Oct83
Caesar's Head and Raven Cliff Falls	Greenville	25Aug84
Camp Croft State Park	Spartanburg	20May78
Carolina Bay (Now known as Lewis Ocean Bay.)	Horry	21Jul79
Carolina Bay and Savannah (Now known as Lewis Ocean Bay.)		21May77
Carolina Mountains	Oconee/Pickens	24Apr77 29-30Apr78

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Carolina Sandhills National Wildlife Refuge	Chesterfield	20Nov76 5Dec81
Carolina Sandhills National Wildlife Refuge and Sugar Loaf Mountain	Chesterfield	25Feb84
Catawba River (Site unsafe, for similar trip, see Landsford Canal map, page III-19)	Lancaster	29Oct77
Charlie's Acres (Private property, for similar trip, see Pisgah National Forest map.)	Transylvania,NC	24Aug85
Cheraw State Park and Fish Hatchery	Chesterfield	22,23Sep84
Chert Quarry (Now private property, no longer available.)	Allendale	27Mar82
Congaree River Bottom (Now known as Congaree Swamp National Monument.)	Richland	8Jan77 14Jan78 24Mar79
Congaree Swamp National Monument	Richland	24May80 21Mar81
Debidue Beach (deBordieu) (Private property, now unavailable.)	Georgetown	20Feb82
Diamond Hill Mineral Mine	Abbeville	26Oct85
Edisto Beach State Park and Dodge Plantation (Plantation is now private property and is unavailable.)	Charleston/Colleton	27,28Oct84
Edisto Island	Charleston	19-20Sep81 24-25Sep83
Flat Creek Natural Area	Lancaster	13Apr85
Fort Johnson	Charleston	16Aug80
Fort Johnson and Edisto Island	Charleston	24-25Apr76

SITES VISITED

Forty-Acre Rock	Lancaster	15May76 27Jun81
Four-Holes Swamp	Orangeburg	13Mar76
Francis Marion National Forest	Berkeley	19Jun82
Giant Portland Cement Quarry	Dorchester	28Aug76 24Sep77 29Sep79 24Oct81
Gifford Hill Quarry (Private property, no longer available.)	Dorchester	28Oct78
Givhan's Ferry State Park	Dorchester	20Aug83
Haile Gold Mine (Access by permission only.)	Lancaster	23Sep78
Henderson's Island	Newberry	23Jul77
Hitchcock Woods	Aiken	15Jul78
Huntington Beach State Park	Georgetown	24Feb79 16Feb80 21Feb81
Hunting Island State Park	Beaufort	18-19Sep82
Jones Gap, Lower Area	Greenville	22Jun85
King's Mountain State Park	York	19Jul80 28Jul84
Landsford Canal State Park	Chester	22May62
Little Mountain	Newberry	26Mar77
Myrtle Beach Farms (Permission MUST be obtained.)	Horry	26Feb83 7Dec85
Oconee State Park, Brasstown Falls, and Walhalla Fish Hatchery	Oconee	28-29Apr84

SCAN: THE FIRST TEN YEARS

Oil Camp Road	Greenville	27Mar76
Paris Mountain	Greenville	23Jul83
Peach Tree Rock	Lexington	20Sep80 21May83
Poinsett State Park	Sumter	24Jul82 23Feb85
Raven Cliff Falls	Greenville	18Aug79 18Oct80 23Oct82
Santee Coastal Reserve	Charleston	24Mar84
Santee National Wildlife Refuge	Clarendon	3Dec77 2Dec78 1Dec79 4Dec82
Santee Sinkholes (Obtain permission at Santee State Park Headquarters.)	Orangeburg	22Mar80
Sassafras Mountain, Stumphouse Tunnel, Table Rock State Park	Pickens	27,28Apr85
Savannah National Wildlife Refuge	Jasper	1Dec84
Seabrook Island/Barrier Island Environmental Center	Charleston	28Sep85
Silver Bluff Plantation Sanctuary (Now Audubon property, contact Dan Connelly, 4542 Silver Bluff Rd, Jackson, SC, 29831, 827-0781.)	Aiken	19Mar83
Soapstone Ridge (Now Heritage Trust property, open to public but absolutely no collecting.)	Spartanburg	21Aug82
Station Falls and Fish Hatchery	Oconee	24,25Apr82
Steven's Creek	McCormick	23Jun79
Stumphouse Tunnel, Burrell's Ford	Oconee	26,27Apr80
Sumter National Forest	Abbeville	26May84

SITES VISITED

Table Rock State Park and Jones Gap	Pickens/Greenville	28-29Apr79
Table Rock State Park, Wildcat Wayside	Pickens/Greenville	16-17Apr83
Table Rock State Park, Wildcat Wayside and Jones Gap	Pickens/Greenville	25-26Apr81
Trotter's Shoals (Now underwater as Richard Russell Lake.)	Abbeville	2Oct76 25Mar78 22Aug81
Waddell Mariculture Center	Beaufort	27Jul85
Webb Wildlife Center (Was known as Belmont Plantation)	Hampton	23May81
Witherspoon Island	Darlington	27Oct79
Wood's Bay State Park	Sumter	21Jun80
Wenee Woods (Dabbs Residence) (Private property, contact Ms. Evelyn Dabbs, Wenee Woods, Rt. #1 Box 64, Mayesville, SC 29104)	Sumter	26May79 25May85



SECTION II:

FIELD TRIP FLORA AND FAUNA LISTS

FIELD TRIP FLORA AND FAUNA LISTS

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1976 FIELD TRIP LIST

DATE	SITE VISITED	COUNTY	PAGE
13 Mar 76	Four-Holes Swamp	Orangeburg	II-5
27 Mar 76	Organizational Meeting	Greenville	II-7
27 Mar 76	Oil Camp Road	Greenville	II-9
24-25 Apr 76	Fort Johnson-Edisto	Charleston	II-11
15 May 76	Forty-Acre Rock	Lancaster	II-14
26 Jun 76	Beaver Pond	Abbeville	II-16
28 Aug 76	Giant Portland Cement Quarry	Dorchester	II-18
2 Oct 76	Trotter's Shoals	Abbeville	II-20
20 Nov 76	Carolina Sandhills NWR	Chesterfield	II-23



FOUR-HOLES SWAMP

13 March 1976

The meeting of the 13th was muddy and wet at first, but it turned out to be especially rewarding. There were 26 people who braved the elements, with most of the members coming from the Piedmont -- Greenville and Clemson. The wet weather brought out a few organisms that are not usually seen in sunny weather. Clearing skies and sunlight in the mid-afternoon aroused other varieties to activity. We divided into groups and explored a large area. Each group either collected or recorded what it saw, and we gathered at 2 p.m. for a sharing session. We all were impressed with the variety of interesting things we saw. Fossil material was also noted, so the trip took in both the present and the past of the area.

Rudy E. Mancke, SCAN President

Location: Orangeburg County

FLORA

Butterwort
Pinguicula lutea

Sundew
Drosera intermedia

Chokeberry
Aronia arbutifolia

Squaw Root
Conopholis americana

Hooded Pitcher Plant
Sarracenia minor

FAUNA

Redfin Pickerel
Esox americanus

Warmouth
Chaenobryttus gulosus

Mosquito Fish
Gambusia affinis

Pigmy Sunfish
Elassoma zonatum

Tessalated Darter
Etheostoma olmstedt

Coastal Shiner
Notropis petersoni

Bluegill
Lepomis macrochirus

Swamp Darter
Etheostoma fusiforme

Ironcolored Shiner
Notropis chalybaeus

Redbreast
Lepomis auitus

Sawcheeked Darter
Etheostoma semiferrum

Pirate Perch
Aphredoderus sayanus

SCAN: THE FIRST TEN YEARS

FAUNA (Cont'd)

Swampfish <i>Chologaster cornuta</i>	Broad-headed Skink <i>Eumeces laticeps</i>	Bluejay <i>Cyanocitta cristata</i>
Yellow Bullhead <i>Ambystoma opacum</i>	Brown Water Snake <i>Natrix taxipilota</i>	Sharp-shinned Hawk <i>Accipiter striatus</i>
Little Grass Frog <i>Limnaeodius ocularis</i>	Red-bellied Water Snake <i>Natrix e. erythrogaster</i>	Chickadee <i>Parus carolinensis</i>
River Frog <i>Rana heckscheri</i>	Greenish Rat Snake <i>Eliaph e. obs. X quad.</i>	Thrasher <i>Toxostoma rufum</i>
S. Chorus Frog <i>Pseudacris n. nigrita</i>	Canebrake Rattlesnake <i>Crotalus h. atricaudatus</i>	Carolina Wren <i>Thryothorus ludovicianus</i>
Squirrel Tree Frog <i>Hyla squirella</i>	Yellow-shafted Flicker <i>Colaptes auratus</i>	Ruby-crowned Kinglet <i>Regulus calendula</i>
S. Toad <i>Bufo terrestris</i>	Parula Warbler <i>Parula americana</i>	White-throated Sparrow <i>Zonotrichia albicollis</i>
Marbled Salamander <i>Ambystoma opacum</i>	Yellow-bellied Sapsucker <i>Sphyrapicus varius</i>	Pine Warbler <i>Dendroica pinus</i>
Slimy Salamander <i>Plethodon g. glutinosus</i>	American Egret <i>Casmerodius albus</i>	Blue-gray Gnatcatcher <i>Polioptila caerulea</i>
E. Mud Turtle <i>Kinostemon s. subrubrum</i>	Barred Owl <i>Strix varia</i>	Tufted Titmouse <i>Parus bicolor</i>
Spotted Turtle <i>Clemmys guttata</i>	Field Sparrow <i>Spizella pusilla</i>	Cardinal <i>Richmondia cardinalis</i>
Yellow-bellied Turtle <i>Chrysemys s. scripta</i>	Pileated Woodpecker <i>Dryocopus pileatus</i>	Yellowthroat <i>Geothlypis trichas</i>
Green Anole <i>Anolis c. carolinensis</i>	Downy Woodpecker <i>Dendrocopos pubescens</i>	White Ibis <i>Eudocimus albus</i>
Fence Lizard <i>Sceloporus undulatus</i> asp.	Red-tailed Hawk <i>Buteo jamaicensis</i>	Belted Kingfisher <i>Megasceryle alcyon</i>
Ground Skink <i>Laelolopisma laterale</i>	Black Vulture <i>Coragyps atratus</i>	Cotton Mouse <i>Peromyscus gossypinus</i>

ORGANIZATIONAL MEETING

27 March 1976

Rudy Mancke, acting coordinator with Gary Smith, opened the organizational meeting of the South Carolina Naturalists Association with the introductions of prospective members.

A proposal was made by Rudy to elect a core of officials. Gary Smith then suggested that the duties of each officer be recorded, and they are as follows:

President: Coordinator of all functions, spokesman for group, and presider of group.

Vice-President: Coordinator of regional directors, coordinator with president on activities of Association, and coordinator for field trips.

Secretary-Treasurer: Taker of minutes of meetings, keeper of monies, and organizer of communications.

Rudy Mancke was elected, by acclamation, as president, Gary Smith, as vice-president, and Sandra Weeks as Secretary-Treasurer.

The group decided to collect monthly dues which will, among other things, cover the cost of publishing and mailing a monthly newsletter to members. Dave Lewis volunteered to be the Association's photographer, and film will be bought from the dues fund. Dues will be collected on April 24 and 25 and recorded in a receipt book purchased by the Association. Dues were set at \$5 to be paid at one collection time per year.

A motion was made and carried that the officers would decide on a time and place for the next monthly meeting to be held April 24-25. Each meeting is to be associated with a field trip(s). It was unanimously carried that the April field trip would include a visit to SC Marine Resources Center at Charleston, SC and the estuaries around Folly Beach.

SCAN: THE FIRST TEN YEARS

The Secretary will compile a list of resource people for contacts about field trip possibilities. The following field trips were suggested during this meeting: SC Marine Resources, Savannah River Plant (Ecology Lab), Bulls Island, Ellicott's Rock, Wallahalla National Fish Hatchery, Green River Gorge, Hell-Hole Swamp, Congaree Swamp, Brookgreen Gardens, Fort Watson (bird-watching and etc.), Forty-Acre Rock, and the Limestone quarry near Harleyville, SC.

It was decided that SC Museum of Science would have first option of keeping any specimens collected by members on field trips. The following ideas were also discussed:

- o A volunteer salvage team for saving valuable natural history artifacts and/or fossils.
- o Sets of slides of various subjects of natural history would be made for members' use. None of the slides would be printed without the owner's or the Association's consent.

The group had a dutch-treat lunch and met for an afternoon field trip to Oil Creek Rd. in North Greenville County.

Respectfully submitted,

Sandra A. Weeks, Secretary-Treasurer.

NOTE: A checking account has been opened in the Association's name with the Secretary-Treasurer as the official check-writer. Dues collected at the above meeting were \$45. March expenses so far are \$1.47 for a record book and \$0.49 for a receipt book, totaling \$2.04 with tax.

OIL CAMP ROAD

27 March 1976

Our trip into the mountains of Greenville County was a most pleasant one. Wildflowers were out in great variety and Dr. Leland Rodgers of Furman University went along as the resource botanist. A list of organisms that caught our eyes is attached. These lists are not all inclusive, but they do give you a feel for the area we visited. A special thanks goes to Mrs. Howard Spencer for her help with the flora list.

Rudy E. Mancke, SCAN President

Location: Greenville County

FLORA

Trout Lily <i>Erythronium americanum</i>	Robin's Plantain <i>Erigeron pulchellus</i>	Golden Alexander <i>Zizia trifoliata</i>
Long-spurred Violet <i>Viola rostrata</i>	Sundew <i>Drosera rotundifolia</i>	Dwarf Iris <i>Iris verna</i>
Halberd-leaved Violet <i>Viola hastata</i>	Heartleaf <i>Hexastylis shuttleworthii</i>	Yellowroot <i>Xanthoxylis simplicissima</i>
Primrose-leaved Violet <i>Viola primulifolia</i>	Pipsissewa <i>Chimaphila maculata</i>	Sassafras <i>Sassafras albidum</i>
Common Blue Violet <i>Viola papilionacea</i>	Hawkweed <i>Hieracium pratense</i>	Sweet Shrub <i>Calycanthus floridus</i>
Beechdrops <i>Epifagus virginiana</i>	Bluets <i>Houstonia serpyllifolia</i>	Dogwood <i>Cornus florida</i>
Solomon's Seals <i>Polygonatum biflorum</i>	Jack In The Pulpit <i>Arisaema triphyllum</i>	American Holly <i>Ilex opaca</i>
Bloodroot <i>Sanguinaria canadensis</i>	Cross Vine <i>Aristolochis capreolata</i>	Red Alder <i>Alnus rubra</i>
Pussy Toes <i>Antennaria solitaria</i>	Partridgeberry <i>Mitchella repens</i>	Sweet Birch <i>Betula lenta</i>

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Red Bud
Cercis canadensis

Beech
Fagus grandiflora

Mountain Laurel
Kalmia latifolia

Sweetgum
Liquidambar styraciflua

Red Maple
Acer rubrum

Silverbell
Halesia carolina

Witch Hazel
Hamamelis virginiana

Strawberry Bush
Euonymus americanus

Shadbush
Amelanchier arborea

Trailing Arbutus
Epigaea repens

Foam Flower
Tiarella cordifolia

FAUNA

Belted Kingfisher
Megasceryle alcyon

Ground Skink
Leiopeltis laterale

E. Garter Snake
Thamnophis s. sirtalis

E. Worm Snake
Carphophis a. amoenus

Bullfrog
Rana catesbeiana

Red-spotted Newt
Notophthalmus v. viridescens

N. Dusky salamander
Desmognathus f. fuscus

Mountain Dusky Salamander
Desmognathus ochrophaeus

Shovel-nosed Salamander
Leurognathus marmoratus

Appalachian Woodland
Salamander
Plethodon jordani

Blue Ridge Two-lined Sala-
mander
Eurycea b. wilderae

E. Mud Salamander
Pseudotriton m. montanus

N. Red Salamander
Pseudotriton r. ruber

Black-chinned Red Salaman-
der
Pseudotriton r. schencki

Land Snail
Haplotrema concavum

Woodland Snail
Triodopsis albolabris



FT. JOHNSON-EDISTO ISLAND

24-25 April 1976

The meetings of 24 and 25 April proved to be interesting ones. On Saturday, the 24th, we toured the South Carolina Marine Resources' laboratories on Fort Johnson overlooking Charleston Harbor. Billy Boothe, a fellow SCAN member, led the tour of the new facility. The capacity for both estuarine and open-ocean studies was pointed out. After a quick lunch, we moved on to do some seining off of the Isle of Palms. Jellyfish were abundant, but our seining brought up little else. Beachcombing was good, though, and we got to see a good representation of marine life in the shallows. Eight phyla of animals were seen in the collections. There was some night hunting on Edisto Island that produced a fair variety of herptiles. Green treefrogs were out in abundance, calling from ponds on the island. On Sunday, the 25th, we walked the beach at Edisto and seined Jeremy Inlet. Some fossil material was found, along with a number of shells and some Indian pottery. Some interesting fish were also collected.

Rudy E. Mancke, SCAN President

Location: Charleston County

FLORA

Coral Bean
*Erythrina herbacea*Cross Vine
*Anisostichus capreolata*Sea Lettuce
Ulva sp.Toadflax
*Linaria canadensis*Glasswort
Salicornia sp.

FAUNA

Phylum Porifera sponges

Sea Pansy
Renilla reniformis

Phylum Nemertinea

Phylum Coelenterata
Whip Coral
Leptogorgia virgulata

Jellyfish

Phylum Bryozoa
Bugula and *Membranipora*

SCAN: THE FIRST TEN YEARS

FAUNA (Cont'd)

Phylum Mollusca
Knobbed Whelk
Buccinum undatum

Common Baby's Ear
Sinu perspicillatus

Atlantic Moon Snail
Polinices duplicatus

Atlantic Slipper Shell
Crepidula fornicata

E. White Slipper Shell
Crepidula plana

Lettered Olive
Olive sayana

Incongruous Ark
Anadara brasiliana

Atlantic Ribbed Mussel
Modiolus demissus

Atlantic Wing Oyster
Pteris colymbus

Saw-toothed Pen Shell
Atrina serrata

Kitten's Paw
Plicatula gibbosa

Atlantic Jingle Shell
Anomia simplex

E. Oyster
Crassostrea virginica

Giant Atlantic Cockle
Dinocardium robustum

N. Quahog
Mercenaria mercenaria

Alternate Tellin
Tellina alternata

Florida Coquina
Donax variabilis

Atlantic Jackknife Clam
Ensis directus

Phylum Annelida
Parchent-tube Worm
Chaetopterus variopedatus

Sand-tube Worm
Sabellaria sp.

Phylum Arthropoda
Horseshoe Crab
Limulus polyphemus

Fiddler Crab
Uca sp.

Ghost Crab
Ocypode quadrata

Common Spider Crab
Libinia emarginata

Blue Crab
Callinectes sapidus

Barnacles
Balanus sp.

Phylum Echinodermata
Sanddollar
Mellita quinquesperforata

Mud Star
Otenodiscus crispatus

Phylum Chordata
Pipefish
Syngnathus sp.

Filefish
Stephanolepis hispidus

Mummichog
Fundulus heteroclitus

Green Treefrog
Hyla cinerea

S. Toad
Bufo terrestris

S. Leopard Frog
Rana utricularia

E. Ribbon Snake
Thamnophis s. sauritus

Greenish Rat Snake
Elaphe o. obs. X quad.

Banded Water Snake
Natrix f. fasciata

E. Cottonmouth
Agkistrodon p. piscivorus

N. Scarlet Snake
Cemophora c. copei

Corn Snake
Elaphe g. guttata

S. Copperhead
Agkistrodon c. contortrix

Black Racer
Coluber c. ssp.

E. Hognose Snake
Heterodon platyrhinos

Rough Green Snake
Opheodrys aestivus

Green Anole
Anolis c. carolinensis

Ground Skink
Leiopisma laterale

White Ibis
Guara alba

FAUNA (Cont'd)

Snowy Egret
Leucophoyx thula

Willet
Catoptrophorus semipalmatus

Opossum
Didelphis marsupialis

Laughing Gull
Larus atricilla

Brown Pelican
Pelecanus occidentalis

FOSSILS

Horse teeth
Equus sp.

Elephant tooth fragment
Parelephas sp.

Stingray barb and dental plates
Dasyatis sp.

Capybara tooth
Hydrochoerus sp.

Armadillo scute
Chlamydotherrum sp.

Sand, Tiger and Ground
Shark teeth
Odontaspis, Galeocerdo,
Carcharhinus

Mastodon tooth fragment
Mammut americanum

Alligator skull fragment
Alligator mississippiensis



FORTY ACRE ROCK

15 May 1976

The meeting at 40 Acre Rock on 15 May was a wet one. With the violent weather across South Carolina, only a few members were present for the outing. This reminded me that we need a mechanism for deciding to call off a field trip if necessary. As of yet, I have come up with no good solution to that problem. Perhaps you have an idea.

The weather cleared long enough for us to get a good walk around the rock outcrop. The plant life in depressions on the rock and along the edges was very interesting. We saw a mixture of coastal plain and piedmont species, along with a few varieties only found on outcrops of rock such as these.

The geological aspects of the trip added to the uniqueness of the area. The coarse-grained granite that made up the outcrop is about 350 million years old and has been cut by about 200 million year old diabase dike. The weathering of the granite was interesting to note. Lichens were doing their work, contributing to the primary succession that produced enough soil to support a greater variety of plant life.

Rudy E. Mancke, SCAN President

Location: Lancaster County

FLORA

Carolina Maple
Acer rubrum tridens

Pussy-toes
????*Antennaria*

Wild Ginger
Hexastylis sp.

White Milkweed
Asclepias variegata

Cross-vine
Anisostichus capreolata

Sedge
Carex sp.

Hickory
Carya sp.

Redbud
Cercis canadensis

Spotted Wintergreen
Chimaphila maculata

Coreopsis
Coreopsis sp.

Flowering Dogwood
Cornus florida

Daisy Fleabane
Erigeron pulchellus

FLORA (Cont'd)

Hearts-Bursting-with-Love <i>Euonymus americanus</i>	Racemed Milkwort <i>Polygala polygama</i>	Goat's Rue <i>Tephrosia virginiana</i>
Joe-pye-weed <i>Eupatorium purpureum</i>	Virginia Creeper <i>Parthenocissus quinquefolia</i>	Winged Elm <i>Ulmus alata</i>
Spurge <i>Euphorbia sp.</i>	Rock Chestnut Oak <i>Quercus prinus</i>	Sparkleberry <i>Vaccinium sp.</i>
Yellow Jassamine <i>Gelsemium sempervirens</i>	Azalea <i>Rhododendron sp.</i>	Black Haw <i>Viburnum sp.</i>
Houstonia <i>Houstonia sp.</i>	Dwarf Sumac <i>Rhus copallina</i>	Violet <i>Viola sp.</i>
Wild Potato-vine <i>Ipomoea sp.</i>	Smooth Sumac <i>Rhus glabra</i>	Muscadine grape <i>Vitis rotundifolia</i>
Red Cedar <i>Juniperus virginiana</i>	Poison Ivy <i>Rhus toxicodendron</i>	Rock-portulaca <i>Talinum teretifolium</i>
Privet <i>Ligustrum vulgare</i>	Sassafras <i>Sassafras albidum</i>	Yellow Passion Flower <i>Passiflora lutea</i>
Sweet gum <i>Liquidambar styraciflua</i>	Ragwort <i>Senecio sp.</i>	Ebony Spleenwort <i>Asplenium ebeneum</i>
Japanese Honeysuckle <i>Lonicera japonica</i>	Brier <i>Smilax sp.</i>	Resurrection Fern <i>Polypodium vulgare</i>
Sourwood <i>Oxydendrum arboreum</i>	Sand Nettle <i>Cnidioscolus stimulosus</i>	Christmas Fern <i>Polystichum acrostichoides</i>
Mock Orange <i>Philadelphus inodorus</i>	Indian Pink <i>Spigelia marilandica</i>	Woodsia <i>Woodsia sp.</i>
Mistletoe <i>Phoradendron flavescens</i>	Trumpet Creeper <i>Campsis radicans</i>	

FAUNA

S. Dusky Salamander <i>Desmognathus auriculatus</i>	Fence Lizard <i>Sceloporus undulatus ssp.</i>	E. Box Turtle <i>Terrapene c. carolina</i>
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ABBEVILLE COUNTY BEAVER POND

26 June 1976

The SCAN meeting of 26 June was an interesting one. We explored a beaver pond in Abbeville County. Since beavers are active usually during the evening or nighttime hours, they were not seen but their work was obvious. The dam was rather small, and was constructed in just the right position to back up water and trap it between two ridges. The new habitat found by the damming of the creek attracted a great variety of living things that would not normally be there.

Beavers once lived throughout South Carolina, but were virtually exterminated here by hunting and trapping years ago. The beaver population is on the rise today, much to the dismay of many landowners. These animals are second only to humans in the ability to manipulate their environment.

Rudy E. Mancke, SCAN President

Location: Abbeville County

FLORA

False Solomon's Seal
Smilacina racemosa

Arrowhead
Sagittaria latifolia

Jack in the Pulpit
Arisaema triphyllum

Yellow Star Grass
Hypoxis hirsuta

Ruellia
Ruellia carolinensis

Heartleaf
Hexastylis arifolia

Heartleaf
Hexastylis heterophylla

Wolly Mullein
Verbascum thapsus

Jewel Weed
Impatiens capensis

Heal All
Prunella vulgaris

Butterfly Weed
Asclepias tuberosa

Sensitive Brier
Schrankia microphylla

Pipsissewa
Chimaphila maculata

Spiderwort
Tradescantia virginiana

Wild Hydrangea
Hydrangea arborescens

Blackberry
Rubus argutus

Wild Geranium
Geranium maculatum

Helianthus

ABBEVILLE COUNTY BEAVER POND 1976

FLORA (Cont'd)

Poison Ivy <i>Rhus radicans</i>	Various Trillium (unidentified)	Tulip Tree <i>Liriodendron tulipifera</i>
Virginia Creeper <i>Parthenocissus quinquefolia</i>	Naked Flowered Tick Trefoil <i>Desmodium nudiflorum</i>	Sour Wood (in flower) <i>Oxydendrum arboreum</i>
American Holly <i>Ilex opaca</i>	Wild Yam <i>Dioscorea</i> sp.	Dogwood <i>Cornus florida</i>
Strawberry Bush <i>Euonymus americanus</i>	Stinging Nettle <i>Urtica</i> sp.	Smooth Alder <i>Alnus serrulata</i>
Mountain Laurel <i>Kalmia latifolia</i>	Maidenhair Fern <i>Adiantum pedatum</i>	Smooth Blackhaw <i>Viburnum prunifolium</i>
Elephant's Foot <i>Elephantopus tomentosus</i>	Christmas Fern <i>Polystichum acrostichoides</i>	Ashleaf Maple <i>Acer negundo</i>
Trumpet Vine <i>Campsis radicans</i>	Common Polypody <i>Polypodium polypodioides</i>	Sweetgum <i>Liquidambar styraciflua</i>
Partridgeberry <i>Mitchella repens</i>	Ironwood <i>Carpinus caroliniana</i>	Choke Cherry <i>Prunus virginiana</i>
Elder Berry <i>Sambucus canadensis</i>	Beech <i>Fagus grandiflora</i>	Eastern Red Cedar <i>Juniperus virginiana</i>

FAUNA

Beaver <i>Castor canadensis</i>	Wood Duck <i>Aix sponsa</i>	Toadbug <i>Gelastocoris oculatus</i>
E. Painted Turtle <i>Chrysemys p. picta</i>	Great Blue Heron <i>Ardea herodias</i>	Backswimmer <i>Notonecta</i> sp.
Bullfrog <i>Rana catesbeiana</i>	Red-bellied Woodpecker <i>Centurus carolinus</i>	Leech <i>Macrobdella</i> sp.
Mosquito Fish <i>Gambusia affinis</i>	Barred Owl <i>Strix varia</i>	

GIANT PORTLAND CEMENT QUARRY

28 August 1976

The meeting of August 28th was a most successful one. We visited the Giant Portland Cement quarry near Harleyville and came up with a fine variety of fossils. The major part of the quarry is composed of Eocene limestone loaded with fossils. There were also some Oligocene age deposits along with more recent material. Most of the fine shells, sanddolars, and such, came from the Eocene age Santee limestone, while the vertebrate fossils (whale, shark, ray) came from either upper Eocene or Oligocene material. It was a hot day, but the thrill of picking up a piece of the past made the heat bearable. . . and even enjoyable. Twenty members attended this trip.

Rudy E. Mancke, SCAN President

Location: Dorchester County

FAUNA

Yellow-bellied Turtle
Chrysemys s. scripta

Killdeer
Charadrius v. vociferus

American Egret
Casmerodius albus egretta

FOSSILS

VERTEBRATES

Archaeocete bones and teeth
Zygorhiza sp.

White Shark Teeth
Carcharodon auriculatus

Tiger Shark Teeth
Galeocerdo sp.

Fish Spines
Cylindracanthus sp.

Sand Shark Teeth
Odontaspis sp.

Shark Teeth
Lamna sp.

Stingray Barbs
Myliobatus sp.

Mako Shark Teeth
Oxyrhina sp.

Ray Dental Plates
Myliobatus sp.

Hammerhead Shark Teeth
Sphyrna sp.

GIANT PORTLAND CEMENT QUARRY 1976

INVERTEBRATES

Sea Urchin Spines

Sponges

Sanddollars

Nautiloid

Aturia sp.

Pectens

Chlamys sp.

Oysters

Ostrea sp.

Miscellaneous Mollusks
(gastropods & pelecypods)



TROTTER'S SHOALS

2 October 1976

The field trip to Trotters Shoals turned out to be one of our finest. The clear, crisp autumn day was perfect for our exploration of the Savannah River and its floodplain, with associated bluffs and coves. Twenty-five members were in attendance with Chick Gaddy in the lead. Dr. Ross Clark was along as our resource botanist.

We walked a 3.5 to 4 mile triangle from our parking area to the river, along the floodplain and back. Everyone was impressed with the diversity of life seen, especially close to the river and along the bluffs. An interesting number of coastal plain species were noted even though we were 50 miles or so above the fall line. This locality is an extremely exciting one to visit because of the mixture of mountain, piedmont and coastal plain species. It is a place well worth another visit and well worth preservation.

Rudy E. Mancke, SCAN President

Locations: Abbeville County

FLORA

Bald Cypress
Taxodium distichum

Dwarf Palmetto
Sabal minor

Featherbells
Stenanthium gramineum

Scouring Rush
Equisetum hyemale

Water Ash
Ptelea trifoliata

Purple Stoneroot
Collinsonia verticillata

Southern Shagbark Hickory
Carya caroliniae-septentrionalis

Mint
Satureja georgiana

White Oak
Quercus alba

Water Oak
Q. nigra

Willow Oak
Q. phellos

Shrubby Post Oak
Q. margaretta

Black Oak
Q. velutina

Red Oak
Q. rubra

Pignut Hickory
Carya glabra

FLORA (Cont'd)

Mockernut Hickory <i>C. tomentosa</i>	False Spikenard <i>Smilacina racemosa</i>	Beauty Berry <i>Callicarpa americana</i>
Sugarberry <i>Celtis laevigata</i>	Sparkleberry <i>Vaccinium arboreum</i>	Dodder <i>Cuscuta</i> sp.
Hackberry <i>Celtis occidentalis</i> var. <i>georgiana</i>	Riverweed <i>Podostemum ceratophyllum</i>	Storax <i>Styrax americana</i>
Black Locust <i>Pseudoacacia robinia</i>	Gamma Grass <i>Tripsacum dactyloides</i>	Indian Pipes <i>Monotropa uniflora</i>
Honey Locust <i>Gleditsia triacanthos</i>	Bur Marigold <i>Bidens aristosa</i>	Ludwigia <i>Ludwigia bonariensis</i>
Haws <i>Viburnum</i> sp.	Sunflower <i>Helianthus tomentosus</i>	Hypericum <i>Hypericum</i> sp.
Blazing Star <i>Liatris</i> sp.	Goldenrod <i>Solidago</i> sp.	Jewel Weed <i>Impatiens capensis</i>
Asters <i>Aster</i> sp.	Rabbit Tobacco <i>Gnaphalium obtusifolium</i>	Milkweed <i>Euphorbia corollata</i>
Southern Sugar Maple <i>Acer saccharum floridanum</i>	Lobelia <i>Lobelia puberula</i>	Coral Beads <i>Cocculus carolinus</i>
Chalk Maple <i>A. saccharum leucoderme</i>	Cardinal Flower <i>Lobelia cardinalis</i>	Hepatica <i>Hepatica americana</i>
<i>Aneliema keisak</i>	Partridge Berry <i>Mitchella repens</i>	Knotweed <i>Polygonum pensylvanicum</i>
Mt. Laurel <i>Kalmia latifolia</i>	Rattlesnake Master <i>Eryngium yuccifolium</i>	Pokeberry <i>Phytolacca americana</i>
Ironwood <i>Ostrya virginiana</i>	Gerardia <i>Agalinis purpurea</i>	Heartleaf <i>Hexastylis shuttleworthii</i>
Poison Ivy <i>Rhus radicans</i>	False Foxglove <i>Aureolaria pedicularia</i>	Dayflower <i>Commelina communis</i>
Fragrant Sumac <i>Rhus aromatica</i>	Woolly Mullein <i>Verbascum thapsus</i>	Black Eyed Susan <i>Rudbeckia hirta</i>
Rattlesnake Plantain <i>Goodyera pubescens</i>	Horse Nettle <i>Solanum carolinense</i>	Tick Trefoil <i>Desmodium nudiflorum</i>
Wild Ginger <i>Asarum canadense</i>	Dotted Horsemint <i>Monarda punctata</i>	

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Elephant's Foot
Elephantopus tomentosus

Upland Sea Oats
Uniola latifolia

Azalea
Rhododendron sp.

Bush Dogwood
Cornus amomum

Hearts' a' Bustin'
Euonymus americanus

American Holly
Ilex opaca

Hercules Club
Aralia spinosa

Witch Hazel
Hamamelis virginiana

Virgin's Bower
Clematis virginiana

Leather Flower
Clematis viorna

Hawthorn
Crataegus sp.

Climbing Hydrangea
Decumaria barbara

Dogbane
Tracheospermum difforme

Kudzu
Pueraria lobata

Muscadine
Vitis rotundifolia

Sycamore
Platanus occidentalis

Pore Mushrooms
Boletus sp.

Blue Lactarius
Lactarius indigo

Amanita
Amanita sp.

Fly Agaric
Amanita muscaria

Corky Shelf Fungus
Daedalea sp.

FAUNA

Black & Yellow Argiope
Argiope aurantia

Orb Weavers
Araneus sp.

Spiny-bodied Spider
Micrathena gracilis

Catalpa Sphinx
Ceratomia catalpae

Monarch Butterfly
Danaus plexippus

Hickory-horned-devil
Citheronia regalis

Saddleback
Sibine stimulea

Swainson's Warbler (nest)
Limnodynastes swainsonii

Belted Kingfisher
Megascops alcyon

Redstart
Setophaga ruticilla

Bobwhite Quail
Colinus virginianus

Six-lined Racerunner
Cnemidophorus sexlineatus

E. Painted Turtle
Chrysemys p. picta

N. Fence Lizard
Sceloporus u. hyacinthinus

Black Rat Snake
Elaphe o. obsoleta

N. Red-bellied Snake
Storeria o. occipitamaculata

S. Dusky Salamander
Desmognathus auriculatus

S. Cricket Frog
Acris g. gryllus

Slimy Salamander
Plethodon g. glutinosus



CAROLINA SANDHILLS NATIONAL WILDLIFE REFUGE

20 November 1976

The 20 November 1976 meeting at the Carolina Sandhills National Wildlife Refuge was a success. The morning began with a drizzle but the rain lifted and the rest of the day was perfect for our purposes. We walked a trail from Martin's Lake to Lake Bee, a distance of approximately five miles. The trail took us past a great variety of habitats. We saw everything from white cedar bogs with pitcher plants, to sandy ridges, to open fields.

We began by sighting a large number of Canada geese and other waterfowl at Martin's Lake. Among the Canada geese we also spotted a single blue goose. The blue goose is now considered to be a color phase of the more familiar snow goose, but even the snow goose is rarely seen at this refuge.

Red-cockaded woodpeckers were also seen along the way. Their nest trees were quite common.

Rudy E. Mancke, SCAN President

Location: Chesterfield County

FLORA

Sweet Pitcher Plant
Sarracenia rubra

Sandwort
Arenaria caroliniana

Prickly Pear
Opuntia compressa

Bracken Fern
Pteridium aquilinum

Cinnamon Fern
Osmunda cinnamomea

Sparkleberry
Vaccinium arboreum

Sweet Pepper Bush
Clethra alnifolia

Leatherwood
Cyrilla racemiflora

Lupine
Lupinus diffusus

False Indigo
Baptisia cinerea

Trailing Arbutus
Epigaea repens

Beardgrass
Eriarthus giganteus

Catbrier
Smilax laurifolia

White Cedar
Chamaecyparis thyoides

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FAUNA

Pied-billed Grebe
Podilymbus podiceps

Great Blue Heron
Ardea herodias

Canada Goose
Branta canadensis

Snow Goose (Blue phase)
Chen hyperborea

Mallard
Anas platyrhynchos

Pintail
Anas acuta

Green-winged Teal
Anas carolinensis

American Widgeon
Mareca americana

American Kestrel
Falco sparverius

American Coot
Fulica americana

Mourning Dove
Zenaidra macroura

Belted Kingfisher
Megasceryle alcyon

Red-bellied Woodpecker
Centurus carolinus

Red-cockaded Woodpecker
Dendrocopos borealis

Yellow-bellied Sapsucker
Sphyrapicus varius

Blue Jay
Cyanocitta cristata

Common Crow
Corvus brachyrhynchos

Mockingbird
Mimus polyglottos

Starling
Sturnus vulgaris

Pine Warbler
Dendroica pinus

E. Meadowlark
Sturnella magna

Dark-eyed Junco
Junco hyemalis

Field Sparrow
Spizella pusilla

Southern Cricket Frog
Acris g. gryllus

Green Anole
Anolis c. carolinensis

Yellow-bellied Turtle
Chrysemys s. scripta

Striped Skunk
Mephitis m. elongata

Whitetail Deer
Odocoileus v. virginianus

Flannel Moth (cocoon)
Megalopyge opercularis

Spiny Oak Slug (larva)
Euclea sp.

Forester Moth (larva)
Alysiodes sp.

Twig Girdler
Oncideres cingulata

DEAD ON THE ROAD

Screech Owl
Otus asio



1977 FIELD TRIP LIST

DATE	SITE VISITED	COUNTY	PAGE
8 Jan 77	Congaree River Bottom	Richland	II-27
26 Feb 77	Annual Meeting	Richland	II-29
26 Mar 77	Little Mountain	Newberry	II-32
24 Apr 77	Carolina Mountains	Oconee/ Pickens	II-34
21 May 77	Carolina Bay & Savannah	Horry	II-36
25 Jun 77	Beech Creek	Sumter	II-38
23 Jul 77	Henderson Island	Newberry	II-39
27 Aug 77	Belmont Plantation	Hampton	II-41
24 Sep 77	Giant Portland Cement Quarry	Dorchester	II-43
29 Oct 77	Catawba River	Chester	II-45
Nov 77	No meeting		
3 Dec 77	Santee NWR	Clarendon	II-47



CONGAREE RIVER BOTTOM

8 January 1977

The Congaree trip was certainly a perfect way to start the New Year. There were 43 people present- our largest single turnout so far. We drove to the Cedar Creek Hunt Club, walked along Cedar Creek and then dispersed to traverse the floodplain in smaller groups. We were immediately aware of the fact that we were in the land of giants. Large loblolly pines, sweetgums, oaks, cypresses and tupelos were seen. We noted a good variety of lichens, including a rare tropical species typical of old deciduous forests like Congaree. As the old forests decline in number the lichen becomes even more rare. Birds were fairly common and a few mollusks also caught our attention.

Rudolph E. Mancke, III, SCAN President

Location: Richland County

FLORA

Sugarberry <i>Celtis laevigata</i>	Boxelder <i>Acer negundo</i>	American Holly <i>Ilex opaca</i>
Pawpaw <i>Asimina triloba</i>	Swamp White Oak <i>Quercus bicolor</i>	Possum Haw <i>Ilex decidua</i>
Supplejack <i>Berchemia scandens</i>	Swamp Chestnut Oak <i>Quercus michauxii</i>	Dwarf Palmetto <i>Sabal minor</i>
Cross Vine <i>Anisostichus capreolata</i>	Overcup Oak <i>Quercus lyrata</i>	Swamp Tupelo <i>Nyssa aquatica</i>
Resurrection Fern <i>Polypodium polypodioides</i>	Cherrybark Oak <i>Quercus f. pagodaefolia</i>	Swamp Hickory <i>Carya aquatica</i>
Common Grape Fern <i>Botrychium dissectum</i>	Loblolly Pine <i>Pinus taeda</i>	Lichen <i>Parmelia perforata</i>
Meadow Spikemoss <i>Selaginella apoda</i>	Bald Cypress <i>Taxodium distichum</i>	Lichen <i>Parmelia livida</i>
Trumpet Vine <i>Campsis radicans</i>	Switch Cane <i>Arundinaria gigantea</i>	Lichen <i>Parmelia caperata</i>

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FLORA (Cont'd)

Lichen
Parmelia praesorediosa

Liverwort
Frullania eboracensis

Lichen (rare)
Parmeliella pannosa

Lichen
Usnea strigosa

Lichen
Parmelia mellissii

FAUNA

Great Blue Heron
Ardea herodias

Barred Owl
Strix varia

Common (Yellow-shafted)
Flicker
Colaptes auratus

Red-bellied Woodpecker
Centurus carolinus

Carolina Wren
Thryothorus ludovicianus

Hairy Woodpecker
Dendrocopos villosus

Pileated Woodpecker
Dryocopus pileatus

Robin
Trudus migratorius

Wood Thrush
Hylocichla mustelina

E. Phoebe
Sayornis phoebe

Tufted Titmouse
Parus bicolor

White-throated Sparrow
Zonotrichia albicollis

Yellow-rumped (Myrtle)
Warbler
Dendroica coronata

Black & White Warbler
Mniotilta varia

Palm Warbler
Dendroica palmarum

Ruby-crowned Kinglet
Regulus calendula

Golden-crowned Kinglet
Regulus satrapa

Cotton Mouse
Peromyscus g. gossypinus

Yellow-bellied Sapsucker
Sphyrapicus varius

Marbled Salamander
Ambystoma opacum

Gray Treefrog
Hyla v. versicolor

Common Great Zonite
Mesomphix vulgatus

Woven Belly-tooth Snail
Ventridens intertextus

Ferguson's Forest Snail
Anguispira fergusonii

Common White-lipped Forest
Snail
Mesodon thyroideus

Disc Cannibal Snail
Haplotrema concavum

Flannel Moth (cocoon)
Megalopyge opercularis

Polyphemus Moth (cocoon)
Antheraea polyphemus

Blackberry Gall Wasp (gall)
Diastraphus cuscuteaeformis

Sugarberry Gall Louse (gall)
Pachypsylla venusta

Flea Beetle
Phyllotreta bipustulata

ANNUAL MEETING

26 February 1977

The 26 February organizational meeting was a great success. There were 30 members present and each one was involved in the meeting directly. Let me bring you up-to-date on the items discussed and/or resolved.

We began by passing out a membership list which now consists of 81 names. This list is available for all the members that could not attend the meeting. I plan on having copies with me at the next meeting also. The list has a date beside each name which is the date that dues are due for that member. This gentle reminder will appear on all address labels to the member also.

The secretary, Ms. Sandra Stack, read the minutes of the last organizational meeting and gave an update on finances. SCAN has \$200 in its account as of 14 March 77.

The president's report followed with a quick rundown of the preceding year's activities. There were some slides shown in that connection, along with reports on dead-on-the-roads (DORs) collected. The first year of SCAN has been very rewarding. We look forward to an even better year ahead.

The existing officers were given terms that extend through the coming year. Four regional directors were also chosen. These four people will assist the president in planning field trips into their respective areas of the State. These directors are as follows: John Grey, PO Box 1041, Greenville 29602; Ray Liquori, York County Museum, Rt. 4 Box 211, Rock Hill 29730; Jim Holbert, Erskine College, Due West 29693; and Florence High, PO Box 773, N. Myrtle Beach 29582. If you have suggestions for field trips contact one of these people or the president.

It was decided that dues of \$5.00 would continue. This amount allows us

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to pay for stamps, envelopes, xerox costs, etc., and leaves enough to use for purchases, publishing, or whatever the group approves. There were suggestions that some of this money could be applied to the establishment of a slide collection to be available to all members. More about that later.

The group decided that we should not encourage children to go on most of our field trips. We will plan on having at least one trip per year, specifically planned to include children. The final decision will be in the hands of the parents. This led to questions about liability in case of accidents on field trips. We are looking into that question now.

One project that we are getting under way is the collection and duplication of natural history slides that will be made available to you. Gary Smith is in charge of reviewing the slides and carrying through with the duplication of same. Any slides that you would like to share should be sent to Gary Smith, Biology Department, Furman University, Greenville, 29613.

The more slides we have the better off we will be. Your help is necessary if this project is to succeed. Slides on all natural history subjects are needed. Your original will be returned to you when the duplication process is over.

We also discussed the possibility of holding "how to" courses in the field or elsewhere for members. The general feeling was that this was a good idea. We simply need to implement it in a reasonable manner. Your suggestions will be appreciated.

The group also decided that the next "sit down" meeting will be a dutch treat for each member. This will allow us to have more money available for projects.

The general format of our field trips was approved. There was some concern over the fact that often the group gets divided and this diminishes the opportunity to share with one another. This feeling of togetherness is one of the special parts of this organization. We can't function well without it.

Upcoming field trips are as follows:

26 March	Little Mountain (Newberry County)
23,24 April	Waterfalls and wildflowers (Oconee/Pickens Counties)
21 May	A Carolina bay and savannah (Horry County)

Please set these dates aside on your calendar.

The next trip is the day after a two-day meeting of the S.C. Academy of Sciences to be held in Columbia on 24, 25 March '77. We plan on meeting at 10:30 a.m. in Little Mountain, S.C. at the Lutheran Church there. This area is interesting from the standpoint of its flora and fauna, and it's a fine place to collect rock and mineral specimens. Bring along a lunch as usual.

I look forward to seeing each of you on the 26th.

Sincerely,

Rudy E. Mancke, SCAN President

LITTLE MOUNTAIN

26 March 1977

The 26 March meeting at Little Mountain in Newberry County was a productive one. Twenty-nine people took part in the field trip experience. A few wildflowers were in bloom. Minerals, as expected, were noted on the crest of the mountain (monadnock). Kyanite and pyrophyllite were commonly found.

We collected a caterpillar that formed a chrysalis on 1 April 1977, and on 7 April hatched out into an adult, Red-spotted purple butterfly. Metamorphosis never ceases to be amazing.

Rudy E. Mancke, SCAN President

Location: Newberry County

FLORA

Longleaf Pine
Pinus palustris

Rue Anemone
Anemonella thalictroides

Halberd-leaf Hexastylis
Hexastylis arifolia

Common Blue Violet
Viola papilionacea

Wood Anemone
Anemone quinquefolia

False Beechdrops
Monotropa hypopithys

FAUNA

Falcate Orange-tip Butterfly
Anthracis genutia

Black Firefly
Ellychnia cornuta

Broad-headed Skink
Eumeces laticeps

Tiger Swallowtail
Papilio glaucus

Horn Beetle (Bessbug)
Popillia disjunctus

Ground Skink
Laelolopisma laterale

Red-spotted Purple (larva)
Limenitis arthemis astyanax

Huckleberry Gall Wasp
Hemadas nubilipennis

N. Fence Lizard
Sceloporus undulatus ssp.

Small-eyed Click Beetle
Alaus myops

Jumping Bristletail
Machilis sp.

N. Black Racer
Coluber c. constrictor

FAUNA (Cont'd)

Slimy Salamander
Plethodon g. glutinosus

N. Red Salamander
Pseudotriton r. ruber

Yellow-rumped (Myrtle)
Warbler
Dendroica coronata

Pine Warbler
Dendroica pinus

Yellow-bellied Sapsucker
Sphyrapicus varius

Black Vulture
Coragyps atratus

Red-tailed Hawk
Buteo jamaicensis



CAROLINA MOUNTAINS

24 April 1977

The two-day field trip in the mountains of Oconee and Pickens counties was a refreshing experience. We had a rather wet day on Saturday, but Sunday was bright and clear. Twenty-three people were along and we got to see a great variety of wildflowers in bloom. Quite an array of other life forms were also present. The Burrell's Ford area was especially impressive. We want to thank John Grey and Gary Smith for their efforts in planning and directing the trip.

Rudy E. Mancke, SCAN President

Location: Oconee/Pickens Counties

FLORA

False Solomon's Seal
Smilacina racemosa

Solomon's Seals
Polygonatum biflorum

Crane Fly Orchid
Tipularia discolor

Pink Ladies Slipper
Cypripedium acaule

Showy Orchis
Orchis spectabilis

Downy Rattlesnake Plantain
Goodyera pubescens

Wood Anemone
Anemone quinquefolia

Jack-in-the-Pulpit
Arisaema triphyllum

Foam Flower
Tiarella cordifolia

Purple Violet
Viola papilionacea

Bird's Foot Violet
Viola pedata

Halberd-leaved Violet
Viola hastata

Primrose-leaved Violet
Viola primulifolia

Trout Lily
Erythronium americanum

Yellowroot
Xanthorhiza simplicissima

Carolina Silverbell
Halesia carolina

Sweet Shrub
Calycanthus floridus

Horse Sugar
Symplocos tinctoria

Dog Hobble
Leucothoe sp.

Robin's Plantain
Erigeron pulchellus

Yellow Star Grass
Hypoxis hirsuta

Green and Gold
Chrysogonum virginianum

Serviceberry
Amelanchier arborea ssp.

Trillium
Trillium cuneatum

Catesby's Trillium
Trillium catesbaei

Mayapple
Podophyllum peltatum

Flowering Spurge
Euphorbia corollata

FLORA (Cont'd)

Bush Dogwood
Cornus amomum

Mountain Laurel
Kalmia latifolia

Indian Paint Brush
Castilleja coccinea

Bluet
Houstonia caerulea

Maple-leaved Viburnum
Viburnum acerifolium

Storax
Styrax americana

New York Fern
Thelypteris noveboracensis

Lungwort
Lobaria pulmonaria

Lichen
Sticta weigelii

FAUNA

American Toad
Bufo a. americanus

Fowler's Toad
Bufo w. fowleri

Spring Peeper
Hyla c. crucifer

Green Frog
Rana c. melanota

Northern Red Salamander
Pseudotriton r. ruber

Red-spotted Newt
Notophthalmus v. viridescens

Three-lined Salamander
Eurycea l. guttolineata

Black-bellied Salamander
Desmognathus quadramaculatus

Mountain Dusky Salamander
Desmognathus ochrophaeus

Spotted Dusky Salamander
Desmognathus f. conanti

Slimy Salamander
Plethodon g. glutinosus

Timber/Canebrake Rattlesnake
Crotalus h. ssp.

N. Copperhead
Agkistrodon c. mokeson

E. Garter Snake
Thamnophis s. sirtalis

N. Fence Lizard
Sceloporus u. hyacinthinus

E. Box Turtle
Terrapene c. carolina

Stinkpot
Stemotherus odoratus

Red-bellied Woodpecker
Centurus carolinus

Yellow-shafted Woodpecker
Colaptes auratus

American Goldfinch
Spinus tristis

Robin
Turdus migratorius

E. Bluebird
Sialia sialis

Turkey Vulture
Cathartes aura

Broad-winged Hawk
Buteo platypterus

Red-tailed Hawk
Buteo jamaicensis

Bank Swallow
Riparia riparia

Black Vulture
Coragyps atratus

Heavy Forest Snail
Anguispira a. crassa

Giant Forest Snail
Mesodon normalis

Three-toothed Forest Snail
Triodopsis tridentata

Beaver
Castor canadensis

Red Squirrel
Tamiasciurus hudsonicus

E. Gray Squirrel
Sciurus carolinensis

CAROLINA BAY AND SAVANNAH

21 May 1977

The field trip into Horry County was thrilling, indeed. Dr. Joe Pinson led the way, and his familiarity with the area was extremely helpful. Twenty-five people were in attendance.

We began by walking into two Carolina bays. Both had been burned by fire that swept through much of Horry County last spring. The small pines had been killed by that fire, and the herbaceous plants have flourished in their absence. Of course, the Venus' Fly Traps were fabulous. The excitement of seeing them in the wild was overwhelming. This special habitat, along with its special inhabitants, needs to be protected from damage.

Rudy E. Mancke, SCAN President

Location: Horry County

FLORA

Venus' Fly Trap <i>Dionaea muscipula</i>	Red Root <i>Lachnanthes caroliniana</i>	Glammy Honeysuckle <i>Rhododendron viscosum</i>
Trumpet Pitcher <i>Sarracenia flava</i>	Rosebud Orchid <i>Cleistes divaricata</i>	Foxtail Clubmoss <i>Lycopodium alopecuroides</i>
Hooded Pitcher <i>Sarracenia minor</i>	Grass Pink <i>Calopogon pulchellus</i>	Blackroot <i>Pterocaulon pycnostachyum</i>
Pitcher Plant <i>Sarracenia purpurea</i>	Ladies' Tresses <i>Spiranthes sp.</i>	Milkweed <i>Asclepias longifolia</i>
Sundew <i>Drosera intermedia</i>	Rose Pogonia <i>Pogonia ophioglossoides</i>	Prickly Pear <i>Opuntia compressa</i>
Toothache Grass <i>Ctenium aromaticum</i>	Orange Milkwort <i>Polygala lutea</i>	Slender Blue-flag Iris <i>Iris prismatica</i>
White-bracted Sedge <i>Dichromena latifolia</i>	Creeping Blueberry <i>Vaccinium crassifolium</i>	Spurge-Nettle <i>Cnidioscolus stimulosus</i>
Fly Poison <i>Amblyanthus muscaetoxicum</i>	Inkberry <i>Ilex glabra</i>	
Lichen <i>Gladonia leporina</i>	Staggerbush <i>Lyonia mariana</i>	

FAUNA

Indigo Bunting
Passerina cyanea

E. Kingbird
Tyrannus tyrannus

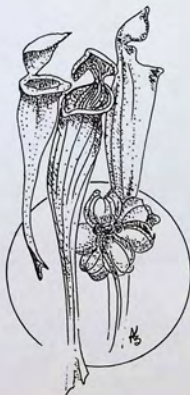
Buckeye
Junonia c. coenia

Common Nighthawk
Chordeiles minor

Oak Toad
Bufo quercicus

Red-headed Woodpecker
Melanerpes erythrocephalus

Corn Snake
Elaphe g. guttata



BEECH CREEK

25 June 1977

The meeting of 25 June 1977 was attended by 20 members and proved to be an interesting one. As predicted, a good variety of organisms were seen. The cool, quiet atmosphere of the low ground was refreshing. We want to especially thank Mr. Frank Cain for allowing us to visit his property.

Rudy E. Mancke, SCAN President

Location: Sumter County

FLORA

Smooth Tick Trefoil <i>Desmodium laevigatum</i>	Yellow Star Grass <i>Hypoxis hirsuta</i>	Pond Cypress <i>Taxodium ascendens</i>
Green-stemmed Joe-pye-weed <i>Eupatorium purpureum</i>	Lizard Tail <i>Saururus cernuus</i>	Pawpaw <i>Asimina triloba</i>
May Apple <i>Podophyllum peltatum</i>	Ruellia <i>Ruellia</i> sp.	Russula <i>Russula emetica</i>
Red Buckeye <i>Aesculus pavia</i>	Green Dragon <i>Arisaema dracontium</i>	Turkeytail Mushroom <i>Polystictus versicolor</i>
Buttonbush <i>Cephalanthus occidentalis</i>	Snakeroot <i>Sanicula canadensis</i>	

FAUNA

Bryozoan <i>Pectinatella magnifica</i>	Bowfin <i>Amia calva</i>	Parula Warbler <i>Parula americana</i>
Red-spotted Purple <i>Limenitis arthemis astyanax</i>	Banded Water Snake <i>Natrix F. fasciata</i>	Prothonotary Warbler <i>Protonotaria citrea</i>
Question-mark <i>Polygonia interrogationis</i>	Black Racer <i>Coluber constrictor</i> ssp.	Little Blue Heron <i>Florida caerula</i>
Tiger Swallowtail <i>Papilio glaucus</i>	Stinkpot <i>Stemotherus odoratus</i>	Red-eyed Vireo <i>Vireo olivaceus</i>
Pearly Eye <i>Lethe portlandia</i>	S. Toad <i>Bufo terrestris</i>	White-eyed Vireo <i>Vireo griseus</i>

HENDERSON ISLAND

23 July 1977

The trip to the island in the Broad River (Henderson Island in Newberry County) was an eventful one. We collected a great variety of Indian artifacts before we waded across to the island. The water was warm, and we crossed the shoals area without mishap. A group of five or six young turkeys was noted soon after we began exploring the island, and they were a prelude to a fine day in the field.

I find that each trip brings me a new appreciation for this organization. It's a great feeling to be able to explore the natural world with such fine people. Sharing experiences with those who appreciate them is extra special.

Rudy E. Mancke, SCAN President

Location: Newberry County

FLORA

Cucumber Tree <i>Magnolia acuminata</i>	Green Dragon <i>Arisaema dracontium</i>	Yellow Passion Flower <i>Passiflora lutea</i>
Pawpaw <i>Asimina triloba</i>	Upland Sea Oats <i>Uniola latifolia</i>	Swamp Rose Mallow <i>Hibiscus moscheutos</i>
Black Walnut <i>Juglans nigra</i>	Monkey Flower <i>Mimulus ringens</i>	Ruellia <i>Ruellia caroliniensis</i>
Redbud <i>Cercis canadensis</i>	Spiderwort <i>Tradescantia subaspera</i>	Southern Lady Fern <i>Athyrium asplenoides</i>
Beauty Berry <i>Callicarpa americana</i>	Downy Rattlesnake Plantain <i>Goodyera pubescens</i>	Lichen <i>Usnea strigosa</i>
Button Bush <i>Cephalanthus occidentalis</i>	Rose Pink <i>Sabatia angularis</i>	Lichen <i>Parmelia perforata</i>
Hackberry <i>Celtis o. georgiana</i>	Avens <i>Geum canadense</i>	Sulfur Mushroom <i>Polyporus sulphureus</i>

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FAUNA

E. Turkey
Meleagris g. silvestris

Indigo Bunting
Passerina cyanea

Pileated Woodpecker
Dryocopus pileatus

Prothonotary Warbler
Protonotaria citrea

Whitetail Deer
Odocoileus v. virginianus

Raccoon
Procyon l. solutus

E. Gray Treefrog
Hyla versicolor

E. Box Turtle
Terrapene c. carolina

Golden Shiner
Notemigonus crysoleucas

Redbreast
Lepomis auritus

White Crappie
Pomoxis annularis

Flier
Centrarchus macropterus

Buckeye
Junonia c. coenia

Viceroy
Limenitis a. archippus

Snout Butterfly
Libytheana b. bachmannii

Sleepy Orange
Eurema nicippe

Red-spotted Purple
Limenitis a. astyanax

Asiatic Clam
Corbicula manilensis

Common White-lipped Forest
Snail
Mesodon thyroidus



BELMONT PLANTATION

27 August 1977

The field trip to Belmont Plantation (Webb Wildlife Center) was a real treat. Twenty members were in attendance. Lewis Rogers, who is the district game biologist headquartered there, led the way and we appreciate his cooperation. The great variety of habitats there gave us a good variety of interesting organisms to see. Butterflies were out in abundance. We got to see Red-cockaded woodpecker nest holes in an upland pine forest. We toured an open field that was bordered by moist woods and found Indian artifacts (pot sherds and projectile points) in abundance. We finally walked along a trail that took us through a floodplain forest down to the Savannah River.

Rudy E. Mancke, SCAN President

Location: Hampton County

FLORA

Partridge Pea
Cassia fasciculata

Sicklepod
Cassia obtusifolia

Bitterweed
Helenium amarum

Stinging Nettle
Cnidioscolus stimulosus

Coral Bean
Erythrina herbacea

Coral Beads
Cocculus carolinus

Redbud
Cercis canadensis

Dwarf Palmetto
Sabal minor

Pond Cypress
Taxodium ascendens

Swamp Gum
Nyssa aquatica

Swamp Dogwood
Cornus stricta

Swamp Hickory
Carya aquatica

Swamp Chestnut Oak
Quercus michauxii

Beautyberry
Callicarpa americana

Sweet Peppervine
Ampelopsis arborea

Ageratum (Mistflower)
Eupatorium coelestinum

Milkweed
Asclepias perennis

St. Andrew's Cross
Hypericum hypericoides

Lichen
Parmelia perforata

SCAN: THE FIRST TEN YEARS

FAUNA

Red-cockaded Woodpecker
Dendrocopos borealis

Red-headed Woodpecker
Melanerpes erythrocephalus

Red-bellied Woodpecker
Centurus carolinus

E. Turkey
Meleagris g. silvestris

Screech Owl
Otus asio

Black Vulture
Coragyps atratus

Beaver
Castor canadensis

Whitetail Deer
Odocoileus virginianus

Question-mark
Polygonia interrogationis

Pearly Eye
Letha portlandia

Red-spotted Purple
Limenitis a. astyanax

Sleepy Orange
Eurema nicippe

American Painted Lady
Vanessa virginiensis

Gulf Fritillary
Agraulis vanillae nigror

Buckeye
Junonia c. coenia

Monarch
Danaus p. plexippus

Palmedes Swallowtail
Papilio palamedes

Black Racer
Coluber constrictor ssp.

Six-lined Racerunner
Cnemidophorus s. sexlineatus

Green Treefrog
Hyla cinerea

Horse Fly
Tabanus atratus

Garden Spider
Argiope aurantia

Spiny-bodied spider
Micrathena gracilis

Lesser Mystery Snail
Campefoma decisum



GIANT PORTLAND CEMENT QUARRY

24 September 1977

The meeting of the 24th was the largest ever, with 80 people present. The weather was good, and a great variety and number of fossils were found. We actually found a mass of whale bones (mainly ribs) in one place, and removed them after taking photographs. All of the fossils were of marine animals. A list of the animals and plants seen, both extinct and extant forms, is included. This trip was our first repeat. We were here last year in August. Judging from the response, it was worth a second look.

Rudy E. Mancke, SCAN President

Location: Dorchester County

FAUNA

Killdeer
Charadrius V. vociferus

Green Treefrog
Hyla cinerea

Monarch
Danaus p. plexippus

Sharp-shinned Hawk
Accipiter striatus

Red Admiral
Vanessa atalanta

Bella Moth
Utetheisa bella

Red-tailed Hawk
Buteo jamaicensis

Buckeye
Junonia c. coenia

Rattlebox
Crotalaria spectabilis

Belted Kingfisher
Megascops alcyon

Viceroy
Limnitis a. archippus

DEAD ON THE ROAD

Whitetailed Deer
Odocoileus virginianus

FOSSILS

VERTEBRATES

Archaeocete bones and teeth
Basilosaurus sp.

Sea Turtle
Psephurus sp.

Sawfish Saw-teeth
Pristis sp.

SCAN: THE FIRST TEN YEARS

VERTEBRATES (Cont'd)

Fish Spinea
Cylindracanthus sp.

Stingray Barbs
Myliobatus sp.

Ray Dental Plates
Myliobatus sp.

White Shark Teeth
Carcharodon auriculatus

Sand Shark Teeth
Odontaspis sp.

Mako Shark Teeth
Oxyrhina sp.

Requiem Shark Teeth
Hemipristis sp.

Mackeral Shark Teeth
Lamna sp.

INVERTEBRATES

Sea Urchin Spines

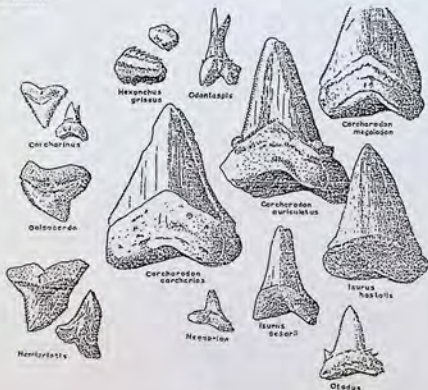
Bryozoans

Sanddollars

Pectens
Chlamys sp.

Oysters
Ostrea sp.

Miscellaneous Mollusks
(gastropods & pelecypods)



CATAWBA RIVER

29 October 1977

The October meeting was held under clear skies and warm temperatures. Twenty-three people were in attendance. We explored the old bed of the Catawba River just below Fishing Creek Dam in Lancaster County. The area was so exciting that we never moved on to Lansford Canal State Park as originally planned. A great number and variety of interesting organisms were noted.

The autumn colors were spectacular and we saw yellow jessamine in bloom. Insect activity was at a fever pitch. The geology of the area was very interesting and we saw volcanic intrusions along with the predicted potholes. The moist hardwood forest that bordered the open area was also nice.

We want to give a special thanks to Bill Hilton and his students for their efforts in planning and directing this field trip.

P.S. The water snake on our fauna list from this trip (Natrix s. pleuralis) is commonly known as the "Midland Water Snake."

Rudy E. Mancke, SCAN President
Location: Lancaster County

FLORA

Climbing Hydrangea
Decumaria barbara

Chestnut Oak
Quercus prinus

Sweetshrub
Calycanthus floridus

Cardinal Flower
Lobelia cardinalis

Blazing Stars
Liatris earlei

Leatherwood
Cyrilla racemiflora

Prickly-Pear
Opuntia compressa

Winged Elm
Ulmus alata

Beautyberry
Callicarpa americana

Coralbeads
Cocculus carolinus

Cranefly Orchid
Tipularia discolor

Horse Mint
Monarda punctata

Yellow Jessamine
Gelsemium sempervirens

Gerardia
Agallinis purpurea

Groundsel Tree
Baccharis halimifolia

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Black Cohosh
Cimicifuga racemosa

Hackberry
Celtis o. georgiana

Mountain Laurel
Kalmia latifolia

Maple-leaf Viburnum
Viburnum acerifolium

Arrowwood
Viburnum dentatum

Upland Sea Oats
Uniola latifolia

Resurrection Fern
Polypodium polypodioides

Ebony Spleenwort
Asplenium platyneuron

Christmas Fern
Polystichum acrostichoides

FAUNA

Belted Kingfisher
Megasceryle alcyon

Tufted Titmouse
Parus bicolor

Red-breasted Nuthatch
Sitta canadensis

Song Sparrow
Melospiza melodia

Turkey Vulture
Cathartes aura

Cardinal
Richmondia cardinalis

Raccoon
Procyon lotor

N. Cricket Frog
Acris C. crepitans

Slimy Salamander
Pelthodon g. glutinosus

Channel Catfish
Ictalurus punctatus

Water Snake
Natrix s. pleuralis

Keeled Ramshorn Snail
Helisoma anceps

Feeble Freshwater Mussel
Anodonta imbecilis

Giant Forest Snail
Mesodon normalis

Asiatic Clam
Corbicula maniliensis

Twig Girdler
Oncideres cingulata

Praying Mantis
Mantis religiosa

Carolina Mantid
Stagmomantis carolina

Bald-faced Hornet
Dolichovespula maculata



SANTÉE NATIONAL WILDLIFE REFUGE

3 December 1977

The December meeting at Santee National Wildlife Refuge was an interesting one. Twenty-five people were present and the weather was perfect. We walked along the nature trail and got a good view of feeding waterfowl. A great variety of birds was noted, Canada geese were by far the most common. We also visited Fort Watson in the afternoon.

A rare-bird sighting has been reported by Mrs. Howard Spencer, one of our members. It was a single Rufous Hummingbird (*Selasphorus rufus*). The only other records from South Carolina are from Charleston County. The bird stayed with the Spencers from October 20th until December 7th. I wonder what the chances were of that bird finding the yard of a person who could appreciate it for what it was? Sightings like this are reminders that everyone has a chance to observe exciting things in his own backyard...in his own area of the state. Keeping people alert and sharing sightings with others are functions that SCAN can serve.

Rudy E. Mancke, SCAN President

Location: Clarendon County

FLORA

Wax Myrtle
Myrica cerifera

Bald Cypress
Taxodium distichum

Swamp Tupelo
Nyssa aquatica

Buttonbush
Cephalanthus occidentalis

Chinaberry
Melia azedarach

Mexican Tea
Chenopodium ambrosioides

Blue-eyed Grass
Sisyrinchium sp.

Rattlebox
Crotalaria spectabilis

Indian Pipes
Monotropa uniflora

Fly Amanita
Amanita muscaria

Death Cap
Amanita phalloides

Lichen
Parmelia perforata

FAUNA

Am. Kestrel
Falco sparverius

Marsh Hawk
Circus cyaneus

Hairy Woodpecker
Dendrocopos villosus

FAUNA (Cont'd)

Red-bellied Woodpecker <i>Centurus carolinus</i>	Black Duck <i>Anas rubripes</i>	Brown-headed Nuthatch <i>Sitta pusilla</i>
Pileated Woodpecker <i>Dryocopus pileatus</i>	Coot <i>Fulica americana</i>	Red-breasted Nuthatch <i>Sitta canadensis</i>
Yellow-bellied Sapsucker <i>Sphyrapicus varius</i>	Double-crested Cormorant <i>Phalacrocorax auritus</i>	Killdeer <i>Charadrius vociferus</i>
Great Blue Heron <i>Ardea herodias</i>	Ruby-crowned Kinglet <i>Regulus calendula</i>	Red Fox <i>Vulpes v. fulva</i>
Great Egret <i>Casmerodius albus</i>	Golden-crowned Kinglet <i>Regulus satrapa</i>	Red Admiral <i>Vanessa atalanta</i>
Whistling Swan <i>Cygnus columbianus</i>	Pine Warbler <i>Dendroica pinus</i>	Buckeye <i>Junonia C. coenia</i>
Canada Goose <i>Branta canadensis</i>	Yellow-rumped Warbler <i>Dendroica coronata</i>	Questionmark <i>Polygonia interrogationis</i>
Snow Goose (blue phase) <i>Chen hyperborea</i>	Am. Goldfinch <i>Spinus tristis</i>	Cloudless Sulphur <i>Phoebis sennae eubule</i>
White-fronted Goose <i>Anser albifrons</i>	Cardinal <i>Richmondia cardinalis</i>	Little Sulfur <i>Eurema lisa</i>
Pintail <i>Anas acuta</i>	Chipping Sparrow <i>Spizella p. passerina</i>	Carolina Mantid (egg case) <i>Stagmomantis carolina</i>
Mallard <i>Anas platyrhynchos</i>	Song Sparrow <i>Melospiza melodia</i>	Cypress Gail Wasp (gall) <i>Itionida anthici</i>
N. Shoveler <i>Spatula clypeata</i>	Field Sparrow <i>Spizella pusilla</i>	Fire Ant <i>Solenopsis sp.</i>
Greenwing Teal <i>Anas carolinensis</i>	Dark-eyed Junco <i>Junco hyemalis</i>	
Am. Widgeon <i>Mareca americana</i>	E. Phoebe <i>Sayornis phoebe</i>	

1978 FIELD TRIP LIST

DATE	SITE VISITED	COUNTY	PAGE
14 Jan 78	Congaree River Bottom	Richland	II-51
18 Feb 78	Annual Meeting	Richland	II-53
25 Mar 78	Trotter's Shoals	Abbeville	II-55
29-30 Apr 78	Carolina Mountains	Oconee/ Pickens	II-57
20 May 78	Camp Croft SP	Spartanburg	II-60
17 Jun 78	Blake's Reserve (Now Santee Coastal Reserve)	Charleston	II-62
15 Jul 78	Hitchcock Woods	Aiken	II-64
19-20 Aug 78	Botany Bay Island	Colleton	II-66
23 Sep 78	Haile Gold Mine	Lancaster	II-69
28 Oct 78	Gifford Hill Quarry	Dorchester	II-71
Nov 78	No Meeting		
2 Dec 78	Santee NWR	Clarendon	II-73



CONGAREE RIVER BOTTOM FOREST

14 January 1978

The January meeting brought out 22 members on a cold, wet, windy day. We even got some snowflakes in our face. Chick Gaddy guided us along the higher ground adjacent to the Congaree floodplain. Since the floodplain itself was living up to its name, we were not able to get to the big trees. Even under the harsh conditions, the meeting was a success.

A special word of thanks goes to Mr. Chick Gaddy for his help. We hope to visit Congaree again later this year with him as our guide.

Rudy E. Mancke, SCAN President

Location: Richland County

FLORA

Small Green Wood Orchid
Habenaria clavellata

Virginia Willow
Ita virginica

Netted Chain Fern
Woodwardia areolata

Dog Hobble
Leucothoe axillaris

Wax Myrtle
Myrica cerifera

Redbay
Persea borbonia

Partridgeberry
Mitchella repens

Devil's-walking-stick
Aralia spinosa

Columned Stinkhorn
Clathrus columnatus

Multi-zoned Polystictus
(Turkey Tails)
Polystictus versicolor

Haircap Moss
Polytrichum sp.

Lichen
Parmelia perforata

Lichen
Usnea strigosa

Lichen
Parmelia dilatata

FAUNA

White-tailed Deer
Odocoileus virginianus

Robin
Turdus migratorius

Red-cockaded Woodpecker
Dendrocopos borealis

Yellow-bellied Sapsucker
Sphyrapicus varius

Yellow-rumped (Myrtle)
Warbler
Dendroica coronata

American Woodcock
Philohela minor

FAUNA (Cont'd)

Black Vulture
Coragyps atratus

Twig Girdler
Oncideres cingulata

Promethea Moth
Callosamia promethea

Red-tailed Hawk
Buteo jamaicensis

Tent Caterpillar
Malacosoma americana

ANNUAL MEETING

18 February 1978

Our February business meeting was a very productive one. Thirty-six members were in attendance. We began by hearing from Tom Kohlsaat, a SCAN member, who represented the Heritage Trust program of the SCWMRD. Tom made the suggestion that SCAN might be interested in taking field trips to natural areas in South Carolina that his agency has an interest in. We would act as a cataloging group for these areas. In some instances, we would be advised as to the plants or animals of note that we could expect to see. The membership felt that this relationship with the Heritage Trust program was a natural one for SCAN. As this upcoming year progresses we plan on cooperating in every way possible with Tom and the Heritage Trust program.

Most of the morning was spent reviewing the previous year. The "secretary" reported that SCAN has a membership of 100 persons from 21 counties scattered throughout South Carolina. We have \$351.89 in the treasury. A membership list was passed out to those in attendance. If you were not present and would like one, simply drop me a line and I will send a list along. A list of roadkills collected during the past year was also handed out. Please keep in mind the value of roadkill salvage.

The following list of upcoming meetings was presented:

- | | |
|------------------|--|
| 25 March | *SCAN Field trip (Trotters Shoals) |
| 31 March-1 April | SC Academy of Sciences (Clemson University) |
| 8, 9 April | PRT: Wildflower Weekend (Low Country) |
| 14, 15, 16 April | Wildlife Federation Meeting (Hickory Knob State Park) |
| 22, 23 April | PRT: Wildflower Weekend (Up Country) |
| 29, 30 April | *SCAN Field trip (Oconee/Pickens Mountains) |
| 6, 7 May | PRT: Woods' Bay Weekend (Sumter County) |
| 20 May | *SCAN Field trip (Croft State Park - Spartanburg County) |

SCAN: THE FIRST TEN YEARS

The feasibility of incorporating SCAN was discussed, and Charles Lewis expressed the belief that this course of action was necessary for a group of our size. There was some discussion on both sides of the issue. Charles was appointed to look into the matter, along with Bill Hilton and Roy Frierson. They will report back to the group at a later date.

The afternoon was spent looking at slides, field guides, and miscellaneous books, and some Pleistocene fossils from Berkeley County. These indoor sharing sessions are very rewarding.

Our next field trip will be on 25 March 78, and will take us to Trotters Shoals in Abbeville County. We will meet at 10:30 a.m. in Calhoun Falls at the intersection of Highway 72 and Highway 81. Bring along a lunch as usual. Dr. Ross Clark from Erskine College will lead the way.

I hope that this third year will be an exciting one for each of you. I'll see you on the 25th.

Sincerely,

Rudy E. Mancke, SCAN President



TROTTER'S SHOALS

25 March 1978

The trip to Trotter's Shoals was a cool, wet one, but a success none-the-less. Twenty-seven people were in attendance. Dr. Ross Clark of Erskine College led the way as we walked to the Savannah River below the Highway 72 bridge and moved downstream, exploring the bluffs and ridges that bordered the river. Spring had arrived and we saw flowering rue anemone, hepatica, shadbush, redbud, and bluets.

We noted a good variety of animals, either by direct contact with them or by their signs (galls, cocoons, skulls, etc.). It was an odd feeling to see dwarf palmettos next to a mass of scouring rushes. The variety of habitats gave us some pleasing transitions as we moved from one cove to another. We got a magnificent view of the Savannah River (seventh largest river in the U.S.) from one particular ridge. I would hate to see us swap this section of river with its related flora and fauna for just another lake.

Rudy E. Mancke, SCAN President

Location: Abbeville County

FLORA

Dwarf Palmetto
Sabal minor

Scouring Rush
Equisetum hyemale

Box Elder
Acer negundo

Painted Buckeye
Aesculus sylvatica

Shadbush
Amelanchier arborea

Hop Hornbeam
Ostrya virginiana

Redbud
Cercis canadensis

Common Indigobush
Amorpha fruticosa

Prickly Pear
Opuntia compressa

Devils-walking-stick
Aralia spinosa

Mint
Salvia georgiana

Bluets
Houstonia missillia

Hepatica
Hepatica americana

Wake Robin
Trillium cuneatum

Crane-fly Orchid
Tipularia discolor

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Rue Anemone <i>Thalictrum thalictroides</i>	Pussy Toes <i>Antennaria sp.</i>	Lichen <i>Cladonia subtenuis</i>
Resurrection Fern <i>Polypodium polypodioides</i>	Wild Ginger <i>Hexastylis sp.</i>	Lichen <i>Romalina fastigiata</i>
Upland Sea Oats <i>Uniola latifolia</i>	Cedar Apple Rust <i>Gymnosporangium juniperi-virginianae</i>	Lichen <i>Cladonia clavulifera</i>
Chalk Maple <i>Acer saccharum leucoderme</i>	Common Schizophyllum <i>Schizophyllum commune</i>	Lichen <i>Parmelia perforata</i>
S. Shagbark Hickory <i>Carya caroliniae-septentrionalis</i>	Lichen <i>Anaptychia echinata</i>	
Red Cedar <i>Juniperus virginiana</i>	British Soldiers <i>Cladonia cristatella</i>	

FAUNA

Yellow-bellied Sapsucker <i>Sphyrapicus varius</i>	N. Spring Peeper <i>Hyla c. crucifer</i>	Tent Caterpillar <i>Malacosoma americana</i>
Beaver <i>Castor canadensis</i>	Common Great Zonite <i>Mesomphix vulgatus</i>	Hackberry Gall Louse <i>Pachypsylla venusta</i>
Whitetail Deer <i>Odocoileus virginianus</i>	Common White-lipped Forest Snail <i>Mesodon thyroidus</i>	Polyphemus Moth <i>Antheraea polyphemus</i>
E. Box Turtle <i>Terrapene C. carolina</i>	Praying Mantis <i>Mantis religiosa</i>	ARGE Tiger Moth <i>Callarethia arge</i>
N. Cricket Frog <i>Acris c. crepitans</i>	Carolina Mantid <i>Stagmomantis carolina</i>	Net-winged Beetle <i>Dictyopterus aurora</i>

CAROLINA MOUNTAINS

29 - 30 April 1978

The meeting of 29, 30 April was spectacular. The weather was pleasant and the experiences in Oconee County were exciting. Thirty-three people took part. We found and explored everything from tunnels to waterfalls, and saw plants and animals galore. The time spent in the darkness, both in the tunnels and on a night walk, were especially rewarding.

A special thanks goes to SCAN members Roy Frierson and Charles Lewis for a superb job of planning and execution. Their preparation made the trip a great success.

On our way to Burrell's Ford on Sunday, we passed through the area ravaged by fire earlier this year. The stark contrast between the greenery of living trees and the blackness of burned ones is hard to forget. Perhaps it is good to be reminded that just because an area is federally owned and protected, it is not exempt from destruction. Stopping at the edge of the burned area, we noted that clumps of birdfoot violets were in flower and that sprouts were coming up from the bases of burned trees. The reclamation process has already begun.

Rudy E. Mancke, SCAN President

Location: Oconee County

FLORA

Jack-in-the-Pulpit
Arisaema triphyllum

Erect Trillium
Trillium erectum

Catesby's Trillium
Trillium catesbaei

Wake Robin
Trillium cuneatum

Indian Cucumber Root
Medeola virginiana

Wood Anemone
Anemone quinquefolia

Bluets
Houstonia sp.

Mayapple
Podophyllum peltatum

Heartleaf
Hexastylis minor

Poor Robin's Plantain
Erigeron pulchellus

Devil's Bit
Chamaelirium luteum

Lyre-leaved Sage
Salvia lyrata

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Pinkster-Flower
Rhododendron nudiflorum

Downy Rattlesnake Plantain
Goodyera pubescens

Pink Ladies' Slipper
Cypripedium acaule

Showy Orchis
Orchis spectabilis

Speckled Wood Lily
Clintonia umbellulata

Purple Stoneroot
Collinsonia verticillata

Frasier Magnolia
Magnolia fraseri

Running Pine
Lycopodium flabelliforme

Foam flower
Tiarella cordifolia var. *cordifolia*

Green and Gold
Chrysogonum virginianum

Crossvine
Anisostichus capreolata

Wild Geranium
Geranium maculatum

Birdsfoot Violet
Viola pedata

Halberd-leaf Violet
Viola hastata

Dwarf Iris
Iris verna

Trautvetteria carolinensis

Christmas Fern
Polystichum acrostichoides

Broad Beech Fern
Thelypteris hexagonoptera

Rattlesnake Fern
Botrychium virginianum

Cinnamon Fern
Osmunda cinnamomea

Royal Fern
Osmunda regalis

Maidenhair Fern
Adiantum pedatum

Bradley's Spleenwort
Asplenium bradleyi

Grey Urn Mushroom
Urnula craterium

FAUNA

Ruby-throated Hummingbird
Archilochus colubris

N. Parula
Parula americana

Yellow-throated Warbler
Dendroica dominica

Scarlet Tanager
Piranga olivacea

E. Phoebe
Sayornis phoebe

Great Crested Flycatcher
Myiarchus crinitus

Tufted Titmouse
Parus bicolor

Red-eyed Vireo
Vireo olivaceus

Striped Skunk
Mephitis mephitis elongata

E. Gray Squirrel
Sciurus c. carolinensis

Bullfrog
Rana catesbeiana

Mountain Dusky Salamander
Desmognathus ochrophaeus

N. Dusky Salamander
Desmognathus f. fuscus

N. Spring Peeper
Hyla c. crucifer

Stinkpot
Stemotherus odoratus

E. Garter Snake
Thamnophis s. sirtalis

E. Painted Turtle
Chrysemys p. picta

Filmy Dome Spider
Neriene radiata

FAUNA (Cont'd)

Bowl and Dolly Spider
Frontinella pyramitella

Long-jawed Orb Weaver
Tetragnatha elongata

Walnut Sphinx Moth
Cressonia juglandis

Praying Mantis
Mantis religiosa

Boreal Camel Cricket
Ceuthophilus brevipes

Spicebush Swallowtail
Papilio troilus

Pipevine Swallowtail
Papilio phileor

Tiger Swallowtail
Papilio glaucus

Golden-winged Skipper
Autoclypeus cellus

Silver-spotted Skipper
Epargyreus c. clarus

Luna Moth
Actias (Tropaea) luna



CAMP CROFT STATE PARK

20 May 1978

The meeting at Camp Croft State Park was a warm, pleasant one. We had over 40 people in attendance. David Scott, of the Spartanburg Nature-Science Center, planned the day for us. We got a chance to see a variety of habitats, as we walked over a small section of the park. The contrast between cool, moist deciduous forests and hot, dry pine forests was obvious. Much of the area was gullied from past farming. The list that follows will give you some idea of the great variety of species to be seen on this section of the piedmont. We never seem to have enough time on these fieldtrips.

Rudy E. Mancke, SCAN President

Location: Spartanburg County

FLORA

Black Cohosh
Cimicifuga racemosa

Violet Wood Sorrel
Oxalis violacea

Small's Ragwort
Senecio smallii

Mayapple
Podophyllum peltatum

Jack-in-the-Pulpit
Arisaema triphyllum

Green Dragon
Arisaema dracontium

Running-Pine
Lycopodium flabelliforme

Catesby's Trillium
Trillium catesbaei

Upland Sea Oats
Uniola latifolia

Beard Tongue
Penstemon canescens

Venus' looking Glass
Specularia perfoliata

Bloodroot
Sanguinaria canadensis

Downy Rattlesnake Plantain
Goodyera pubescens

Cranefly Orchid
Tipularia discolor

Lyre-leaved Sage
Salvia lyrata

Cranesbill
Geranium carolinianum

Spicebush
Lindera benzoin

Mountain Laurel
Kalmia latifolia

Doghobble
Leucothoe axillaris var. *editorum*

Wisteria
Wisteria sinensis

FAUNA

N. Parula
Parula americana

Yellow-throated Warbler
Dendroica dominica

E. Kingbird
Tyrannus tyrannus

Acadian Flycatcher
Empidonax virescens

Red-eyed Vireo
Vireo olivaceus

Bobwhite
Colinus virginianus

Red Fox
Vulpes vulpes fulva

Six-lined Racerunner
Cnemidophorus sexlineatus

N. Fence Lizard
Sceloporus undulatus hyacinthinus

Ground Skink
Leiopeltis laterale

E. Box Turtle
Terrapene c. carolina

Fowler's Toad
Bufo woodhousei fowleri

Spotted Salamander
Ambystoma maculatum

Black-sided Grasshopper
Tettigidea lateralis

Tiger Beetle
Cicindela repanda

Red-spotted Purple
Limenitis a. astyanax

Tiger Swallowtail
Papilio glaucus

Spicebush Swallowtail
Papilio troilus

Zebra Swallowtail
Graphium marcellus

Pearl Crescent
Phyciodes t. tharos

Spring Azure
Celastrina argiolus pseudargiolus

Questionmark
Polygonia interrogationis

Bowl and Doily Spider
Frontinella pyramitella

Common White-lipped Forest Snail
Mesodon thyroideus

Woven Belly Tooth Snail
Ventridens intertextus

Disk Cannibal Snail
Haplotrema concavum

Bronze Labyrinth Snail
Strobilops aeneus

White-lipped Forest Snail
Triodopsis albolabris



SANTEE COASTAL RESERVE 1978

17 June 1978

The meeting of the 17th at Santee Coastal Reserve was a resounding success. We appreciate the help of Chick Gaddy who led the way for us. Twenty-six people were in attendance. The weather was perfect as we explored bays in an upland situation and then walked alongside Blake's Reserve, a freshwater impoundment. Plants took the spotlight on the first stop, along with a whitetail deer fawn and some butterflies. Reptiles, amphibians, and ospreys (adults, nests, young) were the highlight. We were also joined by deer flies and mosquitos at the reserve, and were happy to note that the dragonfly and spider populations were high there.

Rudy E. Mancke, SCAN President

Location: Charleston County

FLORA

Grass Pink <i>Calopogon pulchellus</i>	Black-root <i>Pterocaulon pycnostachyum</i>	Goat's-rue <i>Tephrosia virginiana</i>
Nuttall's Lobelia <i>Lobelia nuttallii</i>	Narrow-leaved Sabatia <i>Sabatia brevifolia</i>	* Baldwin's Nut Rush <i>Scleria baldwinii</i>
Milkweed <i>Asclepias lanceolata</i>	Yellow Meadow-beauty <i>Rhexia lutea</i>	Intelligence Plant <i>Centella asiatica</i>
Tail Milkwort <i>Polygala cymosa</i>	Coral Bean <i>Erythrina herbacea</i>	Galiberry <i>Ilex glabra</i>
Orange Milkwort <i>Polygala lutea</i>	Foxtail Clubmoss <i>Lycopodium alopecuroides</i>	Iris <i>Iris tridentata</i>
Trumpet Pitcher Plant <i>Sarracenia flava</i>	* Lace-lip Spiral Orchid <i>Spiranthes laciniata</i>	New Jersey Tea <i>Ceanothus americanus</i>
Sundew <i>Drosera leucantha</i>	Pencil Flower <i>Stylosanthes biflora</i>	Wild Cut Grass <i>Zizaniopsis milacea</i>
Whitetop Sedge <i>Dichromena latifolia</i>	*rare	

FAUNA

Anhinga <i>Anhinga anhinga</i>	S. Cricket Frog <i>Acris g. gryllus</i>	Orchard Spider <i>Leucauge venusta</i>
Osprey <i>Pandion haliaetus</i>	Bronze Frog <i>Rana c. clamitans</i>	Golden Silk Spider <i>Nephila clavipes</i>
Crested Flycatcher <i>Myiarchus crinitus</i>	S. Leopard Frog <i>Rana utricularia</i>	Striped Argiope <i>Argiope trifasciata</i>
Carolina Wren <i>Thryothorus ludovicianus</i>	Pig Frog <i>Rana grylio</i>	Nordmann's Orb Weaver <i>Araneus gemma</i> ???
N. Parula <i>Parula americana</i>	Tiger Swallowtail <i>Papilio glaucus</i>	Scarab Beetle <i>Euphoria sepulchralis</i>
Alligator <i>Alligator mississippiensis</i>	Spicebush Swallowtail <i>Papilio troilus</i>	Blackwing Damselfly <i>Calopteryx maculata</i>
Green Anole <i>Anolis c. carolinensis</i>	Viceroy <i>Limenitis a. archippus</i>	Dragonfly <i>Erythemis simplicicollis</i>
Little Grass Frog <i>Limnaeodius ocularis</i>	Buckeye <i>Junonia c. coenia</i>	
Ornate Chorus Frog <i>Pseudacris ornata</i>	Georgia Satyr <i>Euptychia a. areolata</i>	

DEAD ON THE ROAD (Williamsburg County)

Mole Snake (f)
Lampropeltis c. rhombomaculata



HITCHCOCK WOODS

15 July 1978

The meeting at Hitchcock Woods was a pleasant one. Twenty people were in attendance. We are grateful to Polly Goldston and her husband for their guidance. After seeing only a small part of the woods, we all felt that every town should have such a place. Hitchcock Woods is open to all interested persons, and you are encouraged to visit on your own. Quite a variety of habitats are available and this fact is reflected in the floral and fauna lists that follow.

Rudy E. Mancke, SCAN President

Location: Aiken County

FLORA

Horse Sugar
Symplocos tinctoria

Fringe Tree
Chionanthus virginicus

Red Mulberry
Morus rubra

Magnolia
Magnolia grandiflora

Chinkapin
Castanea pumila

Deciduous Holly
Ilex vomitoria

Sparkleberry
Vaccinium arboreum

Gooseberry
Vaccinium stamineum var.
stamineum

Spanish Moss
Tillandsia usneoides

Rosinweed
Silphium compositum

False Foxglove
Aureolaria pectinata

Bloodroot
Sanguinaria canadensis

Wild Yam
Dioscorea villosa

Spurge Nettle
Cnidioscolus stimulosus

Coreopsis
Coreopsis major

False Solomon's Seal
Smilacina racemosa

Jointweed
Polygonella americana

Fungus
Ganoderma lucidum

Lichen
Parmelia perforata

FAUNA

Yellow-billed Cuckoo
Coccyzus americanus

Great Crested Flycatcher
Myiarchus crinitus

E. Box Turtle
Terrapene C. carolina

Ground Skink
Leiopeltis laterale

Fowler's Toad
Bufo woodhousei fowleri

Slimy Salamander
Plethodon g. glutinosus

Filmy-dome Spider
Linyphia marginata

Bowl and Dolly Spider
Frontinella pyramitella

Spiny-bodied Spider
Microthema gracilis

Spiny-bodied Spider
Gasteracantha cancriformis

Silver-spotted Skipper
Epargyreus C. clarus

Spicebush Swallowtail
Papilio troilus

Pipevine Swallowtail
Battus philenor

Buckeye
Junonia C. coenia

Twig Girdler
Oncideres cingulata

Dead On The Road, Colleton County

Carolina Wren
Thryothorus ludovicianus

Prairie Warbler (immature)
Dendroica discolor



BOTANY BAY ISLAND

19-20 August 1978

The overnight trip to Botany Bay was an exciting one. Forty people were in attendance. A special thanks goes to the caretaker, Tom Tindell, who allowed us the privilege of exploring and camping on the place. The list that follows shows the great variety of plants and animals that we found. That variety is a reflection of the diversity of habitats represented there. On the beach, along with the shells listed, we found a couple of fossils and a piece of Indian pottery. As we were about to leave on Sunday, someone noticed a cicada nymph crawling toward a large live oak. We placed it on a branch and watched as it transformed from nymph to adult. The miracle of metamorphosis is always thrilling to observe.

Rudy E. Mancke, SCAN President

Location: Charleston County

FLORA

Meadowbeauty
Rhexia m. mariana

Sea Oxeye
Borrchia frutescens

Wood Sage
Teucrium canadense

Milkweed Vine
Cynanchum palustre

Sea-bright
Suaeda linearis

Gaura
Gaura angustifolia

No Common Name
Melanthera hastata

Marsh Elder
Iva frutescens

Fog Fruit
Lippia nodiflora

Partridge Pea
Cassia fasciculata

Dotted Horsemint
Monarda punctata

Popcorn Tree
Sapinum sebiferum

Fire Cedar
Tamarix gallica

FAUNA

Bald Eagle
Haliaeetus leucocephalus

Osprey
Pandion haliaetus

Brown Pelican
Pelecanus occidentalis

FAUNA (Cont'd)

Screech Owl <i>Otus asio</i>	Snowy Egret <i>Egretta thula</i>	Dragonfly <i>Erythrodiplax naeva</i>
Great Horned Owl <i>Bubo virginianus</i>	Alligator <i>Alligator mississippiensis</i>	Amberwing Dragonfly <i>Pantemis tenera</i>
Yellow-billed Cuckoo <i>Coccyzus americanus</i>	Ground Skink <i>Laelolopisma laterale</i>	Giant Swallowtail <i>Papilio c., cresphontes</i>
Wood Ibis <i>Mycteria americana</i>	E. Glass Lizard <i>Ophisaurus ventralis</i>	Palamedes Swallowtail <i>Papilio palamedes</i>
White Ibis <i>Eudocimus albus</i>	Green Anole <i>Anolis c. carolinensis</i>	Black Swallowtail <i>Papilio polydorus asterius</i>
Yellow-crowned Night Heron <i>Nycticorax violaces</i>	E. Garter Snake <i>Thamnophis s. sirtalis</i>	Tiger Swallowtail <i>Papilio glaucus</i>
Black-crowned Night Heron <i>Nycticorax nycticorax</i>	N. Copperhead <i>Agkistrodon contortrix mokeson</i>	Gulf Fritillary <i>Agraulis vanillae nigror</i>
Black-bellied Plover <i>Pluvialis squatarola</i>	Carolina Diamondback Turtle <i>Malaclemys terrapin centrata</i>	Variegated Fritillary <i>Euptoieta claudia</i>
Pileated Woodpecker <i>Dryocopus pileatus</i>	S. Toad <i>Bufo terrestris</i>	Cloudless Sulphur <i>Phoebis sennae eubule</i>
Hairy Woodpecker <i>Picoides villosus</i>	S. Leopard Frog <i>Rana utricularia</i>	Little Sulfur <i>Eurema lisa</i>
Red-bellied Woodpecker <i>Centurus carolinus</i>	E. Narrowmouthed Toad <i>Gastrophryne carolinensis</i>	Sleepy Orange <i>Eurema nicippe</i>
Black-and-White Warbler <i>Mniotilta varia</i>	Squirrel Treefrog <i>Hyla squirella</i>	Viceroy <i>Limenitis a. archippus</i>
Little Blue Heron <i>Egretta caerulea</i>	E. Gray Squirrel <i>Sciurus c. carolinensis</i>	Buckeye <i>Junonia c. coenia</i>
Great Blue Heron <i>Ardea herodias</i>	Raccoon <i>Procyon lotor solutus</i>	Red Admiral <i>Vanessa atalanta</i>
Green Heron <i>Butorides striatus</i>	Whitetail Deer <i>Odocoileus virginianus</i>	Carolina Satyr <i>Euptychia hermes sosybia</i>
Willet <i>Catoptrophorus semipalmatus</i>	Dragonfly <i>Erythemis simplicicollis</i>	Cicada <i>Cicada marginata</i>
Great Egret <i>Casmerodius albus</i>	Dragonfly <i>Pachydiplax longipennis</i>	Common Tumble Beetle <i>Canthon laevis</i>

FAUNA (Cont'd)

Flat-headed Pine Borer
Chalcophora virginensis

Blister Beetle
Epicauta pestifera

Scarab Beetle
Serica trochiformis

Bowl and Doily Spider
Frontinella pyramitella

Golden Silk Spider
Nephila clavipes

Writing Spider
Argiope aurantia

Fisher Spider
Dolomedes tenebrosus

Channeled Whelk
Busycon canaliculata

Knobbed Whelk
Busycon carica

Atlantic Moon Snail
Polinices duplicatus

Atlantic Slipper
Crepidula fornicata

Florida Horse Conch
Pleuroploca gigantea

Giant Atlantic Cockle
Dinocardium robustum

Giant Atlantic Murex
Murex flavescens

Common Baby's Ear
Sinum perspectivum

Lettered Olive
Olivella sayana

Atlantic Ribbed Mussel
Modiolus demissus

Sand Dollar
Mellita quinquesperforata

Horseshoe Crab
Limulus polyphemus



HAILE GOLD MINE

23 September 1978

The trip to the Haile Gold Mine was a great success. Cloudy skies kept the temperatures down, and we spent the first day of autumn amid the spoil piles of the most productive gold mine in the southeast. Man has mined in this area since the early 1800's, so we got to see the plants and animals that could adjust to those conditions.

The mining operation that is active there today removes sericite commercially. The rocks we encountered were as interesting as they were beautiful. Fools' gold was everywhere. Metamorphic, igneous, and sedimentary rocks were woven together in a way that told an interesting geological story. This site has so much to offer.

Rudy E. Mancke, SCAN President

Location: Lancaster County

FLORA

Uchen
Parmelia perforata

Uchen
Cladonia leporina

British Soldiers
Cladonia cristatella

Prickly Pear
Opuntia compressa

Rosinweed
Silphium compositum

Ragweed
Ambrosia artemisiifolia

Gerardia
Agalinis tenella

Gerardia
Agalinis setacea

Blue Lobelia
Lobelia puberula

Blazing Stars
Liatris earlei

Slim Goldenrod
Solidago stricta

Goldenrod
Solidago rugosa

Fireweed
Erechtites hieracifolia

False Boneset
Kuhnia Eupatorioides

Milkwort
Polygala curtisii

Horse Sugar
Symplocos tinctoria

Honey Locust
Gleditsia triacanthos

Heart's-a-bustin'
Euonymus americanus

Partridge Pea
Cassia fasciculata

No Common Name
Jacquemontia tamnifolia

SCAN: THE FIRST TEN YEARS

FAUNA

Pearl Crescent
Phyciodes t. tharos

Red-banded Hairstreak
Calycopis cecrops

Little Sulfur
Eurema lisa

Sleepy Orange
Eurema nicippe

Red-spotted Purple
Limenitis a. astyanax

Whitetail Dragonfly
Plathemis Lydia

Bowl and Doily Spider
Frontinella pyramitella

Writing Spider
Argiope aurantia

Black Widow
Latrodectus mactans

Goldenrod Beetle
Epicauta pennsylvanica

Spotted Cucumber Beetle
Diabrotica undecimpunctata howardi

Twig Girdler
Oncideres cingulata

Fowler's Toad
Bufo woodhousi fowleri

Fence Lizard
Sceloporus undulatus hyacinthinus

Chimney Swift
Chaetura pelagica

Flicker
Colaptes auratus

Blue Jay
Cyanocitta cristata

Carolina Chickadee
Parus carolinensis

Tufted Titmouse
Parus bicolor

Brown-headed Nuthatch
Sitta pusilla

Carolina Wren
Thryothorus ludovicianus

E. Bluebird
Sialia sialis

Pine Warbler
Dendroica pinus

Common Grackle
Quiscalus quiscula

Summer Tanager
Piranga rubra

Hispid Cotton Rat
Sigmodon hispidus

DEAD ON THE ROAD

Copperhead (moth larva in the stomach)
Agkistrodon contortrix ssp.



GIFFORD HILL QUARRY

28 October 1978

The trip to the limestone quarries was a productive one. Our gratitude goes to the Gifford-Hill and Giant Portland Cement Companies for allowing us to visit. Approximately 80 people were in attendance. Shark teeth and whale bones were the dominant fossils found although lots of other material turned up. A list of fossils follows, along with the names of living organisms we saw. As we were about to leave, Jerry Howe pointed out the remains of a sea turtle in the limestone. We removed some limestone and exposed more turtle. About 1 1/2 hours later the fossil had been totally exposed and removed. The thrill of finding pieces of animals from the Eocene (40 to 60 million years ago) is indescribable. It must be experienced to be appreciated fully. Experiences like that one are what SCAN is all about.

Rudy E. Mancke, SCAN President

Location: Dorchester County

FLORA

Rattlebox
Crotalaria spectabilis

Little Red Morning-glory
Ipomoea coccinea

FAUNA

Marbled Salamander
Ambystoma opacum

Bella Moth
Utetheisa bella

Gulf Fritillary
Agraulis vanillae nigrif

S. Toad
Bufo terrestris

Noctuid Moth
Noropsis hieroglyphica

Cloudless Sulphur
Phoebis sennae eubule

Killdeer
Charadrius vociferus

Monarch
Danaus p. plexippus

Black Widow
Latrodectus mactans

FOSSILS

Archaeocete (teeth & bones)
Rasilosaurus sp.

Sea Turtle (shell)
Psephophorus sp.

Sawfish (rostral teeth)
Pristis sp.

Stingray (dental plates and
barbs)
Myliobatus sp.

Parrotfish (dental plate)
Diodon sp.

Billfish (rostral spine)
Cylindracanthus sp.

White shark (teeth)
Carcharodon auriculatus

Sand Shark (teeth)
Odontaspis hopei

Lemon Shark (teeth)
Negaprion gibbesi

Mako Shark (teeth)
Oxyrhina sp.

Mackeral Shark (teeth)
Lamna sp.

Brachiopod
Terebratula harlani

Miscellaneous Invertebrates

Bryozoans
Pectens
Oysters
Nautiloid
Sanddollar



SANTEE NATIONAL WILDLIFE REFUGE

2 December 1978

The Santee Wildlife Refuge trip was spectacular. We had 40 people present and the weather was perfect. A special thanks goes to Ernest Rauber of the U.S. Fish and Wildlife Service for his help. You can see from the list that follows what an exciting day it turned out to be. The variety of birds alone (52 species) is special. Butterflies were also common. The thrill of a good day in the field is hard to beat. This was a fitting finale to the 1978 SCAN fieldtrip season.

Rudy E. Mancke, SCAN President

Location: Clarendon County

FLORA

Water-spider Orchid
Habenaria repens

Lespedeza
Lespedeza bicolor

American Lotus
Nelumbo lutea

Buttonbush
Cephalanthus occidentalis

Water Tupelo
Nyssa aquatica

Bladderpod
Glottidium vesicarium

Bald Cypress
Taxodium distichum

Lion's Ear
Leonotis nepetaefolia

Turkeytails Fungus
Polysticus versicolor

FAUNA

Pied-billed Grebe
Podilymbus podiceps

Canada Goose
Branta canadensis

Northern Shoveler
Anas clypeata

Great Blue Heron
Ardea herodias

Snow Goose (Blue Goose)
Chen caerulescens

Ring-necked Duck
Aythya collaris

Great Egret
Casmerodius albus

Mallard
Anas platyrhynchos

Canvasback
Aythya valisineria

Snowy Egret
Egretta thula

Pintail
Anas acuta

Common Goldeneye
Bucephala clangula

Louisiana Heron
Egretta tricolor

American Wigeon
Anas americana

Ruddy Duck
Oxyura jamaicensis

SCAN: THE FIRST TEN YEARS

FAUNA (Cont'd)

Hooded Merganser <i>Lophodytes cucullatus</i>	Eastern Phoebe <i>Sayornis phoebe</i>	Fox Sparrow <i>Passerella iliaca</i>
Sharp-shinned Hawk <i>Accipiter striatus</i>	Carolina Chickadee <i>Parus carolinensis</i>	Swamp Sparrow <i>Melospiza georgiana</i>
Marsh Hawk <i>Circus cyaneus</i>	Red-breasted Nuthatch <i>Sitta canadensis</i>	Song Sparrow <i>Melospiza melodia</i>
Peregrine Falcon <i>Falco peregrinus</i>	Carolina Wren <i>Thryothorus ludovicianus</i>	Raccoon <i>Procyon lotor solutus</i>
American Kestrel <i>Falco sparverius</i>	Water Pipit <i>Anthus spinoletta</i>	Yellow-bellied Turtle <i>Chrysemys s. scripta</i>
American Coot <i>Fulica americana</i>	Starling <i>Sturnus vulgaris</i>	Red-bellied Water Snake <i>Natrix e. erythrogaster</i>
Killdeer <i>Charadrius vociferus</i>	Solitary Vireo <i>Vireo solitarius</i>	American Alligator <i>Alligator mississippiensis</i>
American Golden Plover <i>Pluvialis dominica</i>	Yellow-rumped Warbler <i>Dendroica coronata</i>	Long-nosed Gar <i>Lepisosteus osseus</i>
Common Snipe <i>Capella gallinago</i>	Pine Warbler <i>Dendroica pinus</i>	Orchard Spider <i>Leucauge venusta</i>
Greater Yellowlegs <i>Tringa melanoleuca</i>	Palm Warbler <i>Dendroica palmarum</i>	Dragonfly <i>Erythemis simplicicollis</i>
Short-billed Dowitcher <i>Limnodromus griseus</i>	Eastern Meadowlark <i>Sturnella magna</i>	Toper Dragonfly <i>Sympetrum ambiguum</i>
Herring Gull <i>Larus argentatus</i>	Redwinged Blackbird <i>Agelaius phoeniceus</i>	Monarch <i>Danaus p. plexippus</i>
Mourning Dove <i>Zenaidura macroura</i>	Brown-headed Cowbird <i>Molothrus ater</i>	Cloudless Sulphur <i>Phoebastria sennae eubule</i>
Belted Kingfisher <i>Megasceryle alcyon</i>	Cardinal <i>Cardinalis cardinalis</i>	Little Sulfur <i>Eurema lisa</i>
Red-bellied Woodpecker <i>Centurus carolinus</i>	Rufous-sided Towhee <i>Pipilo erythrophthalmus</i>	Sleepy Orange <i>Eurema nicippe</i>
Hairy Woodpecker <i>Picoides villosus</i>	Savannah Sparrow <i>Passerculus sandwichensis</i>	Variegated Fritillary <i>Euptoieta claudia</i>
Downy Woodpecker <i>Picoides pubescens</i>	Dark-eyed Junco <i>Junco hyemalis</i>	Buckeye <i>Junonia c. coenia</i>

FAUNA (Cont'd)

American Painted Lady
Vanessa virginiensis

Pearl Crescent
Phyciodes t. tharos

Gray Hairstreak
Strymon m. melinus

Silver-spotted Skipper
Epargyreus c. clarus

Long-tailed Skipper
Urbanus proteus

Cucumber Beetle
Diabrotica undecimpunctata howardi

Sap-feeding Beetle
Carpophilus brachypterus

Burrower Bug
Pergandeus bilineatus

Blackberry Gall Wasp
Diastrichus nebulosus

Cypress Gall Wasp
Ionida anthici

Leafy Oak Gall Wasp
Andricus folietus

Flattened Filter Clam
Elliptio complanata

Asiatic Clam
Corbicula manilensis





1979 FIELD TRIP LIST

DATE	SITE VISITED	COUNTY	PAGE
26 Jan 79	Annual Meeting	Richland	II-79
24 Feb 79	Huntington Beach SP	George- town	II-82
24 Mar 79	Congaree River Bottom	Richland	II-85
28, 29 Apr 79	Table Rock SP/Jones Gap	Pickens/ Greenville	II-87
26 May 79	Wenee Woods	Sumter	II-90
23 Jun 79	Steven's Creek	McCormick	II-93
21 Jul 79	Carolina Bay	Horry	II-95
18 Aug 79	Raven Cliff Falls	Greenville	II-97
29 Sep 79	Giant Portland Cement Quarry	Dorchester	II-99
27 Oct 79	Witherspoon Island	Darlington	II-102
Nov 79	No meeting		
1 Dec 79	Santee NWR	Clarendon	II-105

ANNUAL MEETING

26 January 1979

Forty people attended this year's annual "indoor" meeting. We began with a report that SCAN now has 135 members. A membership list was handed out and if you would like a copy, drop me a card and a list will come with the next newsletter. We now have \$537.41 in the bank. Most of the morning was spent taking a look at last year's field trips and dealing with miscellaneous old business. A special thanks goes to Alex Riddle, Betty Gilbert, and Sally Battle for the use of their slides. They gave us a chance to relive some of the outstanding moments of our past.

The scientific name for the fossilized sea turtle we collected on the 28 October '78 trip was Psephophorus. It was misspelled earlier. There was a report on the endangered plant conference held on 6 January '79 and sponsored by the Heritage Trust Program of the South Carolina Wildlife and Marine Resources Department. Doug Rayner chaired the meeting which resulted in the formation of a list of threatened and endangered plant species in the state. This list will be of help to people interested in protecting these rare species. We learned that legislation is about to be introduced that would protect Venus' Fly Traps in South Carolina. Finally, Evelyn Dabbs collected a dead Western Tanager from Sumter County, the first of this species ever to be collected in the state. Sightings have been made before, but this was the first specimen in hand.

Under new business, the group came up with the following dates of interest to naturalists for the first seven months of 1979.

24 Feb	SCAN-Huntington Beach State Park
15, 16 Mar	Environmental Education Conference (Santee State Park)
15 Mar	Roger Tom Peterson Lecture (Columbia)
24 Mar	SCAN - Congaree (Richland County)
5, 6 Apr	S.C. Academy of Science (USC - Columbia)

SCAN: THE FIRST TEN YEARS

7, 8 Apr	PRT - Lowlands Wildflower Weekend
20, 21, 22 Apr	Mini Conservation Summit - Camp Hope Clemson
21, 22 Apr	PRT - Highlands Wildflower Weekend
28, 29 Apr	SCAN - Carolina Mountains
5, 6 May	PRT Wood's Bay Weekend
26 May	SCAN - Sumter County - Evelyn Dabbs - Bird Banding
2, 9 June	PRT - Bird counts
23 June	SCAN (Raven Cliff Falls)
21 July	SCAN - Venus' Fly Trap Habitat

For more information on the PRT trips, call 758-3622 or write Naturalist, Division of State Parks, 1205 Pendleton Street, Columbia, S.C. 29201. I encourage you to share in as many of these experiences as possible. Any suggestions as to potential field trip sites would be welcomed. Sara Simons has agreed to coordinate trips to the Pee Dee area of the state. Bill McMaster will do the same for the York County area. Charles Lewis and Roy Frierson will be planning the mountain trip. The more people involved, the better. If you are so inclined, get in touch with me.

It was noted that \$5.00 dues per year continues to be sufficient. The group, however, decided that instead of paying on a staggered schedule, payment would be made in January of each year. The annual meeting would also be held during that month. If you owe dues during the first six months of 1979 go ahead and pay them. Let me remind you that the date shown beside your address on this envelope is the date that your dues are due. If they are due from July on, please wait and pay them next January.

There was some discussion concerning children attending the monthly field trips. It was felt that a few field trips should be planned to include children. They would be announced as such, but keep in mind that the membership of SCAN is limited to people of high school age and older. Inclusion of workshops along with the field trips was also discussed.

It was also suggested that each member might make a name tag and wear it on field trips. SCAN is getting so large now that names are hard to remember. Make your tag in any form you like. It will be interesting to see what you come up with.

The final topic discussed concerned the incorporation of SCAN, and dealt with the constitution and by-laws sent earlier to each member. The members present felt that incorporation was a good step to take for three reasons: 1) to keep the SCAN name from being used by another group, 2) to allow us to use bulk mailing rates, and 3) to put us on record as being a viable organization in South Carolina. Charles Lewis and Roy Frierson urged each member to send their comments and suggestions to them. Above all, the feeling of the group was to keep the constitution and by-laws as simple and concise as possible. Most members felt that the organization functions best without too many rules and regulations. On a voice vote the members present asked Charles and Roy to move ahead along the lines of incorporation, keeping the membership informed before any final decisions are made. Until the constitution and by-laws are in force, Rudy Mancke was asked to continue to serve as president of SCAN. After a KFC (Kentucky Fried Chicken) lunch, the afternoon was spent swapping ideas about new books of interest and looking at objects collected on last years' trips.

Our next field trip is scheduled for 24 Feb 79 and will take us to Huntington Beach State Park in Georgetown County (see map). We will meet at 10:30 A.M. Bring along a lunch. There will be quite a variety of habitats to look at, everything from open beach and sand dunes to salt-marsh and maritime forest. I hope that you will be able to attend this meeting along with all of the others in 1979. Experiences like these are valuable indeed. Have as many of them as you can.

Sincerely,

Rudy E. Mancke, SCAN President

HUNTINGTON BEACH STATE PARK

24 February 1979

The Huntington Beach trip was a perfect way to begin the year. A special thanks goes to Florence High for her help. Even though it rained intermittently all around the area, we never got rained on. There were 30 people present and we explored a variety of habitats. The beach was littered with the remains of plants and animals that had been tossed ashore. The birding was good and we were surprised to find three large snakes (each a different species) sunning beside concrete slabs near the parking area.

We had picked up a DOR Barred Owl in Sumter County on the way and dissected it at the park. We found that it was a female, with eggs well developed in the ovary. She had the remains of a bird in her stomach.

P.S. I was in Lancaster County on 2 March 1979 and heard a rousing chorus of Spring Peepers. Mourning Cloak and Questionmark butterflies were fluttering by. Can spring be far behind?

Rudy E. Mancke, SCAN President

Location: Georgetown County

FLORA

Yaupon
Ilex vomitoria

Glasswort
Salicornia sp.

Waxmyrtle
Myrica cerifera

Sea Rocket
Cakile harperi

Sea Lavender
Limonium sp.

Sea Oxeye
Borrchia frutescens

FAUNA

Bobcat <i>Lynx rufus floridanus</i>	Common Gallinule <i>Gallinula chloropus</i>	Corn Snake <i>Elaphe g. guttata</i>
Raccoon <i>Procyon lotor solutus</i>	American Coot <i>Fulica americana</i>	Greenish Rat Snake <i>Elaphe obsoleta ssp.</i>
Pied-billed Grebe <i>Podilymbus podiceps</i>	Piping Plover <i>Charadrius melodus</i>	Coachwhip, E. <i>Masticophis f. flagellum</i>
Brown Pelican <i>Pelecanus occidentalis</i>	Ruddy Turnstone <i>Arenaria interpres</i>	Atlantic Loggerhead Sea Turtle <i>Caretta c. caretta</i>
Double-crested Cormorant <i>Phalacrocorax auritus</i>	Willet <i>Catoptrophorus semipalmatus</i>	Coquina <i>Donax sp.</i>
Great Blue Heron <i>Ardea herodias</i>	Short-billed Dowitcher <i>Limnodromus griseus</i>	Saw-toothed Sea Pen <i>Atrina serrata</i>
Little Blue Heron <i>Egretta caerulea</i>	Sanderling <i>Calidris alba</i>	Ponderous Ark <i>Noetia ponderosa</i>
Great Egret <i>Casmerodius albus</i>	Great Black-backed Gull <i>Larus marinus</i>	Incongruous Ark <i>Anadara brasiliana</i>
Gadwall <i>Anas strepera</i>	Herring Gull <i>Larus argentatus</i>	Lettered Olive <i>Oliva sayana</i>
American Wigeon <i>Anas americana</i>	Ring-billed Gull <i>Larus delawarensis</i>	Atlantic Moon Snail <i>Polinices duplicatus</i>
Redhead <i>Aythya americana</i>	Bonaparte's Gull <i>Larus philadelphia</i>	Atlantic Baby's Ear <i>Sinum perspectivum</i>
Ring-Necked Duck <i>Aythya collaris</i>	Forster's Tern <i>Sterna forsteri</i>	Atlantic Slipper <i>Crepidula fornicata</i>
Canvasback <i>Aythya valisineria</i>	American Robin <i>Turdus migratorius</i>	Atlantic Jingle Shell <i>Anomia simplex</i>
Ruddy Duck <i>Oxyura jamaicensis</i>	Yellow-rumped Warbler <i>Dendroica coronata</i>	Channeled Duck Clam <i>Labiosa plicatella</i>
Hooded Merganser <i>Lophodytes cucullatus</i>	Red-winged Blackbird <i>Agelaius phoeniceus</i>	Surf Clam <i>Spisula solidissima</i>
Merlin <i>Falco columbarius</i>	Boat-tailed Grackle <i>Quiscalus major</i>	Bee Chiton <i>Chaetopleura apiculata</i>
American Kestrel <i>Falco sparverius</i>	Cardinal <i>Cardinalis cardinalis</i>	Alternate Tellin <i>Tellina alternata</i>

SCAN: THE FIRST TEN YEARS

FAUNA (Cont'd)

Common Simnia
Simnia acicularis

Horse Conch
Pleuroploca gigantea

Tulip Shell
Fasciolaria tulipa

Banded Tulip
Fasciolaria hunteria

Fig Shell
Ficus communis

Wing Oyster
Pteria colymbus

Dosinia Clam
Dosinia discus

Angelwing
Cyrtopleura costata

Knobbed Whelk
Busycon carica

Channeled Whelk
Busycon canaliculatum

Great Heart Cockle
Dinocardium robustum

Trumpet Worm
Pectinaria gouldii

Plume Worm
Diopatra cuprea

Sea Pork
Amaroucium sp.

Sea Pansy
Renilla reniformis

Sea Urchin
Abacia punctulata

Sand Dollar
Mellita quinquiesperforata

Blue Crab
Callinectes sapidus

Lady Crab
Ovalipes ocellatus

Stone Crab
Menippe mercenaria

Spider Crab
Libinia sp.

Sand Bug
Emerita talpoida

Horseshoe Crab
Limulus polyphemus

Flannel Moth
Megalopyge opercularis

DEAD ON THE ROAD

Barred Owl (bird in stomach
and eggs developing in
ovary)

Ring-billed Gull (immature, no
food within)



CONGAREE RIVER BOTTOM

24 March 1979

The trip into Congaree was fabulous. We appreciate the special efforts of Chick Gaddy, who led the way, and of Guy Taylor, who represented the National Park Service. Sixty people were in attendance. The "land of giants" lived up to its name, as is reflected in the list that follows. The larger species of trees have their circumference included. Quite a variety of other life forms was noted. We waded through some water, but no complaints were heard.

Rudy E. Mancke, SCAN President

Location: Richland County

FLORA

Sweetgum (16'1" cir.)
Liquidambar styraciflua

Overcup Oak (23' cir. national record)
Quercus lyrata

Swamp Chestnut Oak (16'4" cir.)
Quercus michauxii

Loblolly Pine (14'- 15'1" cir.)
Pinus taeda

Cypress
Taxodium distichum

Water Tupelo
Nyssa aquatica

Pawpaw
Asimina triloba

Spicebush
Lindera benzoin

Boxelder
Acer negundo

Am. Hornbeam
Carpinus caroliniana

Blueberry
Vaccinium ellipticum

Butterweed
Senecio glabellus

Violet
Viola affinis

Mouse-eared Cress
Arabis thaliana

Supplejack
Berchemia scandens

Crossvine
Anisostichus capreolata

Turkeytail Fungus
Polyporus versicolor

Orange Polypore
Fistulina hepatica

FAUNA

Great Blue Heron
Ardea herodias

Black Vulture
Coragyps atratus

Tufted Titmouse
Parus bicolor

SCAN: THE FIRST TEN YEARS

FAUNA (Cont'd)

White-throated Sparrow
Zonotrichia albicollis

N. Parula
Parula americana

Yellow-rumped Warbler
Dendroica coronata

Cardinal
Cardinalis cardinalis

Marbled Salamander
Ambystoma opacum

E. Snapping Turtle
Chelydra s. serpentina

Five-lined Skink
Eumeces fasciatus

Common White-lipped Forest
Snail
Mesodon thyroidus

Tooth-bearing Snail
Triodopsis dentifera

Marked Forest Snail
Triodopsis denotata

Common Great Zonite
Mesophix vulgatus

Pregnant Gingernail Clam
Sphaerium partumelum

Questionmark
Polygonia interrogationis

Tiger Swallowtail
Papilio glaucus

Flannel Moth
Megalopyge opercularis

Pleasing Fungus Beetle
Megalodacne fasciata

Isopod
Asellus sp.

Amphipod
Gammarus sp.



TABLE ROCK STATE PARK/JONES GAP

28-29 April 1979

The mountain excursion was delightful. Thirty-eight people attended as we hiked into Jones Gap and saw a great variety of living things. The butterflies were numerous, and spring wildflowers were out. The night hike at Table Rock State Park was also interesting. On Sunday we hiked the nature trail at Table Rock and noted quite a variety of birds along the way, as well as flowers and many other plants. The list that follows is a distillation of longer lists. If we had included everything, the newsletter would have become a magazine. These spring time mountain trips continue to be exceptional experiences.

Rudy E. Mancke, SCAN President

Location: Greenville/Pickens Counties

FLORA

Isoetes	Green and Gold	Puttyroot
<i>Isoetes engelmannii</i>	<i>Chrysogonum virginianum</i> var. <i>australe</i>	<i>Apictrum hyemale</i>
Royal Fern	Foamflower	Mayapple
<i>Osmunda regalis</i>	<i>Tiarella cordifolia</i>	<i>Podophyllum peltatum</i>
Broad Beech Fern	Yellowroot	Robin's Plantain
<i>Thelypteris hexagonoptera</i>	<i>Xanthorhiza simplicissima</i>	<i>Erigeron pulchellus</i>
Rattlesnake Fern	Sweetshrub	Blue Stars
<i>Pteridium aquilinum</i>	<i>Calycanthus floridus</i>	<i>Amsonia tabernaemontana</i>
New York Fern	Trailing Arbutus	Buffalo Nut
<i>Thelypteris noveboracensis</i>	<i>Epigaea repens</i>	<i>Pyrolaria pubera</i>
Rock Cap Fern	Pink Lady's Slipper	Galax
<i>Polypodium virginianum</i>	<i>Cypripedium acaule</i>	<i>Galax aphylla</i>
Ground Pine	Downy Rattlesnake Plantain	Pawpaw
<i>Lycopodium flabelliforme</i>	<i>Goodyera pubescens</i>	<i>Asimina triloba</i>
Am. Chestnut	Cranefly Orchid	Squawroot
<i>Castanea dentata</i>	<i>Tipularia discolor</i>	<i>Conopholis americana</i>

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Indian Cucumber Root
Medeola virginiana

Maple-leaf Viburnum
Viburnum acerifolium

False Solomon's Seal
Smilacina racemosa

Solomon's Seals
Polygonatum biflorum

Ginseng
Panax quinquefolium

Fraser Magnolia
Magnolia fraseri

Cucumber Tree
Magnolia acuminata

Beechdrops
Epifagus virginiana

Flame Azalea
*Rhododendron calendula-
ceum*

Rhododendron
Rhododendron minus

Pinxter Flower
Rhododendron nudiflorum

Jack-in-the Pulpit
Arisaema triphyllum

Birdsfoot Violet
Viola pedata

Smooth Yellow Violet
Viola eriocarpa

Devil's Bit
Chamaelirium luteum

Sweet Birch
Betula lenta

Bellwort
Uvularia perfoliata

Dwarf Iris
Iris verna

Fetterbush
Leucothoe recurva

Pussytoes
Antennaria solitaria

Catesby's Trillium
Trillium catesbaei

Wild Comfrey
Cynoglossum virginianum

Alternate-leaf Dogwood
Cornus alternifolia

FAUNA

Hog Sphinx Moth
Darapsa myron

Red-banded Hairstreak
Calycopis cecrops

Tiger Swallowtail
Papilio glaucus

Spicebush Swallowtail
Papilio troilus

Zebra Swallowtail
Graphium marcellus

Silver-spotted Skipper
Epargyreus c. clarus

Spring Azure
*Celastrina argiolus pseudar-
giolus*

Tent Caterpillar
Malacosoma americana

Dragonfly
Tetragoneuria cynosura

Leaf Beetle
Lina interrupta

Carion Beetle
Silpha americana

Carion Beetle
Silpha noveboracensis

Sexton Beetle
Nicrophorus orbicollis

Bowl and Doily Spider
Frontinella pyramitella

Filmy Dome Spider
Neriene radiata

Orchard Spider
Leucauge venusta

Disk Cannibal Snail
Haplotrema concavum

E. Garter Snake
Thamnophis s. sirtalis

N. Copperhead
*Agkistrodon contortrix moke-
son*

N. Ringneck Snake
Diadophis punctatus edwardsi

Red-spotted Newt
Notophthalmus v. viridescens

TABLE ROCK STATE PARK/JONES GAP 1979

FAUNA (Cont'd)

N. Spring Peeper
Hyla c. crucifer

Blue Grosbeak
Guiraca caerulea

Acadian Flycatcher
Empidonax virescens

Ovenbird
Seiurus aurocapillus

Song Sparrows
Melospiza melodia

Am. Robin
Turdus migratorius

Rufous-sided Towhee
Pipilo erythrophthalmus

Turkey Vulture
Cathartes aura

Broad-winged Hawk
Buteo platypterus

Belted Kingfisher
Megasceryle alcyon

Hooded Warbler
Wilsonia citrina

Scarlet Tanager
Piranga olivacea

Red-eyed Vireo
Vireo olivaceus

Black and White Warbler
Mniotilta varia

Yellow-bellied Sapsucker
Sphyrapicus varius

Black-throated Green Warbler
Dendroica virens

Pine Warbler
Dendroica pinus

Yellow-rumped Warbler
Dendroica coronata

Black-throated Blue Warbler
Dendroica caerulescens

Black-capped Chickadee
Parus atricapillus

Tufted Titmouse
Parus bicolor



WENEE WOODS

26 MAY 1979

Let me begin by thanking Evelyn Dabbs and her husband for a marvelous day afield. We had between 50 and 60 people in attendance. The weather was beautiful, and we got to see how birds are netted, banded, and released. We even learned the meaning of that old phrase, "a bird in the hand is worth two in the bush."

After the banding session, we explored the high ground and bluffs that adjacent to the Black River. A great variety of living things made an impression on us as you will note in the lists that follow. Notice also that quite a number of winged creatures were seen close at hand. After the field trip experience many of the members went over to Martha Greenway's house for a swimming party. We want to thank her for the hospitality.

Rudy E. Mancke, SCAN President

Location : Sumter County

FLORA

Devil's Walking Stick
Aralia spinosa

Jewelweed
Impatiens capensis

Redbud
Cercis canadensis

Jack-in-the-pulpit
Arisaema triphyllum

Water Tupelo
Nyssa aquatica

Swamp Tupelo
Nyssa sylvatica biflora

Alligator-weed
Atemanthera philoxeroides

Spatterdock
Nuphar luteum macrophyllum

Beautyberry
Callicarpa americana

Silky Camellia
Stewartia malecodendron

Small Venus' Looking Glass
Specularia biflora

Skullcap
Scutellaria elliptica

Toadflax
Linaria canadensis

Dwarf Red Buckeye
Aesculus pavia

Little Red Morning Glory
Ipomoea coccinea

Black Walnut
Juglans nigra

Lizardtail
Saururus cernuus

Legume
Astragalus michauxii

FLORA (Cont'd)

Indian Cucumber Root
Medeola virginiana

Climbing Hydrangea
Decumaria barbara

Milkweed Vine
Matelea carolinensis

Sensitive Brier
Schrankia microphylla

Smooth Beardtongue
Penstemon laevigatus

FAUNA

Dragonfly
Libellula vibrans

Dragonfly
Tramea onusta

Dragonfly
Pachydiplax longipennis

Dragonfly
Erythemis simplicicollis

Dragonfly
Anax junius

Dragonfly
Macromia taeniolata

Dragonfly
Gomphus exilis

Dragonfly
Epicordulia regina

Dragonfly
Tetragoneuria cynosura

Blackwing Damselfly
Agrion maculatum

Eastern Tailed Blue
Evers c. comyntas

Red Admiral
Vanessa Atalanta

Red-spotted Purple
Limenitis a. astyanax

Tiger Swallowtail
Papilio glaucus

Pipevine Swallowtail
Battus philenor

Gemmed Satyr
Euptychia gemma

Cabbage Butterfly
Pieris rapae

Sleepy Orange
Eurema nicippe

Fish Fly
Chauliodes pectinicornis

Witch Hazel Cone Gail
Hormaphis hamaelidis

Wool-sower Gail Wasp
Callirhytis seminator

Oak Gail Wasp
Amphibolips ilicifoliae

Oak Gail Wasp
Amphibolips inanis

Organ-pipe Wasp
Tryposyxylon politum

Flower Beetle
Trichotinus bibens

Pygmy Grasshopper
Paratettix cuculatus

Filmy Dome Spider
Neriene radiata

Bowl & Dolly Spider
Frontinella pyramitella

Black Widow
Latrodectus mactans

Common White-lipped Forest
Snail
Mesodon thyroideus

Common Great Zonite
Mesophix vulgatus

Freshwater Mussel
Villosa vibex

Lesser Mystery Snail
Campelema declinum

Five-lined Skink
Eumeces fasciatus

Broad-headed Skink
Eumeces laticeps

Green Anole
Anolis c. carolinensis

Brown Water Snake
Natrix taxispilota

Banded Water Snake
Natrix f. fasciata

Northern Black Racer
Coluber c. constrictor

FAUNA (Cont'd)

Yellow-bellied Turtle
Chrysemys s. scripta

Stinkpot
Sternotherus odoratus

Southern Two-lined Salamander
Eurycea bislineata cingera

Slimy Salamander
Plethodon g. glutinosus

Yellow-billed Cuckoo
Coccyzus americanus

Summer Tanager
Piranga rubra

Scarlet Tanager
Piranga olivacea

Yellow-bellied Sapsucker
Sphyrapicus varius

Red-bellied Woodpecker
Centurus carolinus

Downy Woodpecker
Picoides pubescens

Ruby-throated Hummingbird
Archilochus colubris

Great-crested Flycatcher
Myiarchus cineritus

Wood Thrush
Hylocichla mustelina

Common Grackle
Quiscalus quiscula

Cardinal
Cardinalis cardinalis

Rufous-sided Towhee
Pipilo erythrophthalmus

Mourning Dove
Zenaida macroura

Chimney Swift
Chaetura pelagica

Carolina Wren
Thryothorus ludovicianus

Carolina Chickadee
Parus carolinensis

Tufted Titmouse
Parus bicolor

Red-eyed Vireo
Vireo olivaceus

Brown Thrasher
Toxostoma rufum

Fish Crow
Corvus ossifragus

Brown-headed Cowbird
Molothrus ater

Northern Parula Warbler
Parula americana

Yellow-throated Warbler
Dendroica dominica

Prothonotary Warbler
Protonotaria citrea

American Redstart
Setophaga ruticilla



STEVEN'S CREEK

23 June 1979

Our fieldtrip to Steven's Creek was a hot one. Summer had certainly arrived in McCormick County. Twenty-five people were in attendance. The area has quite a variety of rare plants, many of which we saw, along with a number of interesting animal species. Steven's Creek was recently designated as one of the natural landmark areas in the United States.

Rudy E. Mancke, SCAN President

Location : McCormick County

FLORA

Ruellia <i>Ruellia purshiana</i>	Shooting Stars <i>Dodecatheon meadia</i>	Witch Hazel <i>Hamamelis virginiana</i>
Fragrant Sumac <i>Rhus aromatica</i>	Squawroot <i>Conopholis americana</i>	Buckthorn <i>Bumelia Lycioides</i>
Mint <i>Satureja georgiana</i>	Larkspur (only location in Carolinas) <i>Delphinium carolinianum</i>	Gooseberry (only location in Carolinas) <i>Ribes echinellum</i>
Houstonia <i>Houstonia purpurea</i>	Wood Nettle <i>Laportea canadensis</i>	Spicebush <i>Lindera benzoin</i>
Spiderwort <i>Tradescantia rosea</i>	Maidenhair Fern <i>Adiantum pedatum</i>	Pond Cypress <i>Taxodium ascendens</i>
Wild Geranium <i>Geranium maculatum</i>	Hackberry <i>Celtis occidentalis</i> var. <i>georgiana</i>	Pawpaw <i>Asimina triloba</i>
Hepatica <i>Hepatica americana</i>	Mock Orange <i>Philadelphus inodorus</i>	Mushroom <i>Russula emetica</i>
Mayapple <i>Podophyllum peltatum</i>	Hop Hornbeam <i>Ostrya virginiana</i>	
Wild Ginger <i>Asarum canadense</i>		

FAUNA

Orb Weaver Spider
Araneus nordmanni

Bowl and Doily Spider
Frontinella pyramitella

Film Dome Spider
Neriene radiata

Whitetail Dragonfly
Plathemis lydia

Dragonfly
Dromogomphus armata

Common Tumble Beetle
Gnathion laevis

Twig Girdler
Oncideres cingulata

Hardwood Stump Borer
Stenodontes dasystomus

Ground Beetle
Carabus vinctus

Ground Beetle
Scarites substriatus

Green Lacewing
Chrysopa oculata

Hackberry Butterfly
Asterocampa c. celtis

Eastern Tailed Blue
Evers c. comyntas

Disk Cannibal Snail
Haplotrema concavum

Common White-lipped Forest
Snail
Mesodon thyroidus

Northern Fence Lizard
Sceloporus undulatus hyacinthinus

Eastern Box Turtle
Terrapene c. carolina

Fowler's Toad
Bufo woodhousei fowleri

Bobcat
Lynx rufus floridanus

Beaver
Castor canadensis

Carolina Chickadee
Parus carolinensis

Tufted Titmouse
Parus bicolor

Eastern Turkey
Meleagris gallopavo

Yellow-billed Cuckoo
Coccyzus americanus

Hooded Warbler
Wilsonia citrina

Kentucky Warbler
Oporornis formosus

Pine Warbler
Dendroica pinus

Yellow-throated Warbler
Dendroica dominica

Red-eyed Vireo
Vireo olivaceus

Acadian Flycatcher
Empidonax virens

Hairy Woodpecker
Picoides villosus

Downy Woodpecker
Picoides pubescens

Yellow-bellied Sapsucker
Sphyrapicus varius

Pileated Woodpecker
Dryocopus pileatus

Red-shouldered Hawk
Buteo lineatus



CAROLINA BAY

21 July 1979

The Horry County trip reminded me that "into each life a little rain must fall." In our case, it was a lot of rain! We had 40 members present. Joe Pinson from Coastal Carolina led the way. The venus' fly traps were there, along with other carnivorous plants (sundews and pitcher plants.) The group ate blueberries as we explored a Carolina bay. We later took a look at a creek not far way. A fine Eastern Cottonmouth was floating downstream, looking like a toy boat bobbing in the water. We collected it for a closer look and released it later. I continue to be both amazed and pleased at the way SCAN members can put up with each other and with the elements. It makes me proud to be a part of this organization.

Rudy E. Mancke, SCAN President

Location : Horry County

FLORA

Lobelia <i>Lobelia nuttallii</i>	Venus' Fly Trap <i>Dionaea muscipula</i>	Running Oak <i>Quercus pumila</i>
Orange Milkwort <i>Polygala lutea</i>	Trumpet Pitcher Plant <i>Sarracenia flava</i>	Climbing Hydrangea <i>Decumaria barbara</i>
Polygala <i>Polygala brevifolia</i>	Sundew <i>Drosera capillaris</i>	S. Rein Orchid <i>Habenaria flava</i>
Redroot <i>Lachnanthes caroliniana</i>	Sundew <i>Drosera intermedia</i>	Sabatia <i>Sabatia quadrangula</i>
Blackroot <i>Pterocaulon pycnostachyum</i>	Creeping Blueberry <i>Vaccinium crassifolium</i>	Macbridea <i>Macbridea caroliniana</i>
Collicroot <i>Aletris farinosa</i>	Sweetbay <i>Magnolia virginiana</i>	Witch-Alder <i>Fothergilla gardenii</i>
Spurge Nettle <i>Cnidioscolus stimulosus</i>	Loblolly Bay <i>Gordonia lasianthus</i>	Pond Pine <i>Pinus serotina</i>

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

S. Bog Clubmoss
Lycopodium appressum

Foxtail Clubmoss
Lycopodium alopecuroides

Lichen
Cladonia leporina

Cinnamon Fern
Osmunda cinnamomea

Royal Fern
Osmunda regalis var. *spectabilis*

Netted Chain Fern
Woodwardia areolata

FAUNA

Tiger Swallowtail
Papilio glaucus

Black Swallowtail
Papilio polyxenes asterius

Palamedes Swallowtail
Papilio palamedes

Buckeye
Junonia c. coenia

Dragonfly
Libellula semifasciata

Dragonfly
Libellula vibrans

Dragonfly
Pachydiplax longipennis

Filmy-dome Spider
Neriene radiata

Green Lynx Spider
Peucetia viridans

Orb-weaver Spider
Araneus Nordmanni

Six-lined Racerunner
Cnemidophorus sexlineatus

E. Cottonmouth
Agkistrodon p. piscivorus

Mourning Dove
Zenaidura macroura

Carolina Wren
Thryothorus ludovicianus

Rufous-sided Towhee
Pipilo erythrophthalmus

Bobwhite Quail
Colinus virginianus

Prothonotary Warbler
Protonotaria citrea

Nuthatch
Sitta pusilla

Acadian Flycatcher
Empidonax virens

Nighthawk
Chordeiles minor

DEAD ON THE ROAD

Corn Snake - Female - Rich-
land County, Highway 378

Whitetail Deer - Female -
Sumter County, Highway 378



RAVEN CLIFF FALLS

18 August 1979

The Raven Cliff Falls trip was a refreshing one. Forty people were there. The cool of the mountains enveloped us as we explored along a trail to the falls. Special thanks go to the owner of the property, Mr. Otis Moore, for allowing us to visit. Orchids were flowering here and there along with a variety of other interesting plants. "Old man of the Woods" mushrooms were fairly common. We picked and ate some of the huckleberries, blueberries, and blackberries that dotted the hillsides. Animal life was also varied, as is reflected in the species list that follows. A few of us found a large number of garnets that had weathered from micaceous shists near the falls. Those crystals formed under the pressures that squeezed the Appalachians into existence hundreds of millions of years ago.

Rudy E. Mancke, SCAN President

Location : Greenville County

FLORA

Featherbells
Stenanthium gramineum

Indian Cucumber Root
Medeola virginiana

Carolina Lily
Lilium michauxii

Rattlesnake Plantain
Goodyera pubescens

Cranefly Orchid
Tipularia discolor

Yellow-fringed Orchid
Habenaria ciliaris

Small Green Wood Orchid
Habenaria clavellata

Large Whorled Pogonia
Isotria verticillata

Three Birds Orchid
Triphora trianthophora

Rattlesnake Root
Prenanthes altissima

Indian Pipes
Monotropa uniflora

Pinesap
Monotropa hypopithys

Collinsonia
Collinsonia canadensis

Indian Tobacco
Lobelia inflata

Bluebell
Campanula divaricata

Huckleberry
Gaylussacia ursina

False Foxglove
Aureolaria laevigata

Galax
Galax aphylla

Wood Aster
Aster divaricatus var. *chlorolepis*

Trailing Arbutus
Epigaea repens

Polygala
Polygala curtisii

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Fraser Magnolia
Magnolia fraseri

Witch Hazel
Hamamelis virginiana

Rock Chestnut Oak
Quercus prinus

Sweet Birch
Betula lenta

Sweet Pepperbush
Clethra acuminata

Am. Chestnut
Castanea dentata

Mushroom
Russula emetica

Old Man of the Woods
Strombilomyces floccopus

Mushroom
Clavariadelphus likula

FAUNA

Hickory Tussock Moth
Halisdota caryae

Luna Moth
Tropaea luna

Least Skipper
Ancyloxypha numitor

Silver-spotted Skipper
Epargyreus c. clarus

Great Spangled Fritillary
Speyeria c. cybele

Red-Spotted Purple
Limenitis a. astyanax

Tiger Swallowtail
Papilio glaucus

Whitetail Dragonfly
Libellula (plathemis) lydia

Dragonfly
Libellula incesta

Pelecinid Wasp
Pelecinus polyturator

Net-winged Beetle
Calopteron terminale

Witch Hazel Cone Gall
Hormaphys hamamelidis

Giant Forest Snail
Mesodon normalis

N. Red Salamander
Pseudotriton r. ruber

Three-lined Salamander
Eurycea guttolineata

Slimy Salamander
Plethodon g. glutinosus

Red-spotted Newt
Notophthalmus v. viridescens

Scarlet Tanager
Piranga olivacea

Hooded Warbler
Wilsonia citrina

Black-throated Blue Warbler
Dendroica caerulescens

Worm-eating Warbler
Helmitheros vermivorus

Red-eyed Vireo
Vireo olivaceus

Carolina Chickadee
Parus carolinensis

Downy Woodpecker
Picoides pubescens

Ruby-throated Hummingbird
Archilochus colubris

Common Crow
Corvus brachyrhynchos

Yellow-billed Cuckoo
Coccyzus americanus

SHED SKINS

Timber Rattlesnake
Crotalus h. horridus

N. Water Snake
Natrix s. sipedon

GIANT PORTLAND CEMENT QUARRY

29 September 1979

The quarry trip proved to be a successful one. About 40 people braved the rainy weather and were rewarded for their efforts by a very productive day. It's always fun to take a trip back into time simply by descending into a quarry such as Giant Portland Cement. Although the fossil material was interesting indeed, the living things that we encountered were just as intriguing. Thirty-nine species of birds were noted, along with a good variety of insects and some plants. The lists that follow will give you a feeling for what we saw. The age of most of the material we collected was 40-60 million years (late eocene). Some younger fossils were taken too.

Rudy E. Mancke, SCAN President

Location : Dorchester County

FLORA

Rattlebox
Crotalaria spectabilis

Kudzu
Pueraria lobata

Eclipta alba

Frost Flower
Aster pilosus

Pigweed
Amaranthus hybridus

Lamb's-quarter
Chenopodium album

White Sweet Clover
Mellilotus alba

Japanese Lantern
Physalis virginiana

Poplar
Populus deltoides

Black Willow
Salix nigra

FAUNA

Dragonfly
Brachymesia (Cannacris) gravida

Whitetail Dragonfly
Libellula (Plathemis) lydia

Greenjacket Dragonfly
Lepthemis (Erythemis) simplicifolia

Dragonfly
Celithemis eponina

Cloudless Sulfur Butterfly
Phoebis sennae eubule

Sleepy Orange Butterfly
Eurema nicippe

FAUNA (Cont'd)

Viceroy Butterfly <i>Limenitis a. archippus</i>	Osprey <i>Pandion haliaetus</i>	Brown Thrasher <i>Toxostoma rufum</i>
Buckeye Butterfly <i>Junonia c. coenia</i>	Killdeer <i>Charadrius vociferus</i>	E. Bluebird <i>Sialia sialis</i>
Poplar Leaf Gail <i>Pemphigus populi-transversus</i>	Black-bellied Plover <i>Pluvialis squatarola</i>	Loggerhead Shrike <i>Lanius ludovicianus</i>
Ground Beetle <i>Chlaenius sericeus</i>	Solitary Sandpiper <i>Tringa solitaria</i>	Red-eyed Vireo <i>Vireo olivaceus</i>
Black Widow <i>Latrodectus mactans</i>	Greater Yellowlegs <i>Tringa melanoleuca</i>	White-eyed Vireo <i>Vireo griseus</i>
S. Toad <i>Bufo terrestris</i>	Red-bellied Woodpecker <i>Centurus carolinus</i>	Starling <i>Sturnus vulgaris</i>
Green Treefrog <i>Hyla cinerea</i>	Downy Woodpecker <i>Picoides pubescens</i>	Palm Warbler <i>Dendroica palmarum</i>
Pied-billed Grebe <i>Podilymbus podiceps</i>	Red-headed Woodpecker <i>Melanerpes erythrocephalus</i>	Prairie Warbler <i>Dendroica discolor</i>
Green Heron <i>Butorides striatus</i>	Purple Martin <i>Progne subis</i>	Yellowthroat <i>Geothlypis trichas</i>
Great Egret <i>Casmerodius albus</i>	Bluejay <i>Cyanocitta cristata</i>	Belted Kingfisher <i>Megascyle alcyon</i>
Snowy Egret <i>Egretta thula</i>	Common Crow <i>Corvus brachyrhynchos</i>	Chimney Swift <i>Chaetura pelagica</i>
Cattle Egret <i>Bubucius ibis</i>	Tufted Titmouse <i>Parus bicolor</i>	Cardinal <i>Cardinalis cardinalis</i>
Mallard <i>Anas platyrhynchos</i>	House Wren <i>Troglodytes aedon</i>	Common Grackle <i>Quiscalus quiscula</i>
Turkey Vulture <i>Cathartes aura</i>	Carolina Wren <i>Thryothorus ludovicianus</i>	Am. Redstart <i>Setophaga ruticilla</i>
Black Vulture <i>Coragyps atratus</i>	Long-billed March Wren <i>Cistothorus palustris</i>	
Red-tailed Hawk <i>Buteo jamaicensis</i>	Mockingbird <i>Mimus polyglottos</i>	

EXTINCT FAUNA

White Shark
Carcharodon auriculatus

Porbeagle Shark
Lamna leucorhina

Sand Shark
Odontaspis hopei

Tiger Shark
Galeocerdo sp.

Liveroil Shark
Galeorhinus sp.

Cow Shark
Hexanchus sp.

Lemon Shark
Negaprion gibbesi

Bull Shark
Carcharias leucas

Sawfish
Pristis lathamii

Stingray
Myliobatus sp.

Cutlassfish
Trichurus sp.

Bill Fish
Cylindracanthus rectus

Marine Boa
Palaeophis sp.

Archaeocete
Basilosaurus cetoides

Sea Turtle
Psephophorus sp.

Pectin
Chlamys cocoana

Sand Dollar
Periarctus lyelli

Miscellaneous:

Bryozoans
Mollusks
Sea Urchins



C. auriculatus



L. leucorhina



O. hopei



G. leucorhina sp.



N. gibbesi



C. leucas



G. leucorhina sp.



H. leucorhina sp.



P. lathamii



M. lyelli



T. sp.



C. cetoides

Vertebrate Fossils
Giant Portland Cement Quarry
29 Sept 79

WITHERSPOON ISLAND

27 October 1979

Our trip to Witherspoon Island was a success, thanks to the good work of Sara Simons and her husband. The weather was perfect. Thirty-five people were on hand. Two roadkills were picked up on the way. One was an immature, red-shouldered hawk in Lee County, and the other was a nighthawk from Darlington County. The nighthawk, upon examination, had a stomach full of Southern Green Stinkbugs (*Nezara viridula*). Dead animals *do* tell tales. We also did an autopsy on a red-bellied water snake collected on the land. It was emaciated and we quickly learned why -- the body was riddled with parasites.

Witherspoon Island presented us with a great variety of habitats to explore. It was interesting as we moved from one to the other. The lists that follow are a condensation of what we saw. I want to thank Oscar La-Borde, Julia Krebs, and Larry Swails for their help in compiling these lists. In my mind, these species lists are a great part of what makes SCAN so special.

Rudy E. Mancke, SCAN President

Location : Darlington County

FLORA

Lichen <i>Cladonia leporina</i>	Grapefern <i>Botrychium dissectum</i>	Smooth Winterberry <i>Ilex laevigata</i>
Lichen <i>Parmelia perforata</i>	Fall Witchgrass <i>Leptoloma cognatum</i>	Chinese Lantern <i>Physalis angulata</i>
Royal Fern <i>Osmunda regalis spectabilis</i>	Dotted Horsemint <i>Monarda punctata</i>	Gentian <i>Gentiana villosa</i>
Netted Chain Fern <i>Woodwardia areolata</i>	Deciduous Holly <i>Ilex decidua</i>	Gerardia <i>Agalinis purpurea</i>

FLORA (Cont'd)

Heliotrope
Heliotropium indicum

Prickly Pear
Opuntia compressa

Upland Sea Oats
Uniola (Casmanthium) latifolia

Mountain Laurel
Kalmia latifolia

Am. Beech
Fagus grandifolia

Beechdrops
Epifagus virginiana

Indigo
Indigofera caroliniana

Crab-apple
Malus augustifolia

Water Elm
Planera aquatica

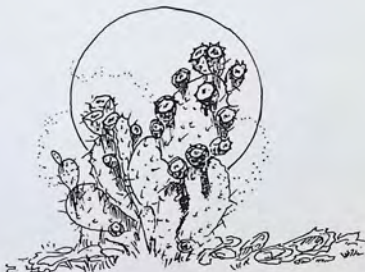
Soapwort
Saponaria officinalis

Marigold
Tagetes minuta

Cranefly Orchid
Tipularia discolor

Coral Mushroom
Clavulina cinerea

Turkeytail Mushroom
Polyporus versicolor



FAUNA

Red-tailed Hawk
Buteo jamaicensis

Bluejay
Cyanocitta cristata

Turkey
Meleagris gallopavo

Bobwhite
Colinus virginianus

Whitetail Deer
Odocoileus virginianus

Opossum
Didelphis marsupialis

Red-bellied Water Snake
Nerodia (Natrix) e. erythrogaster

Black Racer
Coluber Constrictor

Green Anole
Anolis c. carolinensis

Fence Lizard
Sceloporus undulatus hyacinthinus

Marbled Salamander
Ambystoma opacum

Buckeye Butterfly
Junonia c. coenia

Little Sulfur
Eurema lisa

Checkered Skipper
Pyrus c. communis

European Cabbage Butterfly
Pieris rapae

Monarch Butterfly
Danaus p. plexippus

Moth
Tolyte velleda

Tent Caterpillar
Malacosoma americana

Spotted Cucumber Beetle
Diabrotica undecipunctata howardi

Bowl & Doily Spider
Frontinella pyramitella

Chimney Crayfish
Cambarus diogenes

White-lipped Forest Snail
Triodopsis albolabris



SANTEE NATIONAL WILDLIFE REFUGE

1 December 1979

The trip to Santee National Wildlife Refuge attracted 60 people on a chilly day. We want to thank Gene Singleton of the refuge staff for his help and guidance. Quite a variety of birds were seen (60 species), along with other interesting flora and fauna. The roads had been recently "paved" with debris from a limestone quarry, so we found fossils galore – sea urchins, sand dollars, and miscellaneous mollusks. It's hard to believe that was the final fieldtrip for 1979.

Rudy E. Mancke, SCAN President

Location : Clarendon County

FLORA

Groundsel
Baccharis halimifolia

Bladderpod
Glomidium vesicarium

Buttonbush
Cephalanthus occidentalis

Am. Lotus
Nelumbo lutea

Sicklepod
Cassia fasciculata

Sicklepod
Cassia obtusifolia

Peppervine
Ampelopsis arborea

Water-spider Orchid
Habenaria repens

S. Wild Rice
Zizaniopsis miliacea

Spurrey
Spergula arvensis

Jimson-weed
Datura stramonium

Swamp Mallow
Hibiscus moscheutos

Pennywort
Hydrocotyle umbellata

Hen's Bit
Lamium amplexicaule

Water Elm
Planera aquatica

Bald Cypress
Taxodium distichum

Netted Chain Fern
Woodwardia areolata

Water Tupelo
Nyssa aquatica

FAUNA

Little Sulfur
Eurema lisa

Clouded Sulfur
Colias philodice

Buckeye
Junonia c. coenia

SCAN: THE FIRST TEN YEARS

FAUNA (Cont'd)

Am. Painted Lady <i>Vanessa virginiensis</i>	Ground Beetle <i>Galeritula bicolor</i>	Turkey Vulture <i>Cathartes aura</i>
Monarch <i>Danaus p. plexippus</i>	Pied-billed Grebe <i>Podilymbus podiceps</i>	Red-tailed Hawk <i>Buteo jamaicensis</i>
Cypress Gail Fly <i>Thecodiplosis ananasi</i>	Double-crested Cormorant <i>Phalacrocorax auritus</i>	Red-shouldered Hawk <i>Buteo lineatus</i>
Cypress Gail Wasp <i>Itomida anthici</i>	Anhinga <i>Anhinga anhinga</i>	Marsh Hawk <i>Circus cyaneus</i>
Blackberry Gail Wasp <i>Diastrophus nebulosus</i>	Great Blue Heron <i>Ardea herodias</i>	Am. Kestrel <i>Falco sparverius</i>
Walking-stick Mantis <i>Brunneria borealis</i>	Great Egret <i>Casmerodius albus</i>	Am. Coot <i>Fulica americana</i>
Golden Garden Spider <i>Argiope aurantia</i>	Canada Goose <i>Branta canadensis</i>	Killdeer <i>Charadrius vociferus</i>
Orchard Spider <i>Leucauge venusta</i>	Snow Goose <i>Chen caerulescens</i>	Common Snipe <i>Capella gallinago</i>
Mantidfly <i>Mantispa sp. (sayr?)</i>	White-fronted Goose <i>Anser albifrons</i>	Herring Gull <i>Larus argentatus</i>
Flannel Moth <i>Megalopyge opercularis</i>	Mallard <i>Anas platyrhynchos</i>	Ring-billed Gull <i>Larus delawarensis</i>
Polyphemus Moth <i>Antheraea polyphemus</i>	Black Duck <i>Anas rubripes</i>	Bonaparte's Gull <i>Larus philadelphia</i>
Isabella Moth <i>Isia isabella</i>	Pintail <i>Anas acuta</i>	Mourning Dove <i>Zenaida macroura</i>
Raccoon <i>Procyon lotor solutus</i>	Blue-winged Teal <i>Anas discors</i>	Belted Kingfisher <i>Megasceryle alcyon</i>
Bobcat <i>Lynx rufus floridanus</i>	Am. Wigeon <i>Anas americana</i>	Flicker <i>Colaptes auratus</i>
E. Gray Squirrel <i>Sciurus c. carolinensis</i>	Wood Duck <i>Aix sponsa</i>	Pileated Woodpecker <i>Dryocopus pileatus</i>
E. Garter Snake <i>Thamnophis s. sirtalis</i>	Ring-necked Duck <i>Aythya collaris</i>	Yellow-bellied Sapsucker <i>Sphyrapicus varius</i>
Lady Beetle <i>Hippodamia convergens</i>	Hooded Merganser <i>Lophodytes cucullatus</i>	Hairy Woodpecker <i>Picoides villosus</i>

FAUNA (Cont'd)

Downy Woodpecker
Picoides pubescens

E. Phoebe
Sayornis phoebe

Golden-crowned Kinglet
Regulus satrapa

Ruby-crowned Kinglet
Regulus calendula

Water Pipit
Anthus spinoletta

Loggerhead Shrike
Lanius ludovicianus

Blue Jay
Cyanocitta cristata

Common Crow
Corvus brachyrhynchos

Carolina Chickadee
Parus carolinensis

Tufted Titmouse
Parus bicolor

House Wren
Troglodytes aedon

Carolina Wren
Thryothorus ludovicianus

Mockingbird
Mimus polyglottos

Robin
Turdus migratorius

Starling
Sturnus vulgaris

Yellow-rumped Warbler
Dendroica coronata

Yellowthroat
Geothlypis trichas

E. Meadowlark
Sturnella magna

Redwinged Blackbird
Agelaius phoeniceus

Common Grackle
Quiscalus quiscula

Cardinal
Cardinalis cardinalis

Am. Goldfinch
Carduelis tristis

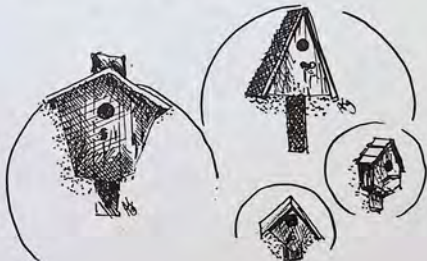
Savannah Sparrow
Passerculus sandwichensis

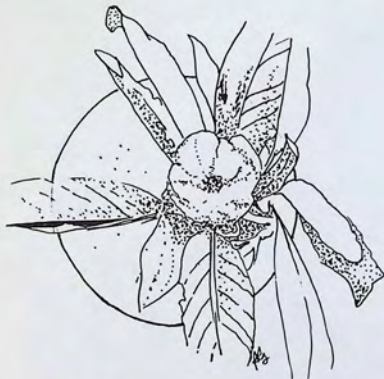
Dark-eyed Junco
Junco hyemalis

Chipping Sparrow
Spizella passerina

White-throated Sparrow
Zonotrichia albicollis

Song Sparrow
Melospiza melodia





1980 FIELD TRIP LIST

DATE	SITE VISITED	COUNTY	PAGE
19 Jan 80	Annual Meeting	Richland	II-111
16 Feb 80	Huntington Beach SP	George- town	II-113
22 Mar 80	Santee Sinkholes	Orangeburg	II-116
26-27 Apr 80	Stumphouse Tunnel/ Burrell's Ford	Oconee	II-118
24 May 80	Congaree Swamp NM	Richland	II-121
21 Jun 80	Wood's Bay SP	Sumter	II-124
19 Jul 80	King's Mountain SP	York	II-126
16 Aug 80	Fort Johnson	Charleston	II-129
20 Sep 80	Peach Tree Rock	Lexington	II-131
18 Oct 80	Raven Cliff Falls	Greenville	II-133
Nov 80	No meeting		
6 Dec 80	Burches Ferry	Florence	II-135

ANNUAL MEETING

January 1980

We began our fifth year together with a very successful "indoor" meeting. Fifty-nine people were in attendance. First on the agenda were general reports. SCAN has a membership now of 166 people. A membership list was distributed to those present. If you would like a copy, drop me a card and a list will come with your next newsletter. We now have \$488.80 in the bank. Everyone was reminded that 1980 dues of \$10.00 are due during the month of January. The dues cover the cost of the newsletter. Using slides, we reviewed last year's field trips and reminisced about experiences we've all shared. We thank Betty Gilbert and Bill Weekes for the use of their slides. It's always nice to look back on good times. I also want to thank Peggy Poovey for her help in organizing this meeting. I couldn't have done it without her. It was noted that Rep. Lois Eargle of Horry County has introduced a bill (H2953) to protect the Venus' fly-trap in South Carolina.

The afternoon dealt with new business. Charles Lewis presented his committee's report concerning the proposed constitution and bylaws. After some discussion and clarification, the constitution and bylaws were accepted. We are now well on our way to becoming incorporated. Next, Nomination of Officers were taken from the floor. The membership voted to elect the following people as officers for the 1980 year:

President:	Rudy Mancke
Vice President:	Charles Lewis
Secretary:	Evelyn Dabbs
Treasurer:	David Phillips
Parliamentarian:	Ralph Phillips

These officers were asked to appoint four regional directors to aid in the implementation of our field trip program. Our final item of new business dealt with upcoming field trips. The group came up with the following calendar of events for 1980.

SCAN: THE FIRST TEN YEARS

26 Jan	PRT Bird Counts
2 Feb	PRT Bird Counts
16 Feb	SCAN Huntington Beach State Park
14, 15 Mar	Env. Education Association Workshop, Hickory Knob State Park
22 Mar	SCAN Santee State Park (Caves)
27, 28, 29 Mar	SC Acad. of Science and SC (College of Charleston)
28, 29, 30 Mar	PRT Lowcountry Lifestyles (Huntington Beach State Park)
12, 13 Apr	PRT Lowlands Wildflower Weekend
19, 20 Apr	PRT Highlands Wildflower Weekend
26, 27 Apr	SCAN Carolina Mountains
24 May	SCAN Congaree
21 Jun	SCAN Woods Bay State Park
19 Jul	SCAN King's Mountain
16, 17 Aug	SCAN Fort Johnson (tentative)
20 Sep	SCAN Peachtree Rock
18 Oct	SCAN Raven Cliff Falls
6 Dec	SCAN Pee Dee River

For more information on the PRT trips, call 758-3622, or write Naturalist, Division of State Parks, 1205 Pendleton Street, Columbia 29201.

I encourage you to take part in as many of these experiences as possible. The more people involved, the better. I continue to be impressed with the close ties that hold this group together. It is a special pleasure for me to be a part of SCAN. I hope you feel the same way.

Our next field trip will be on 16 February 1980. We will be at Huntington Beach State Park in Georgetown County (see map). We will meet at 10:30 a.m. Bring along a lunch, as usual. Last year we were excited by the variety of habitats to be explored there. I hope to see you on the 16th.

Sincerely,

RudY E. Mancke, SCAN President

HUNTINGTON BEACH STATE PARK

16 February 1980

The Huntington Beach trip attracted thirty-five people on a cool, overcast day. We took a look at the beach first and then explored behind the dunes and along an adjacent lagoon. Four dead loons (two common and two red-throated) were found on the beach, along with one that we were able to revive. We released the survivor as we left and did autopsies on two of the dead birds. Both had died of respiratory problems. They each had stored fat beneath the skin and elsewhere. We found a large fish in the stomach of one bird and pieces of lady crab carapace in the other. The variety of experiences we had is reflected in the species list that follows.

I heard some spring peepers calling on the way home from Huntington Beach, so spring can't be too far behind.

Rudy E. Mancke, SCAN President

Location: Georgetown County

FLORA

Hollow Green Weed
Enteromorpha intestinalis

Sea Lettuce
Ulva lactuca

Brown Algae
Dictyota dichotoma

Graceful Red Weed
Gracilaria foliifera

Gulfwood
Sargassum fluitans

Waxmyrtle
Myrica cerifera

Yaupon
Ilex vomitoria

Stalked puffball
Tulostoma sp.

Coconut
Cocos nucifera

Cord Grass
Spartina patens

Lichen
Cladonia leporina

Lichen
Cladonia subtenulis

FAUNA

Whip Coral
Leptogorgia virgulata

Stony Coral
Oculina sp.

Parchment Worm
Chaetopterus variopedatus

Mole Crab
Amerita talpoida

Spider Crab
Libinia sp.

Lady Crab
Ovalipes ocellatus

SCAN: THE FIRST TEN YEARS

FAUNA (Cont'd)

Black Willow <i>Latrodictus mactans</i>	Gannet <i>Morus bassanus</i>	Common Loon <i>Gavia immer</i>
Elongate Cannibal Snail <i>Euglandina rosea</i>	Common Gallinule <i>Gallinula chloropus</i>	Red-throated Loon <i>Gavia stellata</i>
Field Amber Snail <i>Succinea campestris</i>	Great Blue Heron <i>Ardea herodias</i>	Boat-tailed Grackle <i>Quiscalus major</i>
Ponderous Ark <i>Noetia ponderosa</i>	Little Blue Heron <i>Egretta caerulea</i>	Brown Thrasher <i>Toxostoma rufum</i>
Channeled Duck Clam <i>Labiosa (Anatina) plicatella</i>	Great Egret <i>Casmerodius albus</i>	Red-wing Blackbird <i>Agelaius phoeniceus</i>
Lined Duck Clam <i>Labiosa (Anatina) lineata</i>	Brown Pelican <i>Pelecanus occidentalis</i>	Mockingbird <i>Mimus polyglottos</i>
Jack-knife Clam <i>Tagelus plebeius</i>	White Ibis <i>Eudocimus albus</i>	Cardinal <i>Cardinalis cardinalis</i>
Common Razor Clam <i>Ensis directus</i>	Black-bellied Plover <i>Pluvialis squatarola</i>	American Kestrel <i>Falco sparverius</i>
Atlantic Jingle Shell <i>Anomia simplex</i>	Killdeer <i>Charadrius vociferus</i>	Sharp-shinned Hawk <i>Accipiter striatus</i>
Giant Cockle <i>Dinocardium robustum</i>	Short-billed Dowitcher <i>Limnodromus griseus</i>	Red-breasted Merganser <i>Mergus serrator</i>
Scotch Bonnet <i>Phalium granulatum</i>	Greater Yellowlegs <i>Tringa melanoleuca</i>	Coot <i>Fulica americana</i>
Atlantic Moon Snail <i>Polinices duplicatus</i>	Yellow-rumped Warbler <i>Dendroica coronata</i>	Clapper Rail <i>Rallus longirostris</i>
Surf Clam <i>Spisula solidissima</i>	Bufflehead <i>Bucephala albeola</i>	Song Sparrow <i>Melospiza melodia</i>
Atlantic Slipper Shell <i>Crepidula fornicata</i>	Greenwing Teal <i>Anas crecca</i>	Savannah Sparrow <i>Passerculus sandwichensis</i>
Atlantic Baby's Ear <i>Sinum perspectivum</i>	Ringneck Duck <i>Aythya collaris</i>	Ring-billed Gull <i>Larus delawarensis</i>
False Angelwing <i>Petricola pholadiformis</i>	Canvasback <i>Antha valisineria</i>	Herring Gull <i>Larus argentatus</i>
Marsh Rabbit <i>Sylvilagus palustris</i>	Whistling Swan <i>Olor columbianus</i>	Great Black-backed Gull <i>Larus marinus</i>

FAUNA (Cont'd)

Bonaparte's Gull
Larus philadelphia

Forster's Tern
Sterna forsteri

Ruddy Turnstone
Arenaria interpres

Sanderling
Calidris alba

Willet
Catoptrophorus semipalmatus

Rufous-sided Towhee
Pipilo erythrophthalmus

Golden-crowned Kinglet
Regulus satrapa

Ruby-crowned Kinglet
Regulus calendula

Dark-eyed Junco
Junco hyemalis

Ground Dove
Columbina passerina

Yellow-bellied Sapsucker
Sphyrapicus varius



SANTEE SINKHOLES

22 March 1980

Forty people took part in the last trip on a perfect day. The weather couldn't have been better. We walked a road to the sinkhole area. An almost complete skeleton of a small horse (Shetland Pony?) was found along the way. We plected it together later on. A number of early flowers were out. Their faces rising above the brown oak leaves were certain signs of spring. We moved to an old pond in the afternoon and found a number of snakes and turtles basking in the sun. Freshwater mussels were abundant in the stream below the pond. We found small catfish (madtoms) in opened mussel shells here and there. This trip was another special one. I look forward to many more.

Rudy E. Mancke, SCAN President

Location: Orangeburg County

FLORA

Shadbush <i>Amelanchier arborea</i>	Green and Gold <i>Chrysogonum virginianum</i> var. <i>australe</i>	Bloodroot <i>Sanguinaria canadensis</i>
Poor Robin's <i>Plantain Erigeron pulchellus</i>	Five-Finger <i>Potentilla canadensis</i>	Hepatica <i>Hepatica americana</i>
Wild Plum <i>Prunus angustifolia</i>	Partridge Berry <i>Mitchella repens</i>	Fly Poison <i>Amblyanthus muscaetoxicum</i>
Dwarf Red Buckeye <i>Aesculus pavia</i>	Wild Yam <i>Dioscorea villosa</i>	Windflower <i>Thalictrum thalictroides</i>
Spotted Wintergreen <i>Chimaphila maculata</i>	New Jersey Tea <i>Ceanothus americanus</i>	Devil's Bit <i>Chamaelirium luteum</i>
Downy Rattlesnake Plantain <i>Goodyera pubescens</i>	Heartleaf <i>Hexastylis arifolia</i>	
Cranefly Orchis <i>Tipularia discolor</i>	Squawroot <i>Conopholis americana</i>	

FAUNA

Bowl and Dolly Spider
Frontinella pyramitella

Orchard Spider
Leucauge venusta

S. Green Stinkbug
Nezara viridula

Gall Wasp
Andricus petiolicola

Twig Girdler Beetle
Oncideres cingulata

Water Strider
Gerris sp.

Sleepy Orange
Eurema nicippe

Dragonfly
Tetragoneuria cynosura

Flattened Filter Clam
Elliptio complanatus

Chain River Water Snail
Goniobasis catenaria

Tadpole Madtom
Noturus gyrinus

Slimy Salamander
Plethodon g. glutinosus

Three-lined Salamander
Eurycea longicauda guttolineata

Green Anole
Anolis carolinensis

Brown Water Snake
Nerodia (Natrix) taxispilota

Red-bellied Water Snake
Nerodia (Natrix) e. erythrogaster

E. Mud Turtle
Kinostemon s. subrubrum

Stinkpot
Sternotherus odoratus

Yellow-bellied Turtle
Chrysemys s. scripta

Turkey Vulture
Cathartes aura

Red-tailed Hawk
Buteo jamaicensis

Rough-winged Swallow
Stelgidopteryx ruficollis

Pied-billed Grebe
Podilymbus podiceps

Great Egret
Casmerodius albus

Green Heron
Butorides striatus

American Wigeon
Anas americana

American Kestrel
Falco sparverius

Ring-billed Gull
Larus delawarensis

Belted Kingfisher
Megasceryle alcyon

Carolina Chickadee
Parus carolinensis

Golden-crowned Kinglet
Regulus satrapa

Yellow-bellied Sapsucker
Sphyrapicus varius

Pileated Woodpecker
Dryocopus pileatus

Red-bellied Woodpecker
Centurus carolinus

Blue-gray Gnatcatcher
Polioptila caerulea

Yellow-throated Warbler
Dendroica dominica

Pine Warbler
Dendroica pinus

Yellow-rumped Warbler
Dendroica coronata

N. Parula Warbler
Parula americana

White-throated Sparrow
Zonotrichia albicollis

Song Sparrow
Melospiza melodia

Common Gallinule
Gallinula chloropus

DEAD ON THE ROAD

Barred Owl (Richland Co.)
Strix varia

Pine Warbler (Orangeburg Co.)
Dendroica pinus

STUMPHOUSE TUNNEL/BURRELL'S FORD

26, 27 April 1980

Our overnight trip to Oconee County was spectacular. It's hard to find the right words to describe it. Fifty people were there, and we thank Roy Frierson and Charles Lewis for making the arrangements. The food was excellent, the fellowship was great, and the plants and animals noted were more than we had expected. It's always nice to begin the spring with a refreshing trip to the mountains.

Rudy E. Mancke, SCAN President

Location: Oconee County

FLORA

Rock Cap Fern
Polypodium virginianum

Maidenhair Fern
Adiantum pedatum

Rattlesnake Fern
Botrychium virginianum

Broad Beech Fern
Thelypteris hexagonoptera

New York Fern
Thelypteris noveboracensis

Ground Pine
Lycopodium flabelliforme

Shining Clubmoss
Lycopodium lucidulum

White Pine
Pinus strobus

Hemlock
Tsuga caroliniana

Jack-in-the Pulpit
Arisaema triphyllum

Speckled Wood Lily
Clintonia umbellulata

Yellow Star-grass
Hypoxis hirsuta

Dwarf Iris
Iris cristata

Dwarf Iris
Iris verna

Indian Cucumber Root
Medeola virginiana

Mellic Grass
Melica mutica

Solomen's Seal
Polygonatum biflorum

False Solomen's Seals
Smilacina racemosa

Catesby's Trillium
Trillium catesbaei

Trillium
Trillium cuneatum

Wake-robin
Trillium erectum

Bellwort
Uvularia perfoliata

Showy Orchid
Orchis spectabilis

Cranefly Orchid
Tipularia discolor

Downy Rattlesnake Plantain
Goodyera pubescens

Putty Root Orchid
Aplectrum hyemale

Pink Ladies' Slipper
Cypripedium acaule

STUMPHOUSE TUNNEL/BURRELL'S FORD 1980

FLORA (Cont'd)

Silverbell <i>Halesia carolina</i>	Foam Flower <i>Tiarella cordifolia</i>	Windflower <i>Thalictrum thalictroides</i>
Sweet Birch <i>Betula lenta</i>	Rattlesnake Weed <i>Hieracium venosum</i>	Halberd-leaved Violet <i>Viola hastata</i>
Sweetshrub <i>Calycanthus floridus</i>	Giant Chickweed <i>Stellaria pubera</i>	Birdfoot Violet <i>Viola pedata</i>
Doghobble <i>Leucothoe axillaris</i>	Wood Anemone <i>Anemone quinquefolia</i>	Violet <i>Viola primulifolia</i>
Chokeberry <i>Sorbus arbutifolia</i>	Trailing Arbutus <i>Epigaea repens</i>	Violet <i>Viola rostrata</i>
Silky Willow <i>Salix sericea</i>	Poor Robin's Plantain <i>Erigeron pulchellus</i>	Lichen <i>Pseudocyphellaria crocata</i>
Horse Sugar <i>Symplocos tinctoria</i>	Bluets <i>Houstonia caerulea</i>	Lichen <i>Platismatia tuckermanii</i>
Hepatica <i>Hepatica acutiloba</i>	Fraser Magnolia <i>Magnolia fraseri</i>	Lichen <i>Parmelia caperata</i>
Oconee Bells <i>Shortia galacifolia</i>	Mayapple <i>Podophyllum peltatum</i>	Lichen <i>Usnea strigosa</i>
Purple Stoneroot <i>Collinsonia verticillata</i>	Lyre-leaved Sage <i>Salvia lyrata</i>	Lichen <i>Romalina fastigiata</i>

FAUNA

E. Gray Squirrel <i>Sciurus c. carolinensis</i>	Common Crow <i>Corvus brachyrhynchos</i>	Black-throated Blue Warbler <i>Dendroica caerulescens</i>
Red Bat <i>Lasiurus b. borealis</i>	White-breasted Nuthatch <i>Sitta carolinensis</i>	Wood Thrush <i>Hylocichla ustulata</i>
Flicker <i>Colaptes auratus</i>	Ruby-throated Hummingbird <i>Archilochus colubris</i>	Brown Thrasher <i>Toxostoma rufum</i>
Downy Woodpecker <i>Picoides pubescens</i>	Brown-headed Cowbird <i>Molothrus ater</i>	Scarlet Tanager <i>Piranga olivacea</i>
Belted Kingfisher <i>Megasceryle alcyon</i>	Tufted Titmouse <i>Parus bicolor</i>	Indigo Bunting <i>Passerina cyanea</i>

FAUNA (Cont'd)

Red-eyed Vireo
Vireo olivaceus

Five-lined Skink
Eumeces fasciatus

Brown-headed Skink
Eumeces laticeps

S. Ringneck Snake
Diadophis p. punctatus

E. Worm Snake
Carphophis a. amoenus

N. Water Snake
Nerodia s. sipedon

Stinkpot
Stemotherus odoratus

American Toad
Bufo a. americanus

Fowler's Toad
Bufo woodhousei fowleri

N. Spring Peeper
Hyla c. crucifer

Slimy Salamander
Plethodon g. glutinosus

Woodland Salamander
Plethodon jordani

Black-bellied Salamander
Desmognathus quadrimaculatus

Mountain Dusky Salamander
Desmognathus ochrophaeus

Seal Salamander
Desmognathus m. monticola

Three-lined Salamander
Eurycea longicauda guttolineata

Giant Forest Snail
Mesodon normalis

Disc Cannibal Snail
Haplotrema concavum

Common Great Zonite
Mesophis vulgaris

Crab Spider
Xysticus transversatus

Orchard Spider
Leucauge venusta

Filmy-dome Spider
Neriene radiata

Leaf Beetle
Lina interrupta

Hister Beetle
Hololepta fossularis

Wooly Aphid
Prociphilus tessellata

Boreal Camel Cricket
Ceuthophilus brevipes

Tiger Swallowtail
Papilio glaucus

Spicebush Swallowtail
Papilio troilus

Pipevine Swallowtail
Battus philenor

Carolina Satyr
Euptychia hermes sosybia

E. Tailed Blue
Evers c. comyntas

Harvester
Feniseca t. tarquinius

American Painted Lady
Vanessa virginianensis

Falcate Orange-tip Butterfly
Anthocaris midea annickae

Silver-spotted Skipper
Epargyreus c. clarus

Luna Moth
Tropaea luna



CONGAREE SWAMP NATIONAL MONUMENT

24 May 1980

The Congaree trip was a special experience. Fifty people took part. The weather was perfect, and the day began with overcast skies which soon cleared. We found the floodplain living up to its name. After parking on high ground, we walked along the road to Cedar Creek Hunt Club and back. There were many exciting things along the way. Big trees were here and there, and a loblolly pine measured about 15 feet in circumference. Butterflies and dragonflies abounded.

Rudy E. Mancke, SCAN President

Location: Richland County

FLORA

Arrow Arum
Peltandra virginica

Green Dragon
Arisaema dracontium

Jack-in-the-pulpit
Arisaema triphyllum

Water willow
Justicia ovata

Water Pimpernel
Samolus parviflorus

Common Indigobush
Amorpha fruticosa

Lizards tail
Saururus cernuus

Indian Pink
Spigelia marilandica

Trachelospermum
Trachelospermum difforme

Carrion Flower
Smilax tamnifolia

Climbing Hydrangea
Decumaria barbara

Partridge Berry
Mitchella repens

Winterberry
Ilex verticillata

Virginia Willow
Ita virginica

Loblolly Pine
Pinus taeda

Swamp Chestnut Oak
Quercus michauxii

Laurel Oak
Quercus laurifolia

Overcup Oak
Quercus lyrata

Green Ash
Fraxinus pennsylvanica var.
subintegerrima

Water Tupelo
Nyssa aquatica

Pawpaw
Asimina triloba

Sweetgum
Liquidambar styraciflua

Swamp Cottonwood
Populus heterophylla

Winged Elm
Ulmus alata

SCAN: THE FIRST TEN YEARS

FAUNA

Terrestrial Leech
Haemopsis septagon

Common White-lipped Forest Snail
Mesodon thyroideus

Red-spotted Purple
Limenitis a. astyanax

Viceroy
Limenitis a. archippus

Questionmark
Polytonia interrogationis

Am. Painted Lady
Vanessa virginensis

Mourning Cloak
Nymphalis a. antiopa

Hackberry Butterfly
Asterocampa c. celtis

E. Tailed Blue
Evers c. comyntas

Snout Butterfly
Libytheana b. bachmanii

Spicebush Swallowtail
Papilio troilus

Zebra Swallowtail
Graphium marcellus

Carolina Satyr
Euptychia hermes sosybia

Least Skipper
Ancyloxypha numitor

Silver-spotted Skipper
Epagyreus c. cianus

Tussock Moth
Hemerocampa leucostigma

Dragonfly
Libellula vibrans

White-tail Dragonfly
Libellula (Platthemis) lydia

Clubtail Dragonfly
Gomphus exilis

Darner Dragonfly
Epiaschna heros

Greenjacket
Lepthemis simplicicollis

Blackwing Damselfly
Calopteryx maculatus

Water Scorpion
Ranatra fusca

Phantom Crane fly
Bittacomorpha clavipes

Wool-sower Gail
Callirhytis seminator

Broad-headed Skink
Eumeces laticeps

Five-lined Skink
Eumeces fasciatus

E. Snapping Turtle
Chelydra s. serpentina

N. Black Racer
Coluber c. constrictor

E. Cottonmouth
Agkistrodon p. piscivorus

Rough Green Snake
Ophiodrys aestivus

Banded Water Snake
Nerodia (Natrix) f. fasciata

N. Spring Peeper
Hyla c. crucifer

Three-lined Salamander
Eurycea longicauda guttolineata

Gray Treefrog
Hyla chrysoscelis (versicolor)

Southern Dusky Salamander
Desmognathus auriculatus

Yellow-crowned Night Heron
Nycticorax violaceus

Mississippi Kite
Actinia mississippiensis

Indigo Bunting
Passerina cyanea

Summer Tanager
Piranga rubra

N. Parula Warbler
Parula americana

Prothonotary Warbler
Protonotaria citrea

Kentucky Warbler
Oporornis formosus

Hooded Warbler
Wilsonia citrina

Yellow-throated Warbler
Dendroica dominica

Pine Warbler
Dendroica pinus

Red-bellied Woodpecker
Centurus carolinus

Barred Owl
Strix varia

Chimney Swift
Cheeturia pelagica

Acadian Flycatcher
Empidonax virens

Blue-gray Gnatcatcher
Polioptila caerulea
Louisiana Waterthrush
Selurus motacilla

CONGAREE SWAMP NATIONAL MONUMENT 1980

DEAD ON THE ROAD

E. Box Turtle
Terrapene c. carolina

E. Mud Turtle
Kinostemon s. subrubrum



WOODS BAY STATE PARK

21 June 1980

We had a fine experience at Wood's Bay State Park. Fifty people attended. We sampled life in a carolina bay (thanks to Tricia Shealy), explored an old millpond, and walked through sandy woods bordering the bay. Everyone was pleased by the great variety of living things we saw. We also enjoyed fresh blueberries and huckleberries. We were pleased to have Mr. Sean Cromier from Dublin, Ireland, on the trip with us. He invited us to visit with him when we're in Dublin.

Rudy E. Mancke, SCAN President

Location: Sumter County

FLORA

Pickeral Weed
Pontederia cordata

Water Lily
Nymphaea odorata

Lizard's Tail
Saururus cernuus

Beautyberry
Callicarpa americana

Sassafras
Sassafras albidum

Red Bay
Persea borbonia

Water Loosestrife
Decodon verticillatus

Climbing Hydrangea
Decumaria barbara

Wireplant
Stipulicida setacea

Bonamia
Bonamia patens

Cinnamon Fern
Osmunda cinnamomea

Resurrection Fern
Polypodium polypodioides

Royal Fern
Osmunda regalis

Spurge Nettle
Cnidoscolus stimulosus

Sourwood
Oxydendrum arboreum

Witch Hazel
Hamamelis virginiana

Zenobia
Zenobia pulverulenta

Devil's Walking Stick
Aralia spinosa

Fetterbush
Lyonia mariana

Blueberry
Vaccinium corymbosum

Pond Cypress
Taxodium ascendens

Bald Cypress
Taxodium distichum

Virginia Willow
Itaia virginica

Pepperbush
Clethra alnifolia

Lichen
Cladonia leporina

Old Man of the Woods
Strombilomyces floccopus

FAUNA

Greenjacket <i>Lepthemis simplicicollis</i>	Red Bay Gall <i>Trioza magnoliae</i>	Broad-headed Skink <i>Eumeces laticeps</i>
Dragon Fly <i>Pachydiplax longipennis</i>	Filmy-dome Spider <i>Neriene radiata</i>	Six-lined Racerunner <i>Cnemidophorus s. sexlineatus</i>
Dragon Fly <i>Libellula flavida</i>	Spiny-bodied Spider <i>Micrathena gracilis</i>	N. Fence Lizard <i>Sceloporus u. hyacinthinus</i>
Blackwing Damselfly <i>Calopteryx maculata</i>	Nordman's Orb Weaver <i>Araneus nordmanni</i>	Green Anole <i>Anolis c. carolinensis</i>
Great Leopard Moth <i>Epantheria scribonia</i>	E. Mudminnow <i>Umbra pygmaea</i>	Banded Water Snake <i>Nerodia (Natrix) f. fasciata</i>
Scarlet-winged Lichen Moth <i>Hypoprepis miniata</i>	Flier <i>Centrarchus macropterus</i>	Hooded Warbler <i>Wilsonia citrina</i>
Flannel Moth <i>Megalopyge opercularis</i>	Greater Siren <i>Siren lacertina</i>	N. Parula Warbler <i>Parula americana</i>
Luna Moth <i>Tropaea luna</i>	Dwarf Salamander <i>Eurycea quadridigitata</i>	Prothonotary Warbler <i>Prothonotaria citrea</i>
Goldenrod Gall Moth <i>Phthorimaea gallaesolidaginis</i>	S. Toad <i>Bufo terrestris</i>	Ruby-throated Hummingbird <i>Archilochus colubris</i>
Spicebush Swallowtail <i>Papilio troilus</i>	S. Cricket Frog <i>Acris g. gryllus</i>	Orchard Oriole <i>Icterus spurius</i>
Tiger Swallowtail <i>Papilio glaucus</i>	S. Leopard Frog <i>Rana utricularia</i>	Great-crested Flycatcher <i>Myiarchus cinerascens</i>
Pearl Crescent <i>Phyciodes t. tharos</i>	Carpenter Frog <i>Rana virgatipes</i>	Acadian Flycatcher <i>Empidonax virens</i>
Twig Girdler Beetle <i>Oncideres cingulata</i>	Florida Cooter <i>Chrysemys f. floridana</i>	Bobwhite <i>Colinus virginianus</i>
Tiger Beetle <i>Cicindela punctulata</i>	Yellow-bellied Turtle <i>Chrysemys s. scripta</i>	Green Heron <i>Butorides striatus</i>
Goldenrod Gall Fly <i>Eurosta solidaginis</i>	Alligator <i>Alligator mississippiensis</i>	
Carolina Mantid <i>Stagmomantis carolina</i>	Ground Skink <i>Scincella lateralis</i>	

KING'S MOUNTAIN STATE PARK

19 July 1980

The trip to King's Mountain State Park attracted 25 people on a hot day. We stayed in the shade most of the time and found a good variety of plants and animals there. A DOR black rat snake was dissected before we began the walk. Notice the large number of fungi on the list of species that follows.

A few of the members have pointed out that in my last newsletter I forgot to mention the ruby-throated hummingbird nest at Wood's Bay. The sight of the female flying in, hovering, and landing on the nest was special. Please forgive my oversight. I'm getting older! However, I've been back since the high winds of a few weeks ago hit the area, and I am happy to report that the nest and mother are doing fine.

Rudy E. Mancke, SCAN President

Location: York County

FLORA

Shortleaf Pine
Pinus echinata

Slippery Elm
Ulmus rubra

Sourwood
Oxydendrum arboreum

Am. Beech
Fagus grandifolia

Alder
Alnus serrulata

Umbrella Magnolia
Magnolia tripetala

Red Mulberry
Morus rubra

Redbud
Cercis canadensis

Hornbeam (Ironwood)
Carpinus caroliniana

Mountain Laurel
Kalmia latifolia

Fringetree
Chionanthus virginicus

Hazelnut
Corylus americana

New Jersey Tea
Ceanothus americanus

Yellowroot
Xanthorhiza simplicissima

Little Green Wood Orchid
Habenaria clavellata

Downy Rattlesnake Plantain
Goodyera pubescens

Cranefly Orchid
Tipularia discolor

Indian Pipes
Monotropa uniflora

FLORA (Cont'd)

Beechdrops <i>Epifagus virginiana</i>	Cinnamon Fern <i>Osmunda cinnamomea</i>	Dog Stinkhorn <i>Mutinus caninum</i>
Colic Root <i>Aletris farinosa</i>	Rattlesnake Fern <i>Botrychium virginianum</i>	Mushroom <i>Lactarius piperatus</i>
Selfheal <i>Prunella vulgaris</i>	S. Lady Fern <i>Athyrium asplenoides</i>	Mushroom <i>Daedalea quercica</i>
False Foxglove <i>Aureolaria virginica</i>	Ground Pine <i>Lycopodium flabelliforme</i>	Mushroom <i>Polyporus schweinitzii</i>
Bear's Foot <i>Polymnia uvedalia</i>	Meadow Spikemoss <i>Selaginella apoda</i>	Old Man of the Woods <i>Strombilomyces floccopus</i>
Beggar Lice <i>Desmodium nudiflorum</i>	Lichen <i>Cladonia coniocraea</i>	Golden Chanterelle <i>Cantharellus cibarius</i>
New York Fern <i>Thelypteris noveboracensis</i>	Coral Mushroom <i>Clavulina cristata</i>	Red Chanterelle <i>Cantharellus cinnabarinus</i>
Royal Fern <i>Osmunda regalis</i>	Amanita <i>Amanita vaginata</i>	Dead Man's Finger <i>Xylaria polymorpha</i>

FAUNA

Black Rat Snake <i>Elaphe o. obsoleta</i>	Appalachian Seal Salamander <i>Desmognathus m. monticola</i>	Dragonfly <i>Libellula vibrans</i>
N. Water Snake <i>Nerodia (Natrix) s. sipedon</i>	N. Dusky Salamander <i>Desmognathus f. fuscus</i>	Dragonfly <i>Dromogomphus spinosus</i>
Five-lined Skink <i>Eumeces fasciatus</i>	Acadian Flycatcher <i>Empidonax virens</i>	Dragonfly <i>Pachydiplax longipennis</i>
Green Frog <i>Rana clamitans melanota</i>	E. Phoebe <i>Sayornis phoebe</i>	Toper Dragonfly <i>Sympetrum vicinum</i>
Gray Treefrog <i>Hyla chrysoscelis</i>	Tufted Titmouse <i>Parus bicolor</i>	Blackwing Damselfly <i>Calopteryx maculatus</i>
N. Spring Peeper <i>Hyla c. crucifer</i>	Hairy Woodpecker <i>Picoides villosus</i>	Dobsonfly <i>Corydalus cornutus</i>
Slimy Salamander <i>Plethodon g. glutinosus</i>	Widow Dragonfly <i>Libellula luctuosa</i>	Frog hopper <i>Prosapia bicincta</i>

FAUNA (Cont'd)

Tiger Swallowtail
Papilio glaucus

Red-spotted Purple
Limenitis a. astyanax

Azure Blue
Celastrina argiolus pseudargiolus

Least Skipper
Ancyloxypha numitor

Silver-spotted Skipper
Epagyreus c. clarus

Great Leopard Moth
Ecpantheria scribonia

Twig Girdler Beetle
Oncideres cingulata

Longhorned Beetle
Hetoemis cinerea

Japanese Beetle
Popillia japonica

Bald-faced Hornet
Vespula maculata

Millipede
Sigmodon latior ssp.

Golden Garden Spider
Argiope aurantia

Spiny-bodied Spider
Micrathena gracilis



FORT JOHNSON

16 August 1980

The trip offshore was excellent. I'm sorry there wasn't enough room for everyone who expressed an interest in going. If we do this again, we'll limit the trip to those members who did not get to go this time. We want to thank the South Carolina Marine Resources Center for their help. A special thanks goes to Mac Shealy for his efforts. Without him, the trip would have been impossible.

We trawled in Charleston Harbor, behind Sullivan's Island, and out in fairly open ocean. Each time the net came up, it was filled with interesting creatures. We saw examples of organisms that were a part of the plankton (the "floaters"), the nekton (the "swimmers"), and the benthos (the "bottom dwellers"). It's not often that we get a chance to sample the ocean like this. The abundance of life forms there is incredible. I thought this trip was especially timely since this year has been designated as the Year of the Coast.

Rudy E. Mancke, SCAN President

Location: Charleston County

FAUNA

Boring Sponge
Cliona sp.

Sea Whip
Leptogorgia virgulata

Sea Pansy
Renilla reniformis

Star Coral
Astrangia danae

Cannon Jellyfish
Stomolophus meleagris

Simnia
Simnia acicularis

Inshore Squid
Lolliguncula brevis

Brown Shrimp
Penaeus aztecus

White Shrimp
Penaeus setiferus

Grass Shrimp
Palaemonetes sp.

Mantis Shrimp
Squilla empusa

Blue Crab
Callinectes sapidus

Blue Crab
Callinectes similis

Stone Crab
Menippe mercenaria

Decorator Crab
Libinia emarginata

FAUNA (Cont'd)

Carolina Satyr
Euphychia hermes sosybia

Giant Swallowtail
Papilio c. cresphontes

Palamedes Swallowtail
Papilio palamedes

Cloudless Sulphur
Phoebis sennae eubule

Dragonfly
Anax junius

Globetrotter Dragonfly
Pantala flavescens

Sea Grapes
Molgula sp.

Silver Perch
Bairdiella chrysura

Inshore Lizard Fish
Synodus foetens

Atlantic Croaker
Micropogon undulatus

Spot
Leiostomus xanthurus

Weak Fish
Cynoscion regalis

Lookdown Fish
Selene vomer

Tongue Sole
Symphurus plagiusa

Hog Choker
Trinectes maculatus

Bay Anchovy
Anchoa mitchilli

Striped Anchovy
Anchoa hepsetus

Oyster Toadfish
Opsanus tau

Scrawled Filefish
Monacanthus hispidus

Anhinga
Anhinga anhinga

Rough-winged Swallow
Stelgidopteryx ruficollis

Barn Swallow
Hirundo rustica

Chimney Swift
Chaetura pelagica

Brown Pelican
Pelecanus occidentalis

Laughing Gull
Larus atricilla

Royal Tern
Sterna maxima

Caspian Tern
Sterna caspia

Least Tern
Sterna albitrons

Forster's Tern
Sterna forsteri

Black Tern
Chlidonian nigra

Am. Oystercatcher
Haematopus palliatus

Osprey
Pandion haliaetus

Double-crested Cormorant
Phalacrocorax auritus

Boat-tailed Grackle
Quiscalus major

Great Egret
Casmerodius albus

Rock Dove
Columba livia

Atlantic Bottlenosed Dolphin
Tursiops truncatus



PEACH TREE ROCK

20 September 1980

The meeting of the 20th was a wet one. It rained most of the day, but that didn't dampen the spirits of the thirty-five people who attended. Since most of us had seen little rain all summer, it was a refreshing change. We walked to Peachtree Rock first, ate a quick lunch, and explored the surrounding area. All of us were impressed by the great variety of habitats represented in a relatively small area. That variety gave us quite a number of plant and animal species to see. A list of species follows. We also found some fossilized marine shells, clues left behind by an ocean that was once there. It's reassuring to know that this area is protected by the Nature Conservancy.

Rudy E. Mancke, SCAN President

Location: Lexington County

FLORA

Sand Spikemoss
Selaginella arenicola

Resurrection Fern
Polypodium polypodioides

Bracken Fern
Pteridium aquilinum

Blazing Stars
Liatris graminifolia

Dog's Tongue
Eriogonum tomentosum

Pepperbush
Clethra alnifolia

Mountain Laurel
Kalmia latifolia

Maple-leaved Viburnum
Bibum acerifolium

Sweetshrub
Calycanthus floridus

Sand Myrtle
Leiophyllum buxifolium

Swamp Cyrilla
Cyrilla racemiflora

Turkey Oak
Quercus laevis

Bluejack Oak
Quercus incana

Longleaf Pine
Pinus palustris

False Foxglove
Aureolaria pectinata

Sparkleberry
Vaccinium arboreum

Gooseberry
Vaccinium stamineum

Warea
Warea cuneifolia

Fringetree
Chionanthus virginicus

Jointweed
Polygonella polygonella

Mint
Satureja georgiana

St. Andrews Cross
Hypericum hypericoides

Heterotheca
Heterotheca pinitolia

Seymeria
Seymeria cassioides

FLORA (Cont'd)

Carphephorus
Carphephorus bellidifolius

Rosemary
Ceratiola ericoides

Sandwort
Arenaria caroliniana

Bear-Grass
Yucca filamentosa

Spurge Nettle
Cnidoscolus stimulosus

Prickly Pear
Opuntia compressa

Indian Pipes
Monotropa uniflora

Lichen
Cladonia leporina

Lichen
Cladonia evansii

Hymenopappus
Hymenopappus scabiosaeus

FAUNA

Garden Spider
Argiope aurantia

Centipede
Scolopocryptos sexspinosus

Little Sulfur
Eurema lisa

Sleepy Orange
Eurema nicippe

Palamedes
Swallowtail

Luna Moth
Tropaea luna

Walking Stick
Manomera tenuescens

Shield-back Katydid
Atlantius sp.

N. Red Salamander
Pseudotriton r. ruber

S. Toad
Bufo terrestris

Fence Lizard
Sceloporus undulatus

Green Anole
Anolis carolinensis

Ground Skink
Scincella lateralis

Bluejay
Cyanocitta cristata

Cardinal
Cardinalis cardinalis



RAVEN CLIFF FALLS

18 October 1980

The Raven Cliff Falls trip was another wet one. The leaves were beautiful all along the way. We had between 40 and 50 people there. Since the day was overcast, few animals (other than humans) were out. We did meet some salamanders, it was perfect weather for them. A number of fungi also made an appearance. Even with the rain, it was nice to be in the mountains again. We want to thank Otis P. Moore for the chance to explore his beautiful property.

Rudy E. Mancke, SCAN President

Location: Greenville County

FLORA

New York Fern <i>Thelypteris noveboracensis</i>	Buffalo Nut <i>Pyrularia pubera</i>	Gentian <i>Gentiana quinquefolia</i>
Ground Pine <i>Lycopodium obscurum</i>	Am. Chestnut <i>Castanea dentata</i>	Gentian <i>Gentiana decora</i>
Sweet Birch <i>Betula lenta</i>	Huckleberry <i>Gaylussacia ursina</i>	Goldenrod <i>Solidago altissima</i>
Witch Hazel <i>Hamamelis virginiana</i>	Stoneroot <i>Collinsonia canadensis</i>	Goldenrod <i>Solidago curtisii</i>
Fraser Magnolia <i>Magnolia fraseri</i>	Harebell <i>Campanula divaricata</i>	Violet <i>Viola hastata</i>
Black Locust <i>Robinia pseudo-acacia</i>	Devil's Bit <i>Chamaelirium luteum</i>	Galax <i>Galax aphylla</i>
Rock Chestnut Oak <i>Quercus prinus</i>	Downy Rattlesnake <i>Plantain Goodyera pubescens</i>	Carrion Flower <i>Smilax ecirrhata</i>
Mountain Pepperbush <i>Clethra acuminata</i>	Indian Pipes <i>Monotropa uniflora</i>	Self-heal <i>Prunella vulgaris</i>
Maple-leaf Viburnum <i>Viburnum acerifolium</i>	Pinesap <i>Monotropa hypopithys</i>	Indian-tobacco <i>Lobelia inflata</i>

FLORA (Cont'd)

Amanita
Amanita virosa

Puffball
Scleroderma aurantium

Slimy Stalked Puffball
Calostoma cinnabarinum

Earth Star
Geastrum coronatum

FAUNA

N. Dusky Salamander
Desmognathus f. fuscus

Blue Ridge Two-lined Salamander
Eurycea bislineata wilderae

Brown Creeper
Certhia familiaris

Black-bellied Salamander
Desmognathus quadramaculatus

Red-spotted Newt
Notophthalmus v. viridescens

Red Fox (skull)
Vulpes vulpes fulva

Woodland Salamander
Plethodon jordani

Pickereel Frog
Rana palustris

Hickory Tussock Moth
Halisidota caryae



BURCHES FERRY

6 December 1980

The final meeting of 1980 was a rousing success. Sixty people (!) were in attendance. Some of them were members of the Columbia Gem and Mineral Society. We had a productive day at Burches Ferry, looking at things of the present and things of the past. I want to thank the Simons for their help, and J.P. Stevens Company for allowing us to meet in their parking lot. Frank Hill had picked up a dead-on-the-road (DOR) barred owl (*Strix varia*) near the Wateree River on the way down. We dissected the bird and found it was a female with the remains of a cottonrat (*Sigmodon hispidus*), a bird (no ID), and a short-tailed shrew (*Blarina brevicauda*) in its stomach. We discovered the skeleton of a dog (it was a male, we found the baculum), and the skull of a pine vole (*Microtus p. pinetorum*) by a field near the river. Even pottery fragments and pieces of clay trading pipes were discovered. Fossils along the Pee Dee River were numerous.

I want to announce that SCAN is now incorporated. The final paperwork was completed a week or so ago. We are now on record with the state as a viable organization. I'm proud of that.

Rudy E. Mancke, SCAN President

Location: Florence County

FLORA

Supplejack
Berchemia scandens

Beautyberry
Callicarpa americana

Shortleaf Pine
Pinus echinata

Sparkleberry
Vaccinium arboreum

Horse Sugar
Symplocos tinctoria

River Oats
Uniola latifolia

American Holly
Ilex opaca

River Birch
Betula nigra

SCAN: THE FIRST TEN YEARS

FAUNA

June Beetle
Cotinus nitida

Twig-girdler Beetle
Oncideres cingulata

Buckeye (chrysalis)
Junonia c. coenia

Half-winged Cone Head
Katydid
Belocephalus sp.

Carolina Grasshopper
Dissosteira carolina

Black Widow Spider
Latrodectus mactans

Fishing Spider
Dolomedes sp.

Green Anole
Anolis c. carolinensis

Pine Vole
Microtus p. pinetorum

Yellow-bellied Sapsucker
Sphyrapicus varius

Wood Duck
Aix sponsa

EXTINCT FAUNA

Oyster
Exogyra costata

Belemnite
Belemnitella americana

Jingle Shell
Anomia sp.

Marine Snail
Turritella sp.

Shark
Squalicorax sp.

Soft-shell Turtle
Trionyx sp.



1981 FIELD TRIP LIST

DATE	SITE VISITED	COUNTY	PAGE
4 Feb 81	Annual Meeting	Richland	II-139
21 Feb 81	Huntington Beach SP	George- town	II-141
21 Mar 81	Congaree Swamp NM	Richland	II-143
25, 26 Apr 81	Table Rock SP/Wildcat Wayside/JonesGap	Pickens/ Greenville	II-145
23 May 81	Webb Wildlife Center	Hampton	II-148
27 Jun 81	Forty-Acre Rock	Lancaster	II-151
25 Jul 81	Beldler Forest	Dorchester	II-153
22 Aug 81	Trotters Shoals	Abbeville	II-156
19, 20 Sep 81	Edisto Island	Charleston	II-159
24 Oct 81	Giant Portland Cement Quarry	Dorchester	II-163
Nov 81	No Meeting		
5 Dec 81	Carolina Sandhills NWF	Chesterfield	II-165

ANNUAL MEETING

4 February 1981

Our annual indoor meeting was held in January at the Criminal Justice Hall of Fame. We want to thank Jami Bennett, the director, for her interest and support. Fifty-five members were in attendance.

The morning was spent looking back at 1980. It was reported that SCAN had 160 members at the end of the year. A membership list was circulated. If you would like a copy, let me know and I'll send it to you. We had \$1,036.34 in the treasury at the end of 1980. The group was reminded that dues are due now. They are still \$10.00 per year. Using slides provided by Betty Gilbert, Roy Frierson, and David Phillips, we relived last year's field trips. This trip back in time was delightful.

After a Kentucky Fried Chicken lunch, we began dealing with new business. Election of officers was first on the agenda. The membership present elected the following people to serve for 1981:

President:	Rudy Mancke
Vice President:	Oscar LaBorde
Secretary:	Roy Frierson
Treasurer:	Julie Lumpkin
Parliamentarian:	Charles Lewis

Following the elections, we had a lengthy discussion concerning the age limit of members (18 or older in the by-laws), and the advisability of bringing children on our field trips. After airing a variety of opinions, the group asked the newly elected officers to appoint a committee of interested members to deal with the matter. That committee has been formed. I'm sure the committee would like to hear from any member on this matter. If you have comments, please address them to our new parliamentarian, Charles Lewis. In the past, we have not encouraged members to bring children along. This coming year, however, the members decided to allow children on three trips. Those trips are indicated with asterisks in the following list.

SCAN: THE FIRST TEN YEARS

Our final item of business dealt with upcoming field trips. The group came up with the following list for 1981:

21 Feb 81	*SCAN Huntington Beach State Park
13, 14 Mar 81	S.C. Env. Ed. Assoc. (Santee State Park)
21 Mar 81	SCAN Congaree
26 - 28 Mar 81	S.C. Academy of Sciences (USC-Columbia)
4, 5 Apr 81	PRT Lowlands Wildflower Weekend
11, 12 Apr 81	PRT Highlands Wildflower Weekend
25, 26 Apr 81	SCAN Table Rock State Park
23 May	*SCAN Webb Wildlife Center - Hampton County
27 Jun 81	SCAN Forty Acre Rock
25 Jul 81	SCAN Four Holes Swamp
22 Aug 81	SCAN Trotter Shoals
19, 20 Sep 81	SCAN Edisto Island
24 Oct 81	SCAN Quarry
5 Dec 81	*SCAN Carolina Sandhills NWR

I encourage you to participate in as many of these trips as possible. They always seem to make my life more interesting. I'm sure they will do the same for you.

Our first field trip of the new year will be on 21 February 1981. We will meet at Huntington Beach State Park in Georgetown County (see map). As usual, we'll begin at 10:30. Bring along a lunch. Last year it was cold on the beach, so dress warmly.

I look forward to seeing you.

Sincerely,

Rudy E. Mancke, SCAN President

HUNTINGTON BEACH STATE PARK

21 February 1981

The Huntington Beach trip was a fine beginning for our sixth year together. The weather was beautiful. Sixty people were there. As we drove in, a group of thirty whistling swans caught our eye. We explored the beach which had been recently built up with sand from offshore. Lots of lettered olives had been living in the sand. Their fresh shells were found, along with keyhole limpets, crab parts, and more. We were all surprised by a bird that Michael Redmond saw in a small pond behind the dunes. After looking at it for a long time from all angles, we concluded the bird was a spotted redshank (*Tringa erythropus*). This European species is extremely rare in North America and is a state record for South Carolina. Lots of other people have gone down since Saturday to view the bird. You never can tell what SCAN will come up with!

Spring peepers are calling. I've seen mourning cloaks and question-mark butterflies, so spring can't be far behind...can it?

Rudy E. Mancke, SCAN President

Location: Georgetown County

FLORA

Waxmyrtle
Myrica cerifera

Dune Pennywort
Hydrocotyle bonariensis

Lichen
Parmelia perforata

Sea Oats
Uniola paniculata

FAUNA

Parchment Worm
Polyonyx Polyonyx gibbesi

Lady Crab
Ovalipes ocellatus

Short-browed Mud Shrimp
Callinassa atlantica

Purse Crab
Persephona punctata

Blue Crab
Callinectes sapidus

Dolly Varden (Calico) Crab
Hepatus epheliticus

Spider Crab
Libinia sp.

Speckled Crab
Arenaeus cribrarius

Spotted Cucumber Beetle
Diabrotica undecimpunctata howardi

FAUNA (Cont'd)

Beach Flea <i>Orchestia</i> sp.	Angel Wing <i>Cyrtopleura costata</i>	Carolina Diamondback Turtle <i>Malaclemys terrapin centrata</i>
Hard Tube Worm <i>Hydroides dianthus</i>	Disk Dosinia <i>Dosinia discus</i>	Corn Snake <i>Elaphe g. guttata</i>
Trumpet Worm <i>Pectinaria gouldii</i>	Incongruous Ark <i>Anadara brasiliana</i>	E. Coachwhip <i>Masticophis f. flagellum</i>
Parchment Worm <i>Chaetopterus variopedatus</i>	Slipper Shell <i>Crepidula fornicata</i>	Ringneck Duck <i>Aythya collaris</i>
Plumed Worm <i>Diopatra cuprea</i>	Atlantic Wing Oyster <i>Pteria colymbus</i>	Canvasback <i>Aythya valisineria</i>
E. Starfish <i>Asterias forbesii</i>	Sea Pen <i>Atrina</i> sp.	Whistling Swan <i>Olar columbianus</i>
Purple Sea Urchin <i>Arbacia punctulata</i>	Atlantic Cockle <i>Dinocardium robustum</i>	Great Blue Heron <i>Ardea herodias</i>
Sand Dollar <i>Mellita quinquesperforata</i>	Surf Clam <i>Spisula solidissima</i>	Great Egret <i>Casmerodius albus</i>
Star Coral <i>Oculina</i> sp.	Cross-hatched Lucine <i>Divaricella quadrisulcata</i>	Common Loon <i>Gavia immer</i>
Sea Pansy <i>Renilla reniformis</i>	False Angel Wing <i>Petricola pholadiformis</i>	Red-throated Loon <i>Gavia stellata</i>
Lettered Olive <i>Olive sayana</i>	Worm Shell <i>Vermicularia knorri</i>	Brown Pelican <i>Pelecanus occidentalis</i>
Cross-barred Venus Clam <i>Chione cancellata</i>	Thick-lipped oyster Drill <i>Eupleura caudata</i>	Herring Gull <i>Larus argentatus</i>
Cayenne Keyhole Limpit <i>Diodora cayenensis</i>	Salt Marsh Snail <i>Melampus bidentatus</i>	Ring-billed Gull <i>Larus delawarensis</i>
Knobbed Whelk <i>Busycon carica</i>	Field Amber Snail <i>Melampus bidentatus</i>	Boat-tailed Grackle <i>Quiscalus major</i>
Channeled Whelk <i>Busycon canaliculatum</i>	Sea Pork <i>Anaroculum stellatum</i>	Spotted Redshank <i>Tringa erythropus</i>
Lightning Whelk <i>Busycon contrarium</i>	E. Gray Squirrel <i>Sciurus c. carolinensis</i>	
Baby's Ear <i>Sinum perspectivum</i>	E. Cottontail <i>Sylvilagus floridanus mollurus</i>	

CONGAREE SWAMP NATIONAL MONUMENT

21 March 1981

The trip into Congaree Swamp National Monument was very nice. Seventy people were in attendance. We waded in a few places and came across a great variety of interesting organisms. It's always nice to walk through the land of giants.

Rudy E. Mancke, SCAN President

Location: Richland County

FLORA

Loblolly Pine
Pinus taeda

Bald Cypress
Taxodium distichum

Deciduous Holly
Ilex decidua

Am. Holly
Ilex opaca

Spicebush
Lindera benzoin

Pawpaw
Asimina triloba

Swamp Chestnut Oak
Quercus michauxii

Willow Oak
Quercus phellos

Overcup Oak
Quercus lyrata

Cherrybark Oak
Quercus falcata var. *pago-daefolia*

Laurel Oak
Quercus laurifolia

Green Ash
Fraxinus pennsylvanica var. *subintegerrima*

Water Tupelo
Nyssa aquatica

Red Maple
Acer rubrum

Boxelder
Acer negundo

Winged elm
Ulmus alata

Water Hickory
Carya aquatica

Hog Plum
Prunus umbellata

Stinging Nettle
Urtica chaermaedryoides

Butterweed
Senecio glabellus

Buttercup
Ranunculus abortivus

Bittercress
Cardamine bulbosa

Mousetail
Myosurus minimus

Wild Ginger
Asarum canadense

May Apple
Podophyllum peltatum

Switch Cane
Arundinaria gigantea

Supplejack
Berchemia scandens

Trumpet Creeper
Campsis radicans

Cross Vine
Anisotichus capreolata

Mushroom
Amanita vaginata

Turkeytail Mushroom
Polyporus versicolor

FAUNA

Red-shouldered Hawk
Buteo lineatus

Barred Owl
Strix varia

Red-headed Woodpecker
Melanerpes erythrocephalus

Red-bellied Woodpecker
Melanerpes carolinus

Downy Woodpecker
Picoides pubescens

Flicker
Colaptes auratus

Yellow-bellied Sapsucker
Sphyrapicus varius

Brown Creeper
Certhia familiaris

Wood Duck
Aix sponsa

Am. Goldfinch
Carduelis tristis

Am. Robin
Turdus migratorius

Evening Grosbeak
Hesperiphona vespertina

Rufous-sided Towhee
Pipilo erythrophthalmus

Yellow-throated Warbler
Dendroica dominica

Yellow-rumped Warbler
Dendroica coronata

Three-lined Salamander
Eurycea guttolineata

S. Dusky Salamander
Desmognathus auriculatus

E. Box Turtle
Terrapene c. carolina

S. Ringneck Snake
Diadophis p. punctatus

European Carp
Cyprinus carpio

Opossum
Didelphis marsupialis

Silver-haired Bat
Lasionycteris noctivagans

White-tailed Deer
Odocoileus virginianus

Mourning Cloak
Nymphalis a. antiopa

Zebra Swallowtail
Graphium marcellus

Spring Azure
Celastrina argiolus pseudargiolus

Flannel Moth
Megalopyge opercularis

Moth
Psychomorpha epimensis

Polyphemus Moth
Antheraea polyphemus

Green Lacewing
Chrysopa sp.



TABLE ROCK/WILDCAT WAYSIDE/JONES GAP

25-26 April 1981

The overnight trip to the mountains was special. It seems to be that way each year. We had 35 people in attendance, and the weather was beautiful. Wildcat Wayside and Jones Gap occupied our time on Saturday. We found two rare organisms at Wildcat Wayside, *Senecio millefolium* and *Aneides aneus*. The night walk gave us a chance to see Saturn and Jupiter, along with lots of earthly creatures. The walk at Table Rock on Sunday capped off a fine weekend. We all came away refreshed. The species list reflects the great variety of species seen, however, as is true of each trip, reading the list is nothing like the experience of being there.

Rudy E. Mancke, SCAN President

Location: Greenville and Pickens Counties

FLORA

E. Hemlock <i>Tsuga canadensis</i>	Fraser's Magnolia <i>Magnolia fraseri</i>	Persimmon <i>Diospyros virginiana</i>
White Pine <i>Pinus strobus</i>	Cucumber Tree <i>Magnolia acuminata</i>	Silverbell <i>Halesia carolina</i>
Virginia Pine <i>Pinus virginiana</i>	Witchhazel <i>Hamamelis virginiana</i>	Pawpaw <i>Asimina triloba</i>
Shortleaf Pine <i>Pinus echinata</i>	Flowering Dogwood <i>Cornus florida</i>	Fringe Tree <i>Chionanthus virginicus</i>
Am. Beech <i>Fagus grandifolia</i>	Rhododendron <i>Rhododendron minus</i>	Catesby's Trillium <i>Trillium catesbaei</i>
Mountain Laurel <i>Kalmia latifolia</i>	Pinxter Flower <i>Rhododendron nudiflorum</i>	Erect Trillium <i>Trillium erectum</i> var. <i>vasel</i>
Sweet Birch <i>Betula lenta</i>	Am. Chestnut <i>Castanea dentata</i>	Mayapple <i>Podophyllum peltatum</i>
Sweetshrub <i>Calycanthus floridus</i>	Buffalo Nut <i>Pyralia pubera</i>	Jack-in-the-Pulpit <i>Arisaema triphyllum</i>

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Devil's-bit
Chamaelirium luteum

Cross Vine
Anisostichus capreolata

Squawroot
Conopholis americana

Foamflower
Tiarella c. cordifolia

Crane fly Orchid
Tipularia discolor

Pink Ladies Slipper
Cypripedium acaule

Puttyroot
Aplectrum hyemale

Poor Robin's Plantain
Erigeron pulchellus

Beechdrops
Epifagus virginiana

Indian Paintbrush
Castilleja coccinea

Bluestars
Amsonia tabernaemontana

Golden Alexander
Zizia aurea

Lyre-leafed Sage
Salvia lyrata

Solomon's Seal
Polygonatum biflorum

False Solomon's Seal
Smilacina racemosa

Star Grass
Hypoxis hirsuta

Wild Comfrey
Cynoglossum virginianum

Ginseng
Panax quinquefolium

Bird's-Foot Violet
Viola pedata

Halberd-leafed Violet
Viola hastata

Long-spurred Violet
Viola rostrata

Violet
Viola blanda

Sneezeweed
Senecio millefolium

Heartleaf
Hexastylis heterophylla

New York Fern
Thelypteris noveboracensis

Broad-leaf Beech Fern
Thelypteris hexagonoptera

Maidenhair Fern
Adiantum pedatum

Resurrection Fern
Polypodium polypodioides

Rattlesnake Fern
Botrychium virginianum

Oyster Mushroom
Pleurotus ostreatus

Earthtongue
Microglossum rufum

FAUNA

Common Great Zonite (Snail) Pipevine Swallowtail
Mesomphix vulgatus *Battus philenor*

Tiger Swallowtail Red-Spotted Purple
Papilio glaucus *Limenitis a. astyanax*

Spicebush Swallowtail (chrysalis/emerged 6 May 1981)

Papilio troilus

Zebra Swallowtail Sleepy Orange
Graphium marcelius *Eurema nicippe*

Pearl Crescent
Phyciodes t. tharos

E. Tailed Blue
Evers C. cornutus

Red-banded Hairstreak
Calycopis cecrops

White-M Hairstreak
Panthalides m-album

Carolina Satyr
Euptychia hermes sosybia

FAUNA (Cont'd)

Silver-spotted Skipper <i>Epergyreus c. clarus</i>	Water Penny (Riffle) Beetle <i>Psephenus lecontei</i>	Woodland Salamander <i>Plethodon jordani</i>
Luna Moth <i>Actias luna</i>	Whitetail Dragonfly <i>Plathemis lydia</i>	Blue-ridge Two-lined Salamander <i>Eurycea bislineata wilderae</i> ???
Promethea Moth (cocoon) <i>Callosamia promethea</i>	Dragonfly <i>Gomphus lividus</i>	Green Salamander <i>Aneides aeneus</i>
Walnut Sphinx Moth <i>Cressonia juglandis</i>	Dragonfly <i>Cordulegaster diastatops</i>	Stinkpot <i>Stemotherus odoratus</i>
Carpenter Bee <i>Xylocopa virginica</i>	Dragonfly <i>Helocordulia selysii</i>	Broad-headed Skink <i>Eumeces laticeps</i>
Bald-faced Hornet <i>Dolichovespula maculata</i>	Little Corporal (Dragonfly) <i>Ladona deplanata</i>	N. Black Racer <i>Coluber c. constrictor</i>
Organ-pipe Wasp <i>Trypoxylon politum</i>	Bowl and Dolly Spider <i>Frontinella pyramitella</i>	N. Water Snake <i>Nerodia s. sipedon</i>
Beetle <i>Ceruchus piceus</i>	Spider <i>Hypochilus gertschi</i>	Red-eyed Vireo <i>Vireo olivaceus</i>
Leaf Beetle <i>Lina interrupta</i>	Bullfrog <i>Rana catesbeiana</i>	Belted King Fisher <i>Megasceryle alcyon</i>
Wood Beetle <i>Odontotaenius (Popillius) disjunctus</i>	N. Spring Peeper <i>Hyla c. crucifer</i>	Scarlet Tanager (nest) <i>Piranga olivacea</i>
Darkling Beetle <i>Tarpeia micans</i>	Red-spotted Newt <i>Notophthalmus v. viridescens</i>	Black Vulture <i>Coragyps atratus</i>
White-spotted Sawyer Beetle <i>Monochamus scutellatus</i>	Black-bellied Salamander <i>Desmognathus quadramaculatus</i>	Turkey Vulture <i>Cathartes aura</i>



WEBB WILDLIFE CENTER

23 May 1981

The Hampton County trip was a dry one. The effects of this year's drought were obvious. Jimmy Beatty spotted a Mississippi Kite nest as we began. We were later to see a Swallowtailed Kite in the same area. A number of butterflies brightened our day as we walked along a trail to the Savannah River. (The trail seemed to be never-ending!) We looked over into Georgia, relaxed for awhile, and headed back. Beaver sign was common. The species list gives a feeling for the diversity of life we passed.

I received a letter the other day from Brian Cassle, a SCAN member of a few years ago. He now deals with natural history books in Massachusetts. If you are interested in books at a reduced price (and who isn't?), you might want to write Brian at Ibis Books, 349 Exchange St., Millis, Massachusetts, 02054. Tell him you're a SCAN member and ask for his list of natural history books.

Rudy E. Mancke, SCAN President

Location: Hampton County

FLORA

Water Tupelo
Nyssa aquatica

Pond Cypress
Taxodium ascendens

Swamp Cottonwood
Populus heterophylla

Carolina Ash
Fraxinus caroliniana

Water Hickory
Carya aquatica

Laurel Oak
Quercus laurifolia

Overcup Oak
Quercus lyrata

Swamp Chestnut Oak
Quercus michauxii

Am. Hornbeam
Carpinus caroliniana

Water Elm
Planera aquatica

Dwarf Palmetto
Sabal minor

Pawpaw
Asimina triloba

Deciduous Holly
Ilex decidua

Water Willow
Justicia ovata

Swamp Milkweed
Asclepias perennis

FLORA (Cont'd)

Passion Flower <i>Passiflora incarnata</i>	Supplejack <i>Berchemia scandens</i>	Royal Fern <i>Osmunda regalis</i> var. <i>spectabilis</i>
Dyschoriste <i>Dyschoriste oblongifolia</i>	Switchcane <i>Arundinaria gigantea</i>	Mushroom <i>Phytoporus rhodoxanthus</i>
Climbing Dogbane <i>Trachelospermum difforme</i>	Japanese Climbing Fern <i>Lygodium japonicum</i>	

FAUNA

Dragonfly <i>Tetragoneuria cynosura</i>	Creole Pearly Eye <i>Lethe creola</i>	Filmy Dome Spider <i>Prolinyphia marginata</i>
Whitetail Dragonfly <i>Platemis lydia</i>	Little Wood Satyr <i>Euptychia c. cymela</i>	S. Leopard Frog <i>Rana utricularia</i>
Dragonfly <i>Libellula vibrans</i>	Monarch <i>Danaus p. plexippus</i>	Green Tree Frog <i>Hyla cinerea</i>
Greenjacket Dragonfly <i>Erythemis simplicicollis</i>	Mourning Cloak <i>Nymphalis a. antiopa</i>	N. Spring Peeper <i>Hyla c. crucifer</i>
Eyed Elater (beetle) <i>Alaus oculatus</i>	Variegated Fritillary <i>Euptoleta clauda</i>	Yellow-bellied Turtle <i>Chrysemys s. scripta</i>
Blister Beetle <i>Epicauta vittata</i>	Carolina Satyr <i>Euptychia hermes sosybia</i>	Green Anole <i>Anolis carolinensis</i>
Pearl Crescent <i>Phyciodes t. tharos</i>	Dogface <i>Colian cesonia</i>	E. Hognose Snake <i>Heterodon platyrhinos</i>
Am. Painted Lady <i>Cynthia (Vanessa) virginensis</i>	Sleepy Orange <i>Eurema nicippe</i>	Red-bellied Water Snake <i>Nerodia s. erythrogaster</i>
Questionmark <i>Polygonia interrogationis</i>	Luna Moth <i>Actias luna</i>	Red-headed Woodpecker <i>Melanerpes erythrocephalus</i>
Buckeye <i>Junonia c. coenia</i>	Noctuid Moth <i>Slavana repanda</i>	Red-bellied Woodpecker <i>Melanerpes carolinus</i>
Pipeline Swallowtail <i>Battus philenor</i>	Forest Tent Caterpillar <i>Malacosoma disstria</i>	Downy Woodpecker <i>Picoides pubescens</i>
Zebra Swallowtail <i>Graphium marcellus</i>	Elongate Cannibal Snail <i>Euglandina rosea</i>	Red-cockaded Woodpecker <i>Picoides borealis</i>

FAUNA (Cont'd)

Flicker
Colaptes auratus

Red-shouldered Hawk
Buteo lineatus

Barred Owl (feather)
Strix varia

Mississippi Kite
Ictinia mississippiensis

Swallow-tailed Kite
Elanoides forficatus

Red-eyed Vireo
Vireo olivaceus

Ovenbird
Seiurus aurocapillus

Am. Redstart
Setophaga ruticilla

Prothonotary Warbler
Protonotaria citrea

Acadian Flycatcher
Empidonax vireescens

Blue-gray Gnatcatcher
Poliophtila caerulea

Chimney Swift
Chaetura pelagica

White-breasted Nuthatch
Sitta carolinensis

Summer Tanager
Piranga rubra

E. Bluebird
Sialia sialis

Bobwhite Quail
Colinus virginianus

Great Blue Heron
Ardea herodias

Beaver
Castor canadensis



FORTY-ACRE ROCK

27 June 1981

The trip to Forty-Acre Rock was great. We had thirty people there on a breezy day. The rock was extremely dry - drier than I had ever seen it. We walked over the rock face, down to a small creek, and over an area that resembled the sandhills. There were lots of things to see. A number of snakes were identified from their shed skins. Everyone came away with the feeling that this place is special indeed.

Rudy E. Mancke, SCAN President

Location: Lancaster County

FLORA

Blunt-lobed Woodsia <i>Woodsia obtusa</i>	Blackjack Oak <i>Quercus marilandica</i>	Heal-all <i>Prunella vulgaris</i>
New York Fern <i>Thelypteris noveboracensis</i>	Red Mulberry <i>Morus rubra</i>	False Foxglove <i>Aureolaria virginica</i>
S. Lady Fern <i>Athyrium asplenoides</i>	Fameflower <i>Talinum teretifolium</i>	Trumpet Creeper <i>Campsis radicans</i>
Shortleaf Pine <i>Pinus echinata</i>	Wireplant <i>Stipulicida setacea</i>	Ragwort <i>Senecio tomentosus</i>
Red Cedar <i>Juniperus virginiana</i>	Mountain Sandwort <i>Arenaria groenlandica</i>	Allantherus <i>Allantherus altissima</i>
Needle Grass <i>Stipa avenacea</i>	Honey Locust <i>Gleditsia triacanthos</i>	Fringetree <i>Chionanthus virginicus</i>
Dayflower <i>Commelina erecta</i>	Chalk Maple <i>Acer saccharum leucoderme</i>	Coreopsis <i>Coreopsis verticillata</i>
False Aloe <i>Agave virginica</i>	Yellow Passionflower <i>Passiflora lutea</i>	Puffball <i>Lycoperdon umbrinum</i>
Tag Alder <i>Alnus serrulata</i>	Swamp Azalea <i>Rhododendron nudiflorum</i>	Turkeytails Mushroom <i>Polyporus versicolor</i>
Rock Chestnut Oak <i>Quercus prinus</i>	Persimmon <i>Diospyros virginiana</i>	

SCAN: THE FIRST TEN YEARS

FAUNA

Bee Assassin
Apiomerus crassipes

Luna Moth
Actias luna

Buckeye
Junonia c. coenia

Red-spotted Purple
Limenitis a. astyanax

Pearl Crescent
Phyciodes t. tharos

Hackberry Butterfly
Asterocampa c. celtis

Longhorned Beetle (on mulberry)
Hetoemis cinerea

Organpipe Wasp
Trypoxylon politum

Mydas Fly
Mydas clavatus

Blackwing Danselfly
Calopteryx maculatus

Whitetail Dragonfly
Plathemis lydia

Greenjacket Dragonfly
Erythemis simplicicollis

Dragonfly
Pachydiplax longipennis

Dragonfly
Libellula cyanea

Funnelweb Spider
Agelenopsis sp.

Keeled Green Snake
Ophiodrys aestivus

N. Black Racer (skin)
Coluber c. constrictor

Black Rat Snake (skin)
Elaphe o. obsoleta

E. Kingsnake (skin)
Lampropeltis g. getulus

N. Fence Lizard
Sceloporus u. hyacinthinus

Six-lined Racerunner
Cnemidophorus s. sexlineatus

Indigo Bunting
Passerina cyanea

Turkey Vulture
Carthartes aura

E. Wood Pewee ???
Contopus virens

Blue-gray Gnatcatcher
Polioptila caerulea

E. Kingbird
Tyrannus tyrannus

Summer Tanager
Piranga rubra

Acadian Flycatcher
Empidonax virens

Red-eyed Vireo
Vireo olivaceus

Wood Thrush
Hylocichla ustulata

Red-tailed Hawk
Buteo jamaicensis

Ruby-throated Hummingbird
Archilochus colubris



FRANCIS BEIDLER FOREST

25 July 1981

The trip to Francis Beidler Forest (Four-holes Swamp) was a great success. We had 35 people there on an overcast day. A special thanks goes to Ken Strom for his help.

We walked along the boardwalk for most of the morning and saw a good cross-section of animals and plants typical of the area. Greenfly Orchids were flowering on a recently fallen limb beside the walkway. A Prothonotary Warbler landed a few feet from us and allowed everyone to take a close look at it. We also got a close look at a Brown Water Snake and a young Eastern Cottonmouth. After lunch we walked along the road, picking up Eocene fossils (sea urchins, sand dollars, shells and their casts), that were used to pave it. Lots of lizards were active there, as were a variety of butterflies. We could not have had a more pleasant experience.

We mentioned to the group attending that Oscar LaBorde had picked up a new plant species for South Carolina on our Webb Wildlife Center trip. It was *Aristolochia tomentosa*, one of the Pipevines. We have never been able to collect fruit or flowers on the vine, but I did collect the larva of, guess what, a Pipevine Swallowtail feeding on the leaves. Sometimes things just seem to work out.

Rudy E. Mancke, SCAN President

Location: Dorchester County

FLORA

Greenfly Orchid
Epidendrum Conopseum

Sabatia
Sabatia calycina

St. Andrew's Cross
Hypericum hypericoides

Swamp Milkweed
Asclepias perennis

Miterwort
Cynoctonum mitreola

Polypremum
Polypremum procumbens

Water Willow
Justicia ovata

Yellow Flax
Linum striatum

Supplejack
Berchemia scandens

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Climbing Hydrangea
Decumaria barbat

Poison Sumac
Rhus venix

Sweet Pepperbush
Clethra alnifolia

Partridgeberry
Mitchella repens

Beautyberry
Callicarpa americana

Buttonbush
Cephalanthus occidentalis

Horse Sugar
Symplocos tinctoria

Devil's Walkingstick
Aralia spinosa

Witch Hazel
Hamamelis virginiana

Red Bay
Persea borbonia

Storax
Styrax americana

Water Elm
Planera aquatica

Water Tupelo
Nyssa aquatica

Water Locust
Gleditsia aquatica

Laurel Oak
Quercus laurifolia

Overcup Oak
Quercus lyrata

Pond Cypress
Taxodium ascendens

Loblolly Pine
Pinus taeda

Spruce Pine
Pinus glabra

Resurrection Fern
Polypodium polypodioides

Netted Chain Fern
Woodwardia areolata

Royal Fern
Osmunda regalis var. *spectabilis*

Sphagnum Moss
Sphagnum sp.

Mushroom
Laccaria amethystina

Horsehair Fungus
Marasmius rotula

Brick Cap Fungus
Naematoloma sublateralium

FAUNA

S. Toad
Bufo terrestris

Green Anole
Anolis carolinensis

Ground Skink
Scincella lateralis

Broad-headed Skink
Eumeces laticeps

Yellow-bellied Turtle
Chrysemys s. scripta

Brown Water Snake
Nerodia (Natrix) taxispilota

E. Cottonmouth
Agkistrodon p. piscivorus

Alligator
Alligator mississippiensis

Prothonotary Warbler
Protonotaria citrea

Blue-gray Gnatcatcher
Poliophtila caerulea

Carolina Wren
Thyothorus ludovicianus

Downy Woodpecker
Picoides pubescens

E. Gray Squirrel
Sciurus c. carolinensis

Rove Beetle
Staphylinus maculosus

Armored Pygmy Grasshopper
Tettigidea armata

Red Bay Gall
Trioza magnoliae

Dragonfly
Libellula incesta

Tiger Swallowtail
Papilio glaucus

FAUNA (Cont'd)

Palamedes Swallowtail
Papilio palamedes

Harvester
Feniseca t. tarquinius

Orchard Spider
Leucauge venusta

Azure Blue
Celastrina argiolus pseudargiolus

Honeybee
Apis mellifera

Red Admiral
Vanessa atalanta

Bowl and Dolly Spider
Frontinella pyramitella



TROTTER'S SHOALS

22 August 1981

Thirty-five members took part in the field trip to the Trotter's Shoals area. It was a blue sky, puffy-white cloud day. We parked near the towering new bridge, passed beneath it, and walked along the trail bordering the Savannah River. I don't remember a more interesting trip. The more we looked the more we saw. A couple of projectile points were picked up soon after we began. We saw a great variety of plants with fruit and/or flowers in place. Butterflies were flying by all day. We passed by a homesite of the John C. Calhoun family, now an archeological "dig."

There were many highlights, but one experience stands out for me. As we walked down one sloping section of the trail, someone noticed lots of movement in a mud puddle. We took a look and I thought the creatures moving there were a species of fingernail clam. I collected two of them and we moved on. When I got home, I was surprised to find shrimp inside the shells. It was then I realized we had stumbled across a pupulation of odd animals known as (you guessed it!) clam shrimp. These crustaceans are not common. They appear in standing pools of water of almost any size, but are transient organisms - here today and gone tomorrow. Once again we are reminded that nature is filled with surprises. We must expect the unexpected or we'll miss it when it comes along.

We have been asked to cooperate in a study of cattle egret distribution. The request is as follows: "Juvenile cattle egrets will be color banded and color marked this summer and in 1982 as part of a study of post-fledgling dispersal. One or both wings will be colored with red, blue, green or gray paint. Birds will be color banded with red, green, yellow, white and blue numbered plastic bands. Observer reports will be appreciated - noting color sequences (and if possible, color band numbers), date and place of observation and number of cattle egrets present. Please report observations to the Bird Banding Laboratory, Laurel, Maryland, 20911, and to Debbie Mignogno, P.O. Box 1490, University of Maryland, Eastern Shore, Princess Ann, Maryland, 21853."

Rudy E. Mancke, SCAN President
Location: Abbeville County

FLORA

Mushroom
Lactarius indigo

Death Angel
Amanita cockeri

Old Man of the Woods
Strombilomyces floccopus

Edible Bolete
Boletus edulis

Puffball
Calvatia sp.

Mushroom
Schizophyllum commune

River Oats
Uniola latifolia

Creeping Cucumber
Melothria pendula

Goose Grass
Eleusine indica

Mint
Satureja georgiana

Carpetweed
Mollugo verticillata

Buttonweed
Diodia teres

Buttonweed
Diodia virginiana

Coral Beads
Cocculus carolinus

Yellow Passion Flower
Passiflora lutea

Partridge Pea
Cassia fasciculata

Butterfly Pea
Centrosema virginianum

Wild Bean
Apios americana

Turtlehead
Chelone glabra

Jimsonweed
Datura stramonium

Cardinal Flower
Lobelia cardinalis

Little Red Morning Glory
Ipomoea coccinea

Loosestrife
Lythrum lanceolatum

Mecardonia
Mecardonia acuminata

Marsh Fleabane
Pluchea camphorata

Pale Indian-plantain
Cacalia atriplicifolia

Ragweed
Ambrosia artemisiifolia

Lead Plant
Amorpha fruticosa

River Birch
Betula nigra

Hop Hornbeam
Ostrya virginiana

Am. Hornbeam
Carpinus caroliniana

Silverbell
Halesia carolina

Pawpaw
Asimina triloba

Red Mulberry
Morus rubra

Paper Mulberry
Broussonetia papyrifera

Sugarberry
Celtis laevigata

Hackberry
Celtis occidentalis var. *georgiana*

Buckthorn
Bumelia lycioides

Winged Elm
Ulmus alata

Buckeye
Aesculus sylvatica

Red Cedar
Juniperus virginiana

FAUNA

Clam Shrimp
Cyzicus mexicanus

Zebra Swallowtail
Graphium marcellus

Tiger Swallowtail
Papilio glaucus

FAUNA (Cont'd)

Spicebush Swallowtail <i>Papilio troilus</i>	Chinese Mantis <i>Tenodera aridifolia sinensis</i>	Common White-lipped Forest Snail <i>Mesodon thyroideus</i>
Monarch <i>Danaus p. plexippus</i>	Potter Wasp <i>Eumenes fraternus</i>	White-tailed Deer (tracks) <i>Odocoileus virginianus</i>
Variegated Fritillary <i>Euptoieta claudia</i>	Bald-Faced Hornet <i>Dolichovespula maculata</i>	Beaver (tracks) <i>Castor canadensis</i>
Buckeye <i>Junonia c. coenia</i>	Cicada-killer Wasp <i>Sphecius speciosus</i>	Raccoon (tracks) <i>Procyon lotor solutus</i>
Tawny Emperor <i>Asterocampa clyton flora</i>	Whitetail Dragonfly <i>Plathemis lydia</i>	E. Box Turtle <i>Terrapene c. carolina</i>
Pearly Eye <i>Lethe portlandia</i>	Globetrotter <i>Pantala flavescens</i>	Green Anole <i>Anolis c. carolinensis</i>
Little Sulfur <i>Eurema lisa</i>	Greenjacket <i>Erythemis simplicicollis</i>	Six-lined Racerunner <i>Cnemidophorus sexlineatus</i>
Eastern Tailed Blue <i>Evers c. comyntas</i>	Dragonfly <i>Libellula incesta</i>	Fowler's Toad <i>Bufo woodhousei fowleri</i>
Pearl Crescent <i>Phyciodes t. tharos</i>	Dragonfly <i>Pachydiplax longipennis</i>	Red-tailed Hawk <i>Buteo jamaicensis</i>
Olive Hairstreak <i>Callophrys (Mitoura) g. gryneus</i>	Green Lynx Spider <i>Peucetia viridans</i>	Belted Kingfisher <i>Megasceryle alcyon</i>
Southern Cloudywing Skipper <i>Thorybes bathyllus</i>	Nurseryweb Spider <i>Pisaurina mira</i>	E. Peewee <i>Contopus virens</i>
Horace's Duskywing Skipper <i>Erynnis horatius</i>	Writing Spider <i>Argiope aurantia</i>	Blue-gray Gnatcatcher <i>Poliophtila caerulea</i>
I-O Moth (caterpillar) <i>Automeris io</i>	Filmy-dome Spider <i>Prolinyphila marginata</i>	Am. Redstart <i>Setophaga ruticilla</i>
Hackberry Gall Louse <i>Pachypsylla venusta</i>	Bowl and Doily Spider <i>Frontinella pyramitella</i>	Am. Goldfinch <i>Carduelis tristis</i>
Soldier Beetle <i>Chauliognathus pennsylvanicus</i>	Spiny-bodied Spider <i>Micrathena gracilis</i>	Green Heron <i>Butorides striatus</i>
Bush Cricket <i>Phyllotrupus pulchellus</i>	Arrowhead Spider <i>Micrathena sagittata</i>	E. Cottontail (bones) <i>Sylvilagus floridanus mallurus</i>
	Asiatic Clam <i>Corbicula fluminea</i>	

EDISTO ISLAND

19, 20 September 1981

The Edisto Island trip was delightful. The weather was perfect, and we were impressed by the great variety of organisms seen. You had to be there to understand how nice things were. There were at least seventy people in attendance. We began by walking through a maritime forest, across a section of saltmarsh, and over to a shell mound (approximately 6,000 years old). Lots of spiders, butterflies, birds, mushrooms, and plants were seen. One of our rarest shrubs, *Sageretia minutiflora*, was on the mound and in flower. It seems to do well only in that habitat. Later we walked the beach, picking up shells, fossils, etc., as we walked. We saw a female horseshoe crab crawling toward the ocean and picked her up for a close look. That evening, a few of us took a short night-hike. Screech owls were calling. Sleeping butterflies and lizards were seen. Spiders were in their webs.

On Sunday, we walked along the beach on the south end of the island and saw everything from horseshoe crab parts to whelk egg cases - from shells to fossils. As we broke up to head for home, Dragonflies were hovering overhead looking over our shoulders as we talked. I am pleased with every field trip we take, but this one was especially nice. It was hard to leave.

The Audubon Society Field Guide to Butterflies of North America is hot off the press. This book is excellent, with lots of beautiful color photographs. SCAN member, Edmund Taylor, has some of his photographs included. That makes the book even more special.

Rudy E. Mancke, SCAN President

Location: Charleston County



FLORA

Cinnamon Fern <i>Osmunda cinnamomea</i>	Prickly Ash <i>Zanthoxylum clava-herculis</i>	Bedstraws <i>Galium hispidulum</i>
Netted Chain Fern <i>Woodwardia areolata</i>	Sageretia <i>Sageretia minutiflora</i>	Russian Thistle <i>Salsola kali</i>
Virginia Chain Fern <i>Woodwardia virginica</i>	Waxmyrtle <i>Myrica cerifera</i>	Seabeach Orach <i>Atriplex arenaria</i>
Resurrection Fern <i>Polypodium polypodioides</i>	Red Mulberry <i>Morus rubra</i>	Suaeda <i>Suaeda linearis</i>
Palmetto <i>Sabal palmetto</i>	Sugarberry <i>Celtis laevigata</i>	Sea Lavender <i>Limonium carolinianum</i>
Dwarf Palmetto <i>Sabal minor</i>	Devil's Walkingstick <i>Aralia spinosa</i>	Sex Oxeye <i>Borrchia frutescens</i>
Saw Palmetto <i>Serenoa repens</i>	Swamp Dogwood <i>Comus stricta</i>	Firewheels <i>Gaillardia pulchella</i>
Spruce Pine <i>Pinus glabra</i>	Chinquapin <i>Castanea pumila</i> var. <i>ashei</i>	Melanthera <i>Melanthera hastata</i>
Magnolia <i>Magnolia grandiflora</i>	Groundsel <i>Baccharis halimifolia</i>	Fogfruit <i>Lippia nodiflora</i>
Live Oak <i>Quercus virginiana</i>	Marsh Elder <i>Iva frutescens</i>	Houstonia <i>Houstonia procumbens</i>
Red Bay <i>Persea borbonia</i>	Marsh Elder <i>Iva imbricata</i>	Sea Rocket <i>Cakile harperi</i>
Wild Olive <i>Osmanthus americana</i>	Coral Bean <i>Erythrina herbacea</i>	Croton <i>Croton punctatus</i>
Laurel Cherry <i>Prunus caroliniana</i>	Butterfly Pea <i>Centrosema virginianum</i>	Teucrium <i>Teucrium canadense</i>
Yaupon <i>Ilex vomitoria</i>	Butterfly Pea <i>Citoria mariana</i>	Spotted Wintergreen <i>Chimaphila maculata</i>
Beautyberry <i>Callicarpa americana</i>	Hog Peanut <i>Amphicarpa bracteata</i>	Sea Oats <i>Uniola paniculata</i>
Buckthorn <i>Bumelia tenax</i>	Wild Bean <i>Strophostyles helvola</i>	Sandspurs <i>Cenchrus tribuloides</i>
Fire Cedar <i>Tamarix gallica</i>	Portulaca <i>Portulaca pilosa</i>	Sandspurs <i>Cenchrus echinatus</i>

FLORA (Cont'd)

Seaside Mallow
Kosteletskyia virginica

Mexican-tea
Chenopodium ambrosioides

Sea Lettuce
Ulva lactuca

Milk Mushroom
Lactarius piperatus

Mushroom
Daldinia concentrica

Amanita
Amanita vaginata

Puffball
Lycoperdon pusillum

Earthstar
Geastrum saccatum

Old Man of the Woods
Strombiliomyces floccopus

Columned Stinkhorn
Clathrus columnatus

FAUNA

Golden Silk Spider
Nephila clavipes

Spider
Conopistha nephila

Spiny-bodied Spider
Gasteracantha elipsoides

Bowl and Dolly Spider
Frontinella pyramitella

Filmy Dome Spider
Prolinyphia marginata

Hackberry Butterfly
Asterocampa c. ceitis

Monarch
Danaus p. plexippus

Queen
Danaus gilippus berenice

Cloudless Sulphur
Phoebis sennae eubule

Little Sulfur
Eurema lisa

Gulf Fritillary
Agraulis vanillae nigror

Carolina Satyr
Euptychia hermes sosybia

Red-banded Hairstreak
Calycopis cecrops

Buckeye
Junonia c. coenia

Long-tailed Skipper
Urbanus proteus

Hoary-edged Skipper
Achalarus lyciades

Tiger Swallowtail
Papilio glaucus

Palamedes Swallowtail
Papilio palamedes

Giant Swallowtail
Papilio c. cresphontes

Saddleback (caterpillar)
Sibine stimulea

Red Chanterelle
Cantharellus cinnabarinus

Saddlebags Dragonfly
Tramea carolina

Greenjacket
Erythemis simplicicollis

Globetrotter
Pantala flavescens

Dragonfly
Anax junius

Dragonfly
Brachymesia gravida

Dragonfly
Pachydiplax longipennis

Carolina Mantid (egg mass)
Stagmomantis carolina

Broad-topped Conehead
Katydid
Neoconocephalus triops

Pleasing Fungus Beetle
Triplax festiva

Scale Insect
Ceroptastes ceriferus

Leaf-footed Bug
Leptoglossus phyllopus

Mole Crab
Amerita talpoida

Blue Crab
Callinectes sapidus

Speckled Crab
Arenaeus cribrarius

FAUNA (Cont'd)

Lady Crab <i>Ovalipes ocellatus</i>	Common Marginella <i>Prunum apicinum</i>	E. Mole <i>Scalopus aquaticus</i>
Horseshoe Crab <i>Limulus polyphemus</i>	Atlantic Slipper <i>Crepidula fornicata</i>	Great Horned Owl (pellet) <i>Bubo virginianus</i>
Limulus "Leech" <i>Bdelloura candida</i>	Baby Ear <i>Sinum perspectivum</i>	Screech Owl <i>Otus asio</i> (calling)
Plumed Worm <i>Diopatra cuprea</i>	Cayenne Keyhole Limpet <i>Diodora cayenensis</i>	Osprey <i>Pandion haliaetus</i>
Saltmarsh Snail <i>Melampus bidentatus</i>	Banded Tulip <i>Fasciolaria hunteria</i>	Am. Kestral <i>Falco sparverius</i>
Calico Scallop <i>Aequipecten gibbus</i>	Atlantic Moon Snail <i>Polinices duplicatus</i>	Marsh Hawk <i>Circus cyaneus</i>
Surf Clam <i>Spisula solidissima</i>	Humphrey's Wentletrap <i>Epitonium humphreysii</i>	Ruddy Turnstone <i>Arenaria interpres</i>
Cross-hatched Lucine <i>Divaricella quadrisulcata</i>	Sea Urchin <i>Arbacia punctulata</i>	Willet <i>Catoptrophorus semipalmatus</i>
Jingle Shell <i>Anomia simplex</i>	Sand Dollar <i>Mellita quinquesperforata</i>	Sanderling <i>Calidris alba</i>
Giant Atlantic Cockle <i>Dinocardium robustum</i>	Whip Coral <i>Leptogorgia virgulata</i>	Am. Redstart <i>Setophaga ruticilla</i>
Yellow Cockle <i>Tachycardium muricatum</i>	Sea Pork <i>Amaroucium stellatum</i>	Common Yellowthroat <i>Geothlypis trichas</i>
China Cockle <i>Tachycardium egmontianum</i>	Loggerhead Sea Turtle (bones) <i>Caretta caretta</i>	Black and White Warbler <i>Mniotilta varia</i>
Softshell Clam <i>Mya arenaria</i>	Green Anole <i>Anolis carolinensis</i>	Black-throated Blue Warbler <i>Dendroica caerulescens</i>
Scorched Mussel <i>Brachidontes exustus</i>	Rough Green Snake <i>Ophiodys aestivus</i>	Snowy Egret <i>Egretta thula</i>
Truncate Borer <i>Barea truncata</i>	E. Gray Squirrel <i>Sciurus c. carolinensis</i>	Brown Pelican <i>Pelecanus occidentalis</i>
False Anglewing <i>Petricola pholadiformis</i>	Opossum (in owl pellet) <i>Didelphis virginiana</i>	Boattailed Grackle <i>Quiscalus major</i>

GIANT PORTLAND CEMENT QUARRY 1981

24 October 1981

The quarry trip turned out to be a special experience. Forty-five people took part. The day was overcast with a cold wind blowing, but after the first fossils were found things began to "warm up." As we drove into the large quarry, a turkey vulture was soaring above us. It reminded me that we, like the vulture, were searching for the dead. We had come to exume bodies of creatures that died in an ocean during eocene times, some 50-60 million years ago.

The most spectacular find of the day was discovered by Kathy and Butch Younginer. They found the lower jaw of an extinct toothed whale (archaeocete) with most of the teeth associated with it. As they cleared away the limestone it was buried in, pieces of skull and an earbone came to light. It was a young whale, with unerupted teeth still in the jaw. Everyone picked up plenty of fossils in one form or another. We also saw plants and animals of today living among the limestone chunks. We saw things close together in space but far apart in time. It's a strange feeling....

Rudy E. Mancke, SCAN President

Location: Dorchester County

FLORA

Cottonwood
Populus deltoides

Black Willow
Salix nigra

Rattlebox
Crotalaria spectabilis

Kudzu
Pueraria lobata

White Sweet Clover
Melilotus alba

Sesbania
Sesbania exaltata

Groundsel
Baccharis halimifolia

Mecardonia
Mecardonia acuminata

Spiny-leaved Sow Thistle
Sonchus asper

Eclipta
Eclipta alba

Frost Aster
Aster pilosus

Camphorweed
Heterotheca subaxillaris

Goldenrod
Solidago altissima

Flowering Spurge
Euphorbia corollata

Ptilimnium
Ptilimnium capillaceum

Nightshade
Solanum carolinense

Sedge
Cyperus polystachyos var.
texensis

Rush
Juncus effusus

FAUNA

Cottonwood Gall Aphid
Pemphigus populi-transversus

Forked-tailed Bush Katydid
Scudderella furcata

Mole Cricket
Scapteriscus acletus

Field Cricket
Gryllus sp.

Snowy Tree Cricket
Oecanthus niveus

Pygmy Grasshopper
Paratettix cuculatus

Spotted Cucumber Beetle
Diabrotica undecimpunctata howardi

Tiger Beetle
Tetracha carolina

June Beetle
Cotinus nitida

Bella Moth
Utetheisa bella

Virginia Ctenucha Moth
Ctenucha virginica

White-lipped Pupa Snail
Pupoides albilabris

Woven Belly-tooth Snail
Ventridens intertextus

Hopeton Forest Snail
Triodopsis hopetonensis (?)

Black Widow
Latrodectus mactans

Yellow-bellied Turtle
Chrysemys s. scripta

S. Toad
Bufo terrestris

Green Treefrog
Hyla cinerea

Killdeer
Charadrius vociferus

Turkey Vulture
Cathartes aura

Owl pellet with cotton rat
(*Sigmodon hispidus*) skelton
in it.

EXTINCT FAUNA

White Shark
Carcharodon auriculatus
(*angustidens*)

Porbeagle Shark
Lamna berchiel

Sand Shark
Odontaspis hopel

Tiger Shark
Galeocerdo sp.

Liveroil Shark
Galeorhinus sp.

Lemon Shark
Negaprion gibbesi

Bull Shark
Carcharius leucas

Cow Shark
Hexanchus sp.

Requiem Shark
Hemipristis serr

Stingray
Myliobatus sp.

Bill Fish
Cylindracanthus rectus

Barracuda
Sphyræna sp.

Archaeocete
Zygorhiza kochii

Pectin
Chlamys cocoana

Sand Dollar
Periarctus lyell

Miscellaneous:

Bryozoans
Mollusks
Sea urchins

See page 168 for more vertebrate fossils
collected on this trip.



CAROLINA SANDHILLS NATIONAL WILDLIFE REFUGE

5 December 1981

The December meeting at Carolina Sandhills National Wildlife Refuge was a fine way to end 1981. The day was clear and crisp and we had forty members present. It turned out to be a time for sign-reading. Lots of tracks were seen, along with egg cases, galls, raided yellowjacket nests, etc. A series of sandy ridges with seepage areas and bogs in the valleys between them provided us with a variety of habitats to explore.

Rudy E. Mancke, SCAN President

Location: Chesterfield County

FLORA

Mushroom <i>Amanita gemmata</i>	Puffball <i>Lycoperdon pyriforme</i>	Sweet Pitcher Plant <i>Sarracenia rubra</i>
Mushroom <i>Mycena alcalina</i>	Ground Pine <i>Lycopodium flabelliforme</i>	Purple Pitcher Plant <i>Sarracenia purpurea</i>
Turkeytails Mushroom <i>Polyporus versicolor</i>	Foxtail Clubmoss <i>Lycopodium alopecuroides</i>	Love Grass <i>Eragrostis curvula</i>
Mushroom <i>Gymnopilus penetrans</i>	Longleaf Pine <i>Pinus palustris</i>	Chokeberry <i>Sorbus a. arbutifolia</i>
Pine-cone Fungus <i>Hydnum imbricatum</i>	Pond Pine <i>Pinus serotina</i>	Sourwood <i>Oxydendrom arboreum</i>
Old Man of the Woods <i>Strobilomyces floccopus</i>	Atlantic White Cedar <i>Chamaecyparis thyoides</i>	Horse Sugar <i>Symplocos tinctoria</i>
Mushroom <i>Armillariella tabescens</i>	Inkberry <i>Ilex glabra</i>	Swamp Cyrilla <i>Cyrilla racemiflora</i>
Puffball <i>Calvatia cyathiformis</i>	Winterberry <i>Ilex verticillata</i>	Fetter-bush <i>Lyonia lucida</i>

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Sparkleberry
Vaccinium arboreum

Persimmon
Diospyros virginiana

Trailing Arbutus
Epigaea repens

Spotted Wintergreen
Chimaphila maculata

Turkey Oak
Quercus laevis

Blackjack Oak
Quercus marilandica

Sandwort
Arenaria caroliniana

Red Bay
Persea borbonia

Sweet Bay
Magnolia virginiana

Winged Sumac
Rhus copallina

Poison Oak
Rhus toxicodendron

Mookernut Hickory
Carya tomentosa

Water-Milfoil
Myriophyllum pinnatum

Lichen
Cladonia leporina

FAUNA

Filmy-dome Spider (egg mass)
Prolinyphia marginata

Spider (egg mass)
Philodromus sp.

Bird Grasshopper
Schistocerca sp.

Huckleberry Gail Wasp
Hemadas nubilipennis

Twig-girdler Beetle
Oncideres cingulata

Darkling Beetle
Uloa punctulata

Red Bay Gail Aphid
Trioza magnoliae

Polyphemus Moth
Antheraea polyphemus

Flannel Moth
Megalopyge opercularis

White-tailed Deer (tracks)
Odocoileus virginianus

Raccoon (tracks)
Procyon lotor solutus

Opossum (tracks)
Didelphis marsupialis

Beaver (gnaw marks)
Castor canadensis

Canada Goose
Branta canadensis

Snow Goose (blue goose)
Chen caerulescens

Pintail
Anas acuta

Am. Wigeon
Anas americana

Ring-necked Duck
Aythya collaris

Marsh Hawk
Circus cyaneus

Am. Kestrel
Falco sparverius

Common Crow
Corvus brachyrhynchos

White-eyed Vireo (nest)
Vireo griseus

E. Bluebird
Sialia sialis

Red-cockaded Woodpecker
Picoides borealis

Red-bellied Woodpecker
Melanerpes carolinus

Yellow-bellied Woodpecker
Sphyrapicus varius

Dark-eyed Junco
Junco hyemalis

Red-breasted Nuthatch
Sitta canadensis

Pine Warbler
Dendroica pinus

N. Cricket Frog
Acris c. crepitans

Yellow-bellied Turtle (shell)
Chrysemys s. scripta

E. Box Turtle (shell)
Terrapene c. carolina





Carcharodon
auriculatus
(angustidens)



Lamna
leakei



Odontaspis
hopei



Galeorhynchus
sp.



Neoparion
gibbsi



Carcharias
leucas



Galeorhinus
sp.



Hexanchus
sp.



Hemipristis
canina



Myliobatis
sp.



Sphyrna
sp.



Cylindracanthus rectus

Vertebrate Fossils
Giant Portland Cement Quarry
24 October 1981

1982 FIELD TRIP LIST

DATE	SITE VISITED	COUNTY	PAGE
28 Jan 82	Annual Meeting	Richland	II-171
20 Feb 82	Debidue Beach	Georgetown	II-173
27 Mar 82	Chert Quarry	Allendale	II-176
24-25 Apr 82	Station Falls/Fish Hatchery	Oconee	II-178
22 May 82	Landsford Canal SP	Chester	II-181
19 Jun 82	Francis Marion NF	Berkeley	II-184
24 Jul 82	Poinsett SP	Sumter	II-187
21 Aug 82	Soapstone Ridge	Spartanburg	II-190
18-19 Sep 82	Hunting Island SP	Beaufort	II-193
23 Oct 82	Raven Cliff Falls	Greenville	II-197
Nov 82	No Meeting		
4 Dec 82	Santee NWR	Clarendon	II-199

ANNUAL MEETING

28 January 1982

We had a marvelous indoor meeting at the Criminal Justice Hall of Fame. Even though the weather outside was miserable, the fellowship inside was warm and comfortable. Almost seventy people attended. We want to thank Jami Bennett, director of the Hall, for her hospitality.

The morning was spent reviewing 1981. SCAN had 175 members at the end of the year. A membership list was passed out. If you would like a copy, let me know. We had \$1,903.93 in the treasury to date. Everyone was reminded that dues are due in January. They are still \$10.00 per year. We recognized Bonnie Morrison for the outstanding job she has done coordinating the SCAN newsletter for the past six years. Without her we could never have moved along so smoothly. Using slides provided by a number of members, we took a look at last year's field trips. It was a very good year. Just before lunch we elected the following officers for 1982:

President:	Rudy Mancke
Vice President:	Oscar LaBorde
Secretary:	Lynn Smith
Treasurer:	Roy Frierson
Parliamentarian:	Charles Lewis

After lunch, we continued with new business. The report of the children's committee was heard and adopted. That lowered the membership age to 14 and excluded children from SCAN trips in the future. It did provide that special trips for children could be planned by interested members. You will find one such trip on the calendar that is attached. There was also approval of a recommendation changing dues from \$10.00 across the board to \$10.00 for a single membership with \$5.00 for additional members living under the same roof. That change takes effect in January 1983. After lengthy discussion, it was decided to appoint a committee to study the feasibility of limiting the membership of SCAN. That committee would report to the entire membership by the end of December 1982. There were two resolutions passed. The first one stated that field trips are for members only. If a member wants to bring along a friend for one trip,

SCAN: THE FIRST TEN YEARS

it must be cleared with the president. The second resolution dealt with publications. The president was directed to appoint a committee to study the matter of publications and the membership gave that committee the authority to publish one bulletin during 1982. Please take note of these changes in policy. I hope they will make SCAN more meaningful for everyone.

Please put these dates on your calendar and take part in as many field trips as possible. We are going to have a sign-in sheet on our trips this year. I hope to see your name on lots of them. Our final item of business was the following field trip schedule for 1982:

20 February 82	SCAN, Debidue Beach
12,13 March 82	S.C. Env. Ed., Winthrop College Association
18,19 March 82	S.C. Academy, Clemson University of Science
20 March 82	Children's Trip, Congaree
27 March 82	SCAN, Chert Quarry
3,4 April 82	Lowlands Wildflower Weekend
17,18 April 82	Highlands Wildflower Weekend
24,25 April 82	SCAN, Oconee State Park
22 May 82	SCAN, Landsford Canal State Park
19 June 82	SCAN, Francis Marion Nat. Forest
24 July 82	SCAN, Poinsett State Park
21 Aug 82	SCAN, Soapstone Ridge
18,19 Sep 82	SCAN, Girl Scout Plantation
23 Oct 82	SCAN, Raven Cliff Falls
4 Dec 82	SCAN, Santee Nat. Wildlife Refuge

Our first field trip will take us into Georgetown County on 20 February 1982. We will meet at the parking area by N. Pate Drive on Debidue (DeBordieu) Beach (see map). As you drive in, pick up a pass at the security gate. Simply say you're with SCAN. As usual, we'll begin at 10:30. Bring along a lunch and dress appropriately - it might be chilly on the beach. We will explore the beach, the maritime forest, and the dunes in between.

Sincerely,

Rudy E. Mancke, SCAN President

DEBIDUE BEACH

20 February 1982

Our trip to Debidue (de Bordieu) Beach was a great way to begin 1982. The weather was perfect. We had blue skies and temperatures in the 70's. A special thanks goes to Lee Anne Jackson for her help in planning the trip and to Mr. & Mrs. Wallace Pate for their permission to explore the property.

We walked along the beach first, finding a variety of shells, etc. We then climbed a series of dunes and walked through the woods beyond. Bobcats had left their tracks all over the place. A few butterflies were flying. Mark Wilson captured a rainbow snake beside a freshwater pond. Someone else found a dead rainbow snake further on, which we autopsied later. Willow leaves were easing out of their buds. The feeling of spring was in the air. Some ducks, whistling swans, and other water birds were noted on a couple of ponds, along with a few alligators basking in the sun.

Rudy E. Mancke, SCAN President

Location: Georgetown County

FLORA

Yellow Jessamine
Geisemium sempervirens

Bittercress
Cardamine hirsuta

Bladderpod
Glottidium vesicarium

Prickly Pear
Opuntia drummondii

Bladderwort
Utricularia inflata

Inkberry
Ilex glabra

Yaupon
Ilex vomitoria

Am. Holly
Ilex opaca

Obedient Plant
Dracocephalum purpureum

Groundsel
Baccharis angustifolia

Blackroot
Pterocaulon pycnostachyum

Sea Rocket
Cakile harperi

Sea Lavender
Limonium carolinianum

Sea Oats
Uniola paniculata

Cord Grass
Spartina patens

Cord Grass
Spartina alterniflora

Sea Oxeye
Borrichia frutescens

Hyptis
Hyptis alata

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

S. Red Cedar
Juniperus virginiana

E. Red Cedar
Juniperus silicicola

Red Bay
Persea borbonia

Live Oak
Quercus virginiana

Mushroom
Cortinarius collinitus

Common Mycena
Mycena galericulata

*Sea Lettuce
Ulva lactuca

Hollow Green Weed
Enteromorpha sp.

FAUNA

Pied-billed Grebe
Podilymbus podiceps

Pileated Woodpecker
Dryocopus pileatus

Yellow-bellied Sapsucker
Sphyrapicus varius

Cedar Waxwing
Bombicilla cedrorum

Whistling Swan
Olor columbianus

Ring-billed Gull
Larus delawarensis

Gannet
Morus bassanus

Greater Black-backed Gull
Larus marinus

Ruddy Duck
Oxyura jamaicensis

Black Duck
Anas rubripes

Boat-tailed Grackle
Quiscalus major

Am. Wigeon
Anas americana

Beaver (gnawed wood)
Castor canadensis

Bobcat (tracks)
Lynx rufus

Woodrat (nest)
Neotoma floridana

Raccoon (tracks)
Procyon lotor

Green Treefrog
Hyla cinerea

Alligator
Alligator mississippiensis

Banded Water Snake
Nerodia f. fasciata

Rainbow Snake
Farancia erythrogramma

Star-bellied Spider (egg cases)
Acanthepeira stellata

Spotted Cucumber Beetle
Diabrotica undecimpuncta howardi

Bird Grasshopper
Schistocerca sp.

Carolina Mantid (egg case)
Stagmomantis carolina

Mourning Cloak
Nymphalis a. antiopa

Sleepy Orange
Eurema nicippe

Field Amber Snail
Succinea campestris

Elongate Cannibal Snail
Euglandina rosea

Campeche Angel Wing
Pholas campechiensis

Common Cockle
Tachycardium muricatum

Giant At. Cockle
Dinocardium robustum

Crossbarred Chione
Chione cancellata

Broad-ribbed Chione
Chione latirata

Calico Scallop
Aequipecten gibbus

Sea Pen
Atrina rigida

FAUNA (Cont'd)

At. Slipper
Crepidula fornicata

Calico Crab
Hepatus epheliticus

Lady Crab
Ovalipes ocellatus

Spider Crab
Libinia sp.

Purple Sea Urchin
Arbacia punctulata

Sand Dollar (keyhole urchin)
Meilita quinquesperforata

Hydroid (medusa stage)
Bougainvillia sp.



CHERT QUARRY

27 March 1982

The trip to the chert quarry was fantastic. There were sixty-five people in attendance. A special thanks goes to Mr. Sam Rice, Jr., for allowing us to explore his property.

Our first stop was the chert quarry itself. Indians used this site for thousands of years. I have never seen so many people pick up so many rocks. Large numbers of fossils were also found. We moved from there to the Savannah River, crossing a wide floodplain. As the day warmed up, reptiles became active along with a good variety of dragonflies and butterflies. A lot of interesting plants were noted, too. The species list that follows gives a feeling for the diversity there. The minerals found included chert, flint, agate, chalcedony and quartz. Most of the fossils were corals or sea urchins.

Rudy E. Mancke, SCAN President

Location: Allendale County

FLORA

Royal Fern
Osmunda regalis var. *spectabilis*

Cinnamon Fern
Osmunda cinnamomea

Fern
Thelypteris kunthii

Sensitive Fern
Onoclea sensibilis

Mosquito Fern
Azolla caroliniana

Haircap Moss
Polytrichum commune

Dwarf Palmetto
Sabal minor

Green Dragon
Arisaema dracontium

Jack-in-the-Pulpit
Arisaema triphyllum

Red Buckeye
Aesculus pavia

Artamasco Lily
Zephyranthes atamasco

Coral Bean
Erythrina herbacea

Phacelia
Phacelia dubia

Oxalis
Oxalis violacea

Leather Flower
Clematis crispa

Blue Stars
Amsonia tabernaemontana

Violet
Viola septemloba

Violet
Viola lanceolata

FLORA (Cont'd)

Wild Azalea
Rhododendron canescens

Jacquemontia
Jacquemontia tamnifolia

Dwarf Dandelion
Krigia virginica

Pawpaw
Asimina triloba

Swamp Chestnut Oak
Quercus michauxii

Overcup Oak
Quercus lyrata

Cottonwood
Populus deltoides

Raspberry Slime Mold
Tubifera ferruginosa

Sulfur Mushroom
Polyporus sulphureus

Barometer Earthstar
Astraeus hygrometricus

Purple-spored Puffball
Calvatia cyathiformis

Columned Stinkhorn
Clathrus columnatus

FAUNA

Dragonfly
Didemna transversa

Dragonfly
Tetragoneuria cynosura

Dragonfly
Tetragoneuria semlaquea

Zebra Swallowtail
Graphium marcellus

Tiger Swallowtail
Papilio glaucus

Palamedes Swallowtail
Papilio palamedes

Carolina Satyr
Euptychia hermes sosybia

Gemmed Satyr
Euptychia gemma

Pearl Crescent
Phyciodes t. tharos

Red-banded Hairstreak
Calycopis cecrops

Forest Tent Caterpillar
Malacosoma disstria

Nessus Sphinx Moth
Amphion Nessus

Wood Beetle
Popillius disjunctus

Large-headed Ant
Pheidole megacephala

Nurseryweb Spider
Pisaurina mira

Green Treefrog
Hyla cinerea

Gray Treefrog
Hyla chrysoscelis

Green Anole
Anolis carolinensis

Ground Skink
Scincella lateralis

Fence Lizard
Sceloporus undulatus

Red-bellied Water Snake
Nerodia e. erythrogaster

Swallow-tailed Kite
Elanoides forficatus

Turkey Vulture
Cathartes aura

N. Parula Warbler
Parula americana

Yellow-throated Warbler
Dendroica dominica

Kentucky Warbler
Oporornis formosus

Carolina Wren
Thryothorus ludovicianus

Beaver (tracks)
Castor canadensis

Bobcat (tracks)
Lynx rufus

Raccoon (tracks)
Procyon lotor

STATION FALLS/WALHALLA FISH HATCHERY

24, 25 April, 1982

The overnight meeting in Oconee County was very refreshing. We had fine weather on Saturday, with a drizzle all day Sunday. Fifty-five people took part. Station Falls was magnificent, as usual. Plenty of flowers were out. We took a close look at beaver ponds along the way. The trip to Walhalla National Fish Hatchery was special too. The lichens were spectacular, as was the cathedral-like hemlock/white pine forest.

Rudy E. Mancke, SCAN President

Location : Oconee County

FLORA

White Pine <i>Pinus strobus</i>	Witch-hazel <i>Hamamelis virginiana</i>	Trout Lily <i>Erythronium americanum</i>
E. Hemlock <i>Tsuga canadensis</i>	Buffalo Nut <i>Pyralia pubera</i>	White Clintonia <i>Clintonia umbellata</i>
Tuliptree <i>Liriodendron tulipifera</i>	Chokeberry <i>Sorbus a. arbutifolia</i>	False Hellebore <i>Veratrum sp.</i>
Slippery Elm <i>Ulmus rubra</i>	Sweetshrub <i>Calycanthus floridus</i>	Indian Cucumber Root <i>Medeola virginiana</i>
Sweet Birch <i>Betula lenta</i>	Pink Ladies' Slipper Orchid <i>Cypripedium acaule</i>	Catesby's Trillium <i>Trillium catesbaei</i>
Red Oak <i>Quercus r. rubra</i>	Showy Orchis <i>Orchis spectabilis</i>	Trillium <i>Trillium cuneatum</i>
Silverbell <i>Halesia carolina</i>	Downy Rattlesnake Plantain <i>Goodyera pubescens</i>	Trillium <i>Trillium erectum</i>
Fraser Magnolia <i>Magnolia fraseri</i>	Solomon's Seal <i>Polygonatum biflorum</i>	Bellwort <i>Uvularia perfoliata</i>
Pawpaw <i>Asimina triloba</i>	False Solomon's Seals <i>Smilacina racemosa</i>	Pennywort <i>Obolaria virginica</i>

STATION FALLS/WALHALLA FISH HATCHERY 1982

FLORA (Cont'd)

Acute-lobed Hepatica <i>Hepatica acutiloba</i>	Monkshood <i>Aconitum uncinatum</i>	Broad-leafed Beech Fern <i>Thelypteris hexagonoptera</i>
Devil's Bit <i>Chamaelirium luteum</i>	Stoneroot <i>Collinsonia verticillata</i>	New York Fern <i>Thelypteris noveboracensis</i>
Blue Stars <i>Amsonia tabernaemontana</i>	Wild Geranium <i>Geranium maculatum</i>	Walkin Fern <i>Asplenium rhizophyllum</i>
Foam Flower <i>Tiarella cordifolia</i>	Birdsfoot Violet <i>Viola pedata</i>	Cinnamon Fern <i>Osmunda cinnamomea</i>
Golden Alexander <i>Zizia aurea</i>	Canada Violet <i>Viola canadensis</i>	Maidenhair Fern <i>Adiantum pedatum</i>
Dwarf Iris <i>Iris verna</i>	Halberd-leafed Violet <i>Viola hastata</i>	Devil's Urn <i>Urnula craterium</i>
Galax <i>Galax aphylla</i>	Rattlesnake Master <i>Eryngium yuccifolium</i>	Yellow Morel <i>Morchella esculenta</i>
Oconee Bells <i>Shortia galacifolia</i>	Rattlesnake Weed <i>Hieracium venosum</i>	Lungwort Lichen <i>Lobaria pulmonaria</i>
Star Chickweed <i>Stellaria pubera</i>	Poor Robin's Plantain <i>Eriogonum pulchellus</i>	Lichen <i>Pseudevernia consocians</i>
Phlox <i>Phlox amoena</i>	Green and Gold <i>Chrysogonum virginianum</i>	

FAUNA

Red-banded Hairstreak <i>Calycopis cecrops</i>	Spicebush Swallowtail <i>Pterourus (Papilio) troilus</i>	Witch-hazel Leaf-roller <i>Cacoecia rosaceana</i>
E. Tailed Blue <i>Evers c. comyntas</i>	Zebra Swallowtail <i>Eurytides (Graphium) marcel-lus</i>	Chinese Mantid (egg case) <i>Tenodera aridifolia</i>
Red Admiral <i>Vanessa atalanta</i>	Silver-spotted Skipper <i>Epargyreus clerus</i>	Wood Beetle <i>Odontotaenius disjunctus</i>
Pearl Crescent <i>Phyciodes t. tharos</i>	Promethea Moth (cocoon) <i>Callosamia promethea</i>	Twig-girdler Beetle <i>Oncidodes cingulata</i>
Tiger Swallowtail <i>Pterourus (Papilio) glaucus</i>	Mournful Thyris <i>Thyris lugubris</i>	Alder Leaf Beetle <i>Lina interrupta</i>

FAUNA (Cont'd)

Organ-pipe Wasp
Trypoxylon politum

Woolly Aphid
Prociphilus tessellata

Dragonfly
Gomphus lividus

Dragonfly
Basiaeschna janata

Dragonfly
Tetragoneuria cynosura

Green Darner
Anax junius

Little Corporal
Ladona deplanata

Bowl & Dolly Spider
Frontinella pyramitella

Long-jawed Orb Weaver
Tetragnatha sp.

Disk Cannibal Snail
Haplotrema concavum

Ferguson's Forest Snail
Anguispira fergusonii

E. Gray Squirrel
Sciurus carolinensis

Beaver
Castor canadensis

Opossum
Didelphis marsupialis

Pileated Woodpecker
Dryocopus pileatus

Blue-gray Gnatcatcher
Polioptila caerulea

Am. Gold Finch
Carduelis tristis

Belted Kingfisher
Megascops alcyon

Carolina Chickadee
Parus carolinensis

N. Water Snake
Nerodia (Natrix) sipedon

N. Dusky Salamander
Desmognathus f. fuscus

N. Cricket Frog
Acris c. crepitans

Grey Treefrog
Hyla chrysoscelis (?)

Bullfrog
Rana catesbeiana



LANDSFORD CANAL STATE PARK

22 May 1982

The trip to Landsford Canal was one of our very best. Thirty-five people took part. A couple of members picked up eastern box turtles on the way to the meeting. Butterflies and dragonflies flew by all day. We got to see a few snakes and some interesting birds. It was the plants, though, that stole the show. We saw everything from a fungus that lives on scarab beetle larvae to columbine in flower. Fire pink flowers were spectacular. There seemed to be surprises around each bend. The species lists that follow point out the diversity of organisms we saw. The rocky Catawba River was refreshing.

Rudy E. Mancke, SCAN President

Location: Chester County

FLORA

Black Locust
Robinia pseudo-acacia

Honey Locust
Gleditsia triacanthos

Sugarberry
Celtis laevigata

Hackberry
Celtis occidentalis var. *georgiana*

River Birch
Betula nigra

Am. Beech
Fagus grandifolia

Slippery Elm
Ulmus rubra

Winged Elm
Ulmus alata

Silverbell
Halesia carolina

Buckeye
Aesculus sylvatica

Redbud
Cercis canadensis

Black Walnut
Juglans nigra

Box Elder
Acer negundo

Dogwood
Cornus amomum

Red Mulberry
Morus rubra

Hazelnut
Corylus americana

Spicebush
Lindera benzoin

Holly
Ilex ambigua var. *montana*

Spiderwort
Tradescantia virginiana

Partridge-berry
Mitchella repens

Chinese Lantern
Physalis v. virginiana

Mayapple
Podophyllum peltatum

Houstonia
Houstonia purpurea

Squawroot
Conopholis americana

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Bedstraws
Galium aparine

Solomon's Seals
Polygonatum biflorum

Columbine
Aquilegia canadensis

Fire Pink
Silene virginica

Stonecrop
Sedum tetatum

Yellow Passionflower
Passiflora lutea

Grass
Microstegium vimineum

Horsetails
Equisetum hyemale var. *affine*

Rattlesnake Fern
Botrychium virginianum

Tree Ear Fungus
Auricularia auricula

Beetle Cordyceps
Cordyceps melolonthae

Clublike Tuning Fork
Calocera comea

Cornucopia Oyster
Pleurotus sapidus

Spring Polypore
Polyporus arcularius

FAUNA

Blackwing Damselfly
Calopteryx maculatus

Whitetail Dragonfly
Plathemis lydia

Dragonfly
Gomphus lividus

Dragonfly
Didymops transversa

Dragonfly
Basiaeschna janata

Fishfly
Nigronia (Chauliodes) lunatus

Mourning Cloak
Nymphalis a. antiopa

Am. Painted Lady
Cynthia (Vanessa) virginiensis

Creole Pearly Eye
Lethe creola

Hackberry Butterfly
Asterocampa c. celtis

Red-spotted Purple
Limenitis a. astyanax

Hoary-edge Skipper
Achalarus lyclades

Silver-spotted Skipper
Epargyreus c. clarus

E. Tailed Blue
Evers c. comyntas

Pearl Crescent
Phyciodes t. tharos

Spicebush Swallowtail
Pterourus (Papilio) troilus

Grape-leaf Folder Moth
Desmia funeralis

Moth
Xanthotype crocatoria

Lichen Moth
Lycomorpha pholus

Spotted Cucumber Beetle
Diabrotica undecimpunctata howardi

Caterpillar Hunter Beetle
Calosoma scrutator

Twig-girdler Beetle
Oncideres cingulata

Organ-pipe Wasp
Trypoxylon politum

Shield-back Katydid
Aftianthus sp.

Filmy-dome Spider
Prolinyphia marginata

Bowl and Dolly Spider
Frontinella pyramitella

Fisher Spider
Dolomedes tenebrosus

Fowler's Toad
Bufo woodhousei fowleri

E. Box Turtle
Terrapene c. carolina

N. Black Racer
Coluber c. constrictor

FAUNA (Cont'd)

Brown Kingsnake
Lampropeltis calligaster
rhombomaculata

E. Kingsnake
Lampropeltis g. getulus

Ground Skink
Scincella lateralis

Yellow-billed Cuckoo
Coccyzus americanus

Red-eyed Vireo
Vireo olivaceus

Red-bellied Woodpecker
Melanerpes carolinus

Prothonotary Warbler
Protonotaria citrea

DEAD ON THE ROAD

Corn Snake
Elaphe g. guttata

Chuck-wills-widow
Caprimulgus carolinensis

Black Rat Snake
Elaphe o. obsoleta



FRANCIS MARION NATIONAL FOREST

19 June 1982

The trip to Francis Marion National Forest was especially nice. Forty members met at Huger Boat Landing. A heavy rain the day before had caused Huger Creek to overflow, forcing a number of ground-dwelling animals to climb up this plant or that to get out of the water. That allowed us to see many species we would have missed otherwise. After exploring the creek, we drove to visit a low area with pitcher plants galore, a Red-cockaded Woodpecker nest area, and finally a Carolina bay. The species lists that follow will give you a glimpse of what we saw. It's hard to conceive of a more productive day. We want to thank Russell Tyler of the U.S. Forest Service for his assistance. Margaret Weeks of SCAN was instrumental in planning this outing. We appreciate her help.

Rudy E. Mancke, SCAN President

Location: Berkeley County

FLORA

Virginia Chain Fern
Woodwardia virginica

Marsh Fern
Thelypteris palustris

Resurrection Fern
Polypodium polypodioides

Foxtail Clubmoss
Lycopodium alopecuroides

Trumpet Pitcher Plant
Sarracenia flava

Hooded Pitcher Plant
Sarracenia minor

Sundew
Drosera capillaris

Bladderwort
Utricularia sp.

Buchnera
Buchnera floridana

Supplejack
Berchemia scandens

Angle-pod
Matelea gonocarpa

Peppervine
Ampelopsis arborea

Water Hemlock
Cicuta maculata

Water pimpernel
Samolus parviflorus

Leadplant
Amorpha herbacea

Orange Milkwort
Polygala lutea

Pine-barren Milkwort
Polygala cymosa

Sabatia
Sabatia quadrangula

Centella
Centella asiatica

Grass Pink
Calopogon pulchellus

Pencil Flower
Stylosanthes biflora

Rattlebox
Crotalaria angulata

Bog Buttons
Lachnocaulon anceps

Psoralea
Psoralea psoralioides

FLORA (Cont'd)

Redroot <i>Lachnanthes caroliniana</i>	Water Hickory <i>Carya aquatica</i>	Am. Beech <i>Fagus grandifolia</i>
Blackroot <i>Pterocaulon pycnostachyum</i>	Pond Cypress <i>Taxodium ascendens</i>	S. Red Oak <i>Quercus falcata</i>
Lobelia <i>Lobelia nuttallii</i>	Swamp Tupelo <i>Nyssa sylvatica</i> var. <i>biflora</i>	Red Mulberry <i>Morus rubra</i>
Dollar-weed <i>Rhynchosia reniformis</i>	Zenobia <i>Zenobia pulverulenta</i>	

FAUNA

Carion Beetle <i>Sitona americana</i>	Dragonfly <i>Libellula semifasciata</i>	Carolina Satyr <i>Euptychia hermes sosybia</i>
Ground Beetle <i>Scarites subterraneus</i>	Dragonfly <i>Libellula vibrans</i>	Bella (Rattlebox) Moth <i>Utetheisa bella</i>
Swamp Milkweed Beetle <i>Labidomera clavicollis</i>	Dragonfly <i>Celithemis eponina</i>	S. Toad <i>Bufo terrestris</i>
Metallic Wood Borer Beetle <i>Dicerca tuberculata</i>	Pipevine Swallowtail <i>Battus philenor</i>	Pinewoods Treefrog <i>Hyla femoralis</i>
Dragonfly <i>Epicordulia regina</i>	Tiger Swallowtail <i>Papilio (Pterourus) glaucus</i>	Marbled Salamander <i>Ambystoma opacum</i>
Dragonfly <i>Erythrodiplox miniscula</i>	Palamedes Swallowtail <i>Papilio (Pterourus) palamedes</i>	Dwarf Salamander <i>Eurycea quadridigitata</i>
Green Darner <i>Anax junius</i>	Spicebush Swallowtail <i>Papilio (Pterourus) troilus</i>	Green Anole <i>Anolis carolinensis</i>
Green Jacket <i>Erythemis simplicicollis</i>	Unicorn Caterpillar <i>Schizura unicornis</i>	Ground Skink <i>Scincella laterale</i>
Dragonfly <i>Pachydiplax longipennis</i>	Pearl Crescent <i>Phyciodes t. tharos</i>	Broad-headed Skink <i>Eumeces laticeps</i>
Dragonfly <i>Libellula axilena</i>	Cloudless Sulphur <i>Phoebis sennae eubule</i>	E. Mud Turtle <i>Kinostemon s. subrubrum</i>
Dragonfly <i>Libellula flavida</i>	S. Dogface <i>Colias (Zerene) cesonia</i>	E. Box Turtle <i>Terrapene c. carolina</i>

FAUNA (Cont'd)

Pileated Woodpecker
Dryocopus pileatus

Blue-gray Gnatcatcher
Polioptila caerulea

Brown-headed Nuthatch
Sitta pusilla

Red-headed Woodpecker
Melanerpes erythrocephalus

E. Bluebird
Sialia sialis

Red-cockaded Woodpecker
Picoides borealis

Brown-headed Cowbird
Molothrus ater



POINSETT STATE PARK

24 July 1982

The trip to Poinsett State Park was another good one. Forty people took part, under overcast skies. The clouds lowered the temperature somewhat, so our walk along the nature trail was pleasant. Lots of things caught our eyes. Coquina, a sedimentary rock composed of shell fragments, was seen along the way. We also saw outcrops of Fuller's earth, once mined in this area of the state. We sampled a variety of habitats, as is reflected in the lists that follow. As a note of interest, an eastern coral snake was collected at the park three weeks prior to our visit.

We need to catch up on two items. At Landsford Canal earlier this year, we saw large white flowers in the Catawba River, but never got close enough for an ID. They were spider-lilies (*Hymenocallis occidentalis*). The large dragonfly I kept missing there was a primitive species (*Tachopteryx thoreyi*). A nesting pair of scissor-tailed flycatchers (*Muscivora forficata*) was reported in upper Laurens County. This record was only the second or third nesting record east of the Mississippi River. The others were in Louisiana and possibly Illinois. This occurrence is so spectacular it's hard to put into words. We must all expect the unexpected. When it comes, we don't want to miss it!

Rudy E. Mancke, SCAN President

Location: Sumter County

FLORA

Netted Chain Fern
Woodwardia areolata

Cinnamon Fern
Osmunda cinnamomea

S. Lady Fern
Athyrium asplenoides

Resurrection Fern
Polypodium polypodioides

Trumpet Creeper
Anisostichus capreaeola

Climbing Hydrangea
Decumaria barbara

Peppervine
Ampelopsis arborea

Muscadine
Vitis rotundifolia

Wire plant
Stipulicida setacea

Spurge Nettle
Cnidoscolus stimulosus

Yellowroot
Xanthoxhiza simplicissima

Jewel Weed
Impatiens capensis

FLORA (Cont'd)

Crane-fly Orchid
Tipularia discolor

S. Rein Orchid
Habenaria flava

Trailing Arbutus
Epigaea repens

Houstonia
Houstonia purpurea

St. John's-Wort
Hypericum virginicum

Spanish Moss
Tillandsia usneoides

Bloodroot
Sanguinaria canadensis

Am. Holly
Ilex opaca

Inkberry
Ilex glabra

Mountain Laurel
Kalmia latifolia

Sweetshrub
Calycanthus floridus

Sourwood
Oxydendrum arboreum

Redbud
Cercis canadensis

Sassafras
Sassafras albidum

Sparkleberry
Vaccinium arboreum

Witch-hazel
Hamamelis virginiana

Laurel Cherry
Prunus caroliniana

Post Oak
Quercus stellata

White Oak
Quercus alba

S. Red Oak
Quercus falcata

Pepperbush
Clethra alnifolia

Beautyberry
Callicarpa americana

Chicken Mushroom
Laetiporus sulphureus

Mushroom
Craterellus comucopoides

Amanita
Amanita cokeri

Old-man-of-woods
Strombilomyces floccopus

Chanterelle
Cantharellus cibarius

Chocolate Tube Slime Mold
Stemonitis splendens

Carnival Candy Slime
Arctia denudata

Wolf's-milk Slime
Lycogala epidendrum

FAUNA

Dobsonfly
Corydalus cornutus

Dragonfly
Libellula incesta

Dragonfly
Libellula vibrans

Greenjacket
Erythemis simplicicollis

Toper
Sympetrum ambiguum

Blackwing Damselfly
Calopteryx maculatus

Twig-girdler Beetle
Oncideres cingulata

Beetle
Urolophus imberbis

Unicorn (Rhino) Beetle
Dynastes titus

Horsefly
Tabanus atratus

Sand Wasp
Bembix sp.

Velvet "Ant" (Wasp)
Dasymutilla sp.

Water Scorpion (eggs)
Ranatra sp.

Witch-hazel Cone Gail
Hormaphys hamamelidis

Witch-hazel Leaf-roller
Cacoecia rosaceana

FAUNA (Cont'd)

Luna Moth
Actias luna

Silver Arglope
Arglope argentata

Green Anole
Anolis carolinensis

Sweetheart Underwing Moth
Catocala amatrix

Spiny-bodied Spider
Gasteracantha cancriformis

S. Toad
Bufo terrestris

Spicebush Swallowtail
Papilio (Pterourus) troilus

Spiny-bodied Spider
Microthema gracilis

Green Heron
Butorides striatus

Red-spotted Purple
Limenitis a. astyanax

Arrowhead Spider
Microthema sagittata

Pileated Woodpecker
Dryocopus pileatus

Azure Blue
Celastrina a. Pseudargiolus

Orb Weaver
Araneus nordmanni (?)

White-eyed Vireo
Vireo griseus

Millipede
Sigmonia latior

Filmy-dome Spider
Prolinyphia marginata

Black-and-white Warbler
Mniotilta varia

Writing Spider
Argiope aurantia

Purse-web Spider
Atypus milberti

E. Gray Squirrel
Sciurus c. carolinensis



SOAPSTONE RIDGE

21 August 1982

Our trip to Soapstone Ridge in Spartanburg County was another good one. Thirty-two people were in attendance. The weather was pleasant and there were many things to see. I rolled over a dry pine log and discovered something I could have done without - a yellowjacket nest. The workers swarmed out to protect their home, and we all scrambled away. They left quite an impression on two of us. We found sphalerite and garnets in the path. Large boulders of soapstone outcropped along a sloping hillside toward the Pacolet River. We saw partially fashioned bowls sticking off of a few of these boulders. Early Carolinians, the Indians quarried soapstone here thousands of years ago. A Carolina Wren had built a nest in a hole on one of the boulders. We walked along the Pacolet River for awhile. The slopes there were covered with a diverse flora. The list of species that follows will give you a feeling for the place. The two caterpillars listed have already formed pupae. I'll let you know when the adults emerge.

Rudy E. Mancke, SCAN President

Location: Spartanburg County

FLORA

Shaggy-stalked Bolete
Boletellus betula

Straight-branched Coral
Mushroom
Ramaria stricta

Ground Cedar
Lycopodium flabelliforme

Grass
Paspalum floridanum

Lespedeza
Lespedeza cuneata

Pencil Flower
Stylosanthes biflora

Cardinal Flower
Lobelia cardinalis

Jewelweed
Impatiens capensis

Meadow Parsnip
Thaspium trifoliatum

Starry Campion
Silene stellata

Pale Indian-plantain
Cacalia atriplicifolia

Agrimony
Agrimonia pubescens

Indian Hemp
Apocynum cannabinum

Maple-leaved Viburnum
Viburnum acerifolium

Am. Beech
Fagus grandifolia

FLORA (Cont'd)

River Birch
Betula nigra

Winged Elm
Ulmus alata

Redbud
Cercis canadensis

Pawpaw
Asimina triloba

Dwarf Pawpaw
Asimina parvifolia

Flowering Dogwood
Cornus florida

Dogwood
Cornus amomum

Rhododendron
Rhododendron minus

Hackberry
Celtis o. var. georgiana

Sweetshrub
Calycanthus floridus

Bladdernut
Staphylea trifolia

Buckeye
Aesculus sylvatica

New Jersey Tea
Ceanothus americanus

Ebony Spleenwort
Asplenium platyneuron

S. Lady Fern
Athyrium asplenoides

Resurrection Fern
Polypodium polypodioides

Magnolia
Magnolia acuminata

FAUNA

Asiatic Clam
Corbicula fluminea

Filmy-dome Spider
Prolinyphia marginata

Spiny-bodied Spider
Micrathena gracilis

Wheelbug
Arilus cristatus

Cone-headed Katydid
Neoconocephalus velox

Fork-tailed Bush Katydid
Scudderella furcata

Sumac Gall Aphid
Melanaphis rhois

Woolly Aphid
Prociphilus sp.

Casebearer Moth
Coleophora octagonella

Luna Moth
Actias luna

Polypheumus Moth (caterpillar)
Antheraea polyphemus

Anguina Moth (caterpillar)
Dasylophia anguina

Monarch
Danaus p. plexippus

Tiger Swallowtail
Pterourus (Papilio) glaucus

Red-spotted Purple
Limenitis a. astyanax

Buckeye
Junonia c. coenia

Pearl Crescent
Phyciodes t. tharos

Silvery Checkerspot
Chlosyne nycteis

Harvester
Feniseca t. tarquinius

E. Tailed Blue
Evers c. comyntas

Dragonfly
Macromia georgina

Dragonfly
Erythemis simplicicollis

Yellow Jacket
Vespa sp.

Potter Wasp
Eumenes sp.

Twig-girdler Beetle
Oncideres cingulata

Japanese Beetle
Popillia japonica

Fowler's Toad
Bufo w. fowleri

FAUNA (Cont'd)

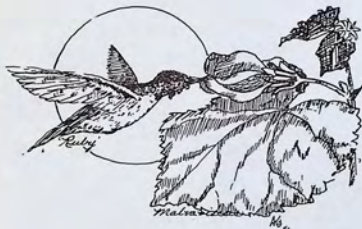
N. Fence Lizard
Sceloporus u. hyacinthinus

Rough Green Snake
Ophiodrys aestivus

Ruby-throated Hummingbird
Archilochus colubris

Six-lined Racerunner
Cnemidophorus s. sexlineatus

Broad-winged Hawk
Buteo platypterus



HUNTING ISLAND STATE PARK

18-19 September 1982

The trip to Hunting Island was delightful. We had 36 members in attendance. The morning was spent along a nature trail behind the dunes and on the open beach. The shelling wasn't good, but everything else was. In the afternoon, we walked through maritime forest to a lagoon and back. Golden-silk spiders were all over the woods. Butterflies kept flying by. Two rare species, known only from the lower tip of the state, were seen--the Zebra Longwing and the E. Pygmy Blue. The night walk was very successful. Ghost crabs were common on the beach. The spiders took on a new look as we highlighted them with our flashlights. Frogs were all along the trail. On Sunday, we explored the south end of the island and walked the marsh boardwalk there. Everywhere we went, there was so much to see. One special find in the marsh was *Iresine Rhizomatosa*, a plant uncommonly seen in South Carolina.

Rudy E. Mancke, SCAN President

Location: Beaufort County

FLORA

Mosquito Fern
Azolla caroliniana

Longleaf Pine
Pinus palustris

S. Red Cedar
Juniperus silicicola

Sea Oats
Uniola paniculata

Crowfoot Grass
Dactyloctenium aegyptium

Cord Grass
Spartina patens

Cord Grass
Spartina alterniflora

Foxtail Grass
Setaria geniculata

Sand Spurs
Cenchrus tribuloides

White-bracted Sedge
Dichromena latifolia

Saw Palmetto
Serenoa repens

Cabbage Palmetto
Sabal palmetto

Dwarf Palmetto
Sabal minor

Swamp Willow
Salix caroliniana

Wax Myrtle
Myrica cerifera

Live Oak
Quercus virginiana

Seabeach Orach
Atriplex arenaria

Orach
Atriplex patula

Glasswort
Salicornia bigelovii

Suaeda
Suaeda linearis

Russian Thistle
Salsola kali

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Iresine <i>Iresine rhizomatosa</i>	Yaupon <i>Ilex vomitoria</i>	Creeping Cucumber <i>Melothria pendula</i>
Cottonweed <i>Froelichia floridana</i>	Seashore Mallow <i>Kosteletskyia virginica</i>	Marsh Elder <i>Iva imbricata</i>
Magnolia <i>Magnolia grandiflora</i>	Seedbox <i>Ludwigia alternifolia</i>	Marsh Elder <i>Iva frutescens</i>
Red Bay <i>Persea borbonia</i>	Sea Lavender <i>Limonium nashii</i>	Blazing Stars <i>Liatris elegans</i>
Sea Rocket <i>Cakile harperi</i>	Cynanchum <i>Cynanchum palustre</i>	Marsh Fleabane <i>Pluchea purpurascens</i>
Bladderpod <i>Glottidium vesicarium</i>	Verbena <i>Verbena scabra</i>	Climbing Hempweed <i>Mikania scandens</i>
Indigo <i>Indigofera caroliniana</i>	Fog Fruit <i>Lippia nodiflora</i>	Climbing Buckwheat <i>Polygonum scandens</i>
Coral Bean <i>Erythrina herbacea</i>	Beautyberry <i>Callicarpa americana</i>	Sea-oxeye <i>Borrichia frutescens</i>
Butterfly Pea <i>Centrosema virginianum</i>	Dotted Horsemint <i>Monarda punctata</i>	Columned Stinkhorn <i>Clathrus columnatus</i>
Beach Pea <i>Strophostyles helvola</i>	Bluecurls <i>Trichostema dichotomum</i>	Coker's Amanita <i>Amanita cokeri</i>
Prickly Ash (Tooth-ache Tree) <i>Zanthoxylum clava-herculis</i>	Bacopa <i>Bacopa monnieri</i>	Tree-ear <i>Auricularia auricula</i>
Croton <i>Croton glandulosus</i>	False Foxglove <i>Aureolaria flava</i>	Red-belted Polypore <i>Fomitopsis pinicola</i>
Spurge <i>Euphorbia polygonifolia</i>	Oldenlandia <i>Oldenlandia uniflora</i>	

FAUNA

Zebra <i>Heliconius c. tuckeri</i>	Buckeye <i>Junonia c. coenia</i>	Monarch <i>Danatus p. plexippus</i>
Gulf Fritillary <i>Agraulis v. nigrior</i>	Palamedes Swallowtail <i>Papilio palamedes</i>	Viceroy <i>Limenitis a. archippus</i>

FAUNA (Cont'd)

Cloudless Sulphur <i>Phoebis s. eubule</i>	Dragonfly <i>Epiaschna heros</i>	Speckled Crab <i>Arenaeus cribrarius</i>
Sleepy Orange <i>Eurema nicippe</i>	Dragonfly <i>Anax junius</i>	Lady Crab <i>Ovalipes ocellatus</i>
Gray Hairstreak <i>Strymon m. melinus</i>	Pygmy Grasshopper <i>Paratettix cuculatus</i>	Fiddler Crab <i>Uca pugilator</i>
Carolina Satyr <i>Euptychia h. sosybia</i>	Carolina Mantid <i>Stegmomantis carolina</i>	Whip Coral <i>Leptogorgia virgulata</i>
E. Pygmy Blue <i>Brephidium l. pseudofea</i>	Thread-legged Bug <i>Emesa longipes</i>	Sea Pansy <i>Renilla reniformis</i>
Long-tailed Skipper <i>Urbanus proteus</i>	Darkling Beetle <i>Alobates pennsylvanica</i>	Trumpet Worm <i>Pectinaria gouldii</i>
Tersa Sphinx Moth <i>Xylophanes tersa</i>	Beetle <i>Euphoria sepulchralis</i>	Plumed Worm <i>Diopatra cuprea</i>
Moth (cocoon) <i>Tolype vellada</i>	Lightning Beetle <i>Photuris pennsylvanica</i>	Mud Snail <i>Nassarius obsoletus</i>
Red-humped Caterpillar <i>Schizura concinna</i>	Golden-silk Spider <i>Nephila clavipes</i>	S. Toad <i>Bufo terrestris</i>
Dragonfly <i>Pachydiplax longipennis</i>	Spider (in <i>Nephila</i> web) <i>Argyrodes nephila</i>	E. Narrow-mouthed Toad <i>Gastrophryne carolinensis</i>
Globetrotter <i>Pantala flavescens</i>	Writing Spider <i>Argiope aurantia</i>	S. Leopard Frog <i>Rana sphenoccephala</i>
Greenjacket <i>Erythemis simplicicollis</i>	Spiny-bodied Spider <i>Microthema gracilis</i>	Green Tree Frog <i>Hyla cinerea</i>
Dragonfly <i>Brachymesia gravida</i>	Orchard Spider <i>Leucauge venusta</i>	Squirrel Tree Frog <i>Hyla squirella</i>
Dragonfly <i>Libellula vibrans</i>	Horseshoe Crab <i>Limulus polyphemus</i>	Green Anole <i>Anolis carolinensis</i>
Dragonfly <i>Erythrodiplax berenice</i>	Ghost Crab <i>Ocypode quadrata</i>	Six-lined Racerunner <i>Cnemidophorus s. sexlineatus</i>
Saddlebags Dragonfly <i>Tramea carolina</i>	Blue Crab <i>Callinectes sapidus</i>	S. Black Racer <i>Coluber c. priapus</i>

FAUNA (Cont'd)

Greenish Rat Snake
Elaphe obsoleta sp.

Brown Pelican
Pelecanus occidentalis

Belted Kingfisher
Megasceryle alcyon

Snowy Egret
Egretta thula

Black Skimmer
Rhynchops niger

Red-tailed Hawk
Buteo jamaicensis

Osprey
Pandion haliaetus

Green Heron
Butorides striatus

Boat-tailed Grackle
Quiscalus major

Summer Tanager
Piranga rubra

Palm Warbler
Dendroica palmarum



RAVEN CLIFF FALLS

23 October 1982

The Raven Cliff Falls trip was spectacular. Fall colors were shining. A crisp breeze was blowing. We had 45 people in attendance. Witch-hazel flowers were showing. Claire Avedesian picked a ball of plant material out of a mountain laurel shrub and was surprised to see a golden mouse pop out and hurry away. We found four species of clubmoss and lichens galore. Garnets were collected by the handfuls from decaying schists near the falls. This place is special any season of the year.

Rudy E. Mancke, SCAN President

Location: Greenville County

FLORA

Shining Clubmoss <i>Lycopodium lucidulum</i>	Carion-flower <i>Smilax ecirrhata</i>	Black Locust <i>Robinia pseudo-acacia</i>
Ground Pine <i>Lycopodium Flabelliforme</i>	Bellwort <i>Uvularia pudica</i>	Polygala <i>Polygala curtissii</i>
Ground Pine <i>Lycopodium obscurum</i>	Wild Yam <i>Dioscorea villosa</i>	Basswood <i>Tilia caroliniana</i>
Rock Clubmoss <i>Lycopodium porophyllum</i>	Downy Rattlesnake Plantain <i>Goodyera pubescens</i>	Sweet Pepperbush <i>Clethra acuminata</i>
Hay-scented Fern <i>Dennstaedtia punctilobula</i>	Crane-fly Orchid <i>Tipularia discolor</i>	Indian Pipes <i>Monotropa uniflora</i>
Rock Cap Fern <i>Polypodium virginianum</i>	Autumn Coral-root <i>Corallorhiza odontorhiza</i>	Pine Sap <i>Monotropa hypopithys</i>
New York Fern <i>Thelypteris noveboracensis</i>	Alder <i>Alnus serrulata</i>	Great Laurel <i>Rhododendron maximum</i>
White Pine <i>Pinus strobus</i>	Witch-hazel <i>Hamamelis virginiana</i>	Rhododendron <i>Rhododendron minus</i>
E. Hemlock <i>Tsuga canadensis</i>	Goat's-beard <i>Aruncus dioicus</i>	Huckleberry <i>Gaylussacia ursina</i>

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Gentian
Gentiana decora

Gentian
Gentiana quinquefolia

Phlox
Phlox carolina

Bluebells
Campanula divaricata

Lichen
Parmelia reticulata

Sweet Birch
Betula lenta

American Chestnut
Castanea dentata

Chestnut Oak
Quercus prinus

Buffalo Nut
Pyralaria pubera

Fraser Magnolia
Magnolia fraseri

False Turkeytails
Stereum ostrea

Lichen
Anzia calypodes

Rock Tripe
Umbilicaria papulosa

Puffball
Scleroderma geaster

Puffball-In-aspic
Calostoma cinnabarina

Barometer Earthstar
Astraeus hygrometricus

FAUNA

Alder Blight Aphid
Prociphilus tessellata

Southern Green Stinkbug
Nezara viridula

Huckleberry Gall Wasp
Hemadas nubilipennis

Ground Beetle
Sphaeroderus lecontei

Twig-girdler Beetle
Oncideres cingulata

American Dagger Moth
Acronicta americana

Katydid
Amblycorypha floridana

Disk Cannibal Snail
Haplotrema concavum

Bull Frog
Rana catesbeiana

Golden Mouse
Ochrotomys nuttalli



SANTÉE NATIONAL WILDLIFE REFUGE

4 December 1982

The fieldtrip to Santee National Wildlife Refuge attracted 50 people on what turned out to be a warm day. We saw lots of birds and butterflies along with a gorgeous orchid. The road was paved with fossiliferous limestone and quite a few sea urchin, sanddollar, bryozoan, and shell fossils turned up. A few fossilized crab carapaces were found too. We set up mist nets and later banded small birds captured in them. Seeing those feathered creatures alive in hand gives a special meaning to the phrase "a bird in the hand is worth two in the bush." We want to thank Vicki and Chip Grafe for their help. They invited us to use the facilities at the refuge whenever we can. The refuge phone is 478-2217. The address is Santee NWR, Route 2, Box 66, Summerton, SC, 29148. Wildlife Refuges are not just for canada geese, orchids, and alligators. They are for people too. Let's take advantage of the opportunities here.

Rudy E. Mancke, SCAN President

Location: Clarendon County

FLORA

Groundsel Tree
Baccharis halimifolia

Waxmyrtle
Myrica cerifera

Buttonbush
Cephalanthus occidentalis

Bladderpod
Glottidium vesicarium

American Lotus
Nelumbo lutea

Sickiepod
Cassia fasciculata

Crossvine
Anisostichus capreolata

Turkeytails Mushroom
Trametes (Polyporus) versicolor

Henbit
Lamium amplexicaule

Ground Cherry
Physalis angulata

Eclipta
Eclipta alba

Rattlebox
Crotalaria spectabilis

Southern Wild Rice
Zizaniopsis miliacea

Ammannia
Ammannia coccinea

Water-spider Orchid
Habenaria repens

SCAN: THE FIRST TEN YEARS

FAUNA

European Cabbage Butterfly <i>Pieris rapae</i>	Silver-spotted Skipper <i>Euphydryas c. clarus</i>	American Coot <i>Fulica americana</i>
Sleepy orange <i>Eurema nicippe</i>	Checkered Skipper <i>Pyrgus c. communis</i>	Killdeer <i>Charadrius vociferus</i>
Little Sulphur <i>Eurema lisa</i>	Isabella Moth <i>Isia isabella</i>	Belted Kingfisher <i>Megasceryle alcyon</i>
Orange Alfalfa Butterfly <i>Colias eurytheme</i>	Rattlebox Moth <i>Utethesia bella</i>	Yellow-bellied Sapsucker <i>Sphyrapicus varius</i>
Cloudless Sulfur <i>Phoebis sennae eubule</i>	Toper Dragonfly <i>Sympetrum ambiguum</i>	Downy Woodpecker <i>Picoides pubescens</i>
Buckeye <i>Junonia c. coenia</i>	Carolina Mantid (egg case) <i>Stagmomantis carolina</i>	Eastern Phoebe <i>Sayornis phoebe</i>
American Painted Lady <i>Cynthia (Vanessa) virginensis</i>	Cattail Toothpick Grasshopper <i>Leptysma marginicollis</i>	Golden-crowned Kinglet <i>Regulus satrapa</i>
Marsh Rabbit (skull) <i>Sylvilagus p. palustris</i>	Leaf-footed Bug <i>Leptoglossus phyllopus</i>	Carolina Chickadee <i>Parus carolinensis</i>
Anhinga <i>Anhinga anhinga</i>	Spotted Cucumber Beetle <i>Diabrotica undecimpunctata howardi</i>	Tufted Titmouse <i>Parus bicolor</i>
Great Blue Heron <i>Ardea herodias</i>	Writing Spider <i>Argiope aurantia</i>	House Wren <i>Troglodytes aedon</i>
Great Egret <i>Casmerodius albus</i>	Orchard Spider <i>Leucauge venusta</i>	Cedar Waxwing <i>Bombycilla cedrorum</i>
Canada Goose <i>Branta canadensis</i>	Banded Water Snake <i>Nerodia f. fasciata</i>	Swamp Sparrow <i>Melospiza georgiana</i>
Snow Goose <i>Chen caerulescens</i>	Copperhead <i>Agkistrodon contortrix</i>	Savannah Sparrow <i>Passerculus sandwichensis</i>
Marsh Hawk <i>Circus cyaneus</i>	Bobcat (scat) <i>Lynx rufus floridanus</i>	Junco <i>Junco hyemalis</i>
Gulf Fritillary <i>Agraulis vanillae nigrilor</i>	American Kestrel <i>Falco sparverius</i>	American Goldfinch <i>Carduelis tristis</i>
Monarch <i>Danaus p. plexippus</i>	White Ibis <i>Eudocimus albus</i>	
Long-tailed Skipper <i>Urbanus proteus</i>		

1983 FIELD TRIP LIST

DATE	SITE VISITED	COUNTY	PAGE
14 Jan 83	No Meeting		
Feb 83	Annual Meeting	Richland	II-203
26 Feb 83	Myrtle Beach Farms	Horry	II-205
19 Mar 83	Silver Bluff Plantation	Aiken	II-207
16-17 Apr 83	Table Rock SP/Wildcat Wayside	Pickens/ Greenville	II-210
21 May 83	Peach Tree Rock	Lexington	II-213
18 Jun 83	Black River	Williams- burg	II-215
23 Jul 83	Paris Mountain SP	Greenville	II-218
20 Aug 83	Givhan's Ferry SP	Dorchester	II-223
24, 25 Sep 83	Edisto Island	Charleston	II-227
22 Oct 83	Burrell's Ford	Oconee	II-233
19 Nov 83	Brookgreen Gardens	Georgetown	II-237
10 Dec 83	Santee NWR	Clarendon	II-240

ANNUAL MEETING

14 February 1983

Our thanks to Jami Bennett for use of the Criminal Justice Hall of Fame for our January business meeting. This meeting represents a milestone in the history of SCAN.

The Board of Directors has been elected according to the by-laws and is ready to begin yet another outstanding year. The elected officers are as follows:

Officers

President - Charles Lewis
 Vice-President - Lynn Smith
 Secretary - Claire Avedisian
 Treasurer - Roy Frierson
 Parliamentarian - Dick Sharpe

Regional Directors

North West - Danny Smith
 North East - Walter Simons
 South East - Margaret Wren
 South West - Decanie Dowling

As I mentioned in January, I will be assuming the role of President, not to fill Rudy's shoes, but to relieve him of some of the administrative responsibilities so that he may devote more time to field trips and related functions. As President Emeritus, Rudy will be alongside to give counsel whenever needed.

Following is a list of dates for 1983 field trips. Locations will be decided later as our regional directors assume their duties.

26 February	Myrtle Beach Farms	20 August
19 March	Silver Bluff (Aiken County)	24-25 September
16-17 April	Table Rock	22 October
21 May		19 November
18 June		10 December
23 July		28 January 1984 (Business)

Margaret Wren has obtained permission for SCAN to visit Myrtle Beach Farms on February 26. (See map.) Meet at the parking lot of the Career

SCAN: THE FIRST TEN YEARS

Center on 79th Avenue North. We will leave from there at 10:30. Come prepared for rain, snow, drought, famine, plague, and FOSSILS! (Bring digging tools). Bill DeSousa will be our contact person for this trip. Don't forget to bring your lunch, also.

Cabins and camping are available at Myrtle Beach State Park, about 5 miles from our meeting site, and also at Huntington Beach, about 25 miles away. Several commercial campgrounds are also nearby. There are no "facilities" at our meeting location. At the intersection of Business 17 and 62nd Ave. N., there are service stations and fast-food restaurants.

Books of interest in the field of natural history and related areas will be mentioned in future newsletters. If you have books in your collection that will be of interest, please share them with us through the newsletter.

PEOPLE OF THE LAKE, by Richard Leakey and Roger Lewin (Avon, 1979) gives an interesting account of the archaeological findings at Lake Turkana. The discovery of the homonid *Homo Habilis* is described by Richard Leakey, son of L.S.B. Leakey.

LIFE AND DEATH OF A SALT MARSH, by John and Margaret Teal (Ballentine 1975), describes the beauty and delicate nature of the ecosystem supported by the salt marshes along the east coast of the U.S. It also makes clear that man is rapidly changing the appearance of this important resource.

This newsletter is being sent to all persons who were on last year's mailing list. If you have not paid your dues for 1983, and you plan to continue your membership, please send in your dues by March 1, 1983. The next newsletter will be sent only to those persons who have paid 1983 dues. When you send in your dues, please note on the check who the dues are for (some spouses sign checks and we don't know which party is joining us). In the early planning stages are workshops for late spring and early summer. If you have any ideas, please pass them along.

"Be ye lamps unto yourselves - the will to master the will."

Guatama Siddhartha

Charles Lewis, SCAN President

MYRTLE BEACH FARMS

26 February 1983

The February trip proved to be cold and windy. However, the day was otherwise clear and a good time to dig fossils. Would that I had found the sloth tooth! Sixty-one people showed up and everyone seemed to have an enjoyable day. We are indebted to the Myrtle Beach Farms Company for allowing us access to the property.

Charles Lewis, SCAN President

Location: Horry County

FLORA

Tansy Mustard
Descurainia brachycan

Wax Myrtle
Myrica cerifera

Stalked Puffball
Tulostoma sp.

Bladderpod
Glottidium vesicarium

Groundsel
Baccharis halimifolia

FAUNA

Thorny Slipper Shell
Crepidula aculeata

Dwarf Olive
Olivella sp.

Tagelus
Tagelus gibbus

Top Shell
Callistoma sp.

Keyhole Limpet
Diodora sp.

Hard-shelled Clam
Mercenaria campechiensis

Cup-and-Saucer Limpet
Crucibulum sp.

Volute
Scaphella sp.

Oyster
Ostrea sculpturata

Steam's Cone Shell
Conus steamsi

Moon Snail
Polinices sp.

Cross-barred Chione
Chione cancellata

Marginella
Marginella sp.

Turret Shell
Turrtella sp.

Broad-ribbed Chione
Chione latirrata

Baby Ear
Sinum perspectivum

Murex
Murex sp.

Mottled Chione
Chione intepurpurea

Lettered Olive
Oliva sayana

Wedge Rangia
Rangia cuneata

White Semele
Semele sp.

FAUNA (Cont'd)

Crosshatched Lucine
Divaricella quadrisulcata

Jewelbox
Chama sp.

Broad-ribbed Cardita
Cardita arata

Scallop
Pecten sp.

Ark
Anadara lienosa

Ark
Anadara sp.

American Bittersweet
Glycymeris aratus

Surf Clam
Spisula sp.

Flat Cardita
Venericardia perplana

Gibb's Clam
Eucassatella speciosa

Jingle Shell
Anomia sp.

Tiger Shark
Galeocerdo sp.

Sand Shark
Odontaspis sp.

Sand Dollar
Encope sp.

Yellow-bellied turtle
Chrysemys s. scripta

Green Anole
Anolis c. carolinensis

Am. Kestrel
Falco sparverius

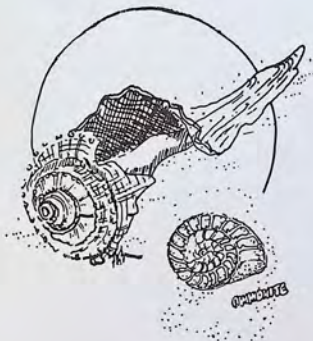
Turkey Vulture
Cathartes aura

Barnacles

Bryozoans

Star Coral

Sloth Tooth



SILVER BLUFF PLANTATION SANCTUARY

19 March 1983

Our thanks to Mr. Dan Connelly, Manager, for a delightful day at Silver Bluff Estates Sanctuary on March 19. Fifty-three members turned out to take advantage of the warm weather -- as did several butterflies, dragonflies, snakes, and frogs.

Charles Lewis, SCAN President

Location: Aiken County

FLORA

Ebony Spleenwort
Asplenium platyneuron

Loblolly Pine
Pinus taeda

Longleaf Pine
Pinus palustris

Wood Rush
Luzula sp.

Wild Yam
Dioscorea villosa

Mockernut Hickory
Carya tomentosa

Bitternut Hickory
Carya cordiformis

American Hornbeam
Carya cordiformis

American Beech
Fagus grandifolia

Osage Orange
Maclura pomifera

Pearlwort
Sagina decumbens

Bloodwort
Sanguinaria canadensis

Yellow Corydalis
Corydalis flavula

Wild Radish
Raphanus raphanistrum

Mouse-ear Cress
Arabis thaliana

Indian Strawberry
Duchesnea indica

Redbud
Cercis canadensis

Laurel Cherry
Prunus caroliniana

Black Locust
Robinia pseudo-acacia

Boxelder
Acer rubrum

Silver Maple
Acer saccharinum

Red Buckeye
Aesculus Pavia

Violet
Viola rafinesqui

Prickly Pear
Opuntia compressa

Yellow Jessamine
Gelsemium sempervirens

Toadflax
Linaria canadensis

Swamp Privet
Forestiera acuminata

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Lousewort
Pedicularis canadensis

Forget-me-not
Myosotis verna

Bluets
Houstonia pusilla

Carbon Balls
Daldinia concentrica

Ruddy Panus
Panus rudis

Barometer Earthstar
Astraeus hygrometricus

Earthstar Scleroderma
Scleroderma geaster

FAUNA

European Cabbage Butterfly
Pieris rapae

Sleepy Orange
Eurema nicippe

E. Tailed Blue
Everes c. comyntas

Snout Butterfly
Libytheana bachmanii

Mourning Cloak
Nymphalis a. antiopa

American Painted Lady
Cynthia virginensis

Great Purple Hairstreak
Atides halesus

Falcate Orange
Anthocharis midea

Tiger Swallowtail
Pterus (Papilio) glaucus

Spicebush Swallowtail
Pterourus (Papilio) troilus

Silver-spotted Skipper
Epagyreus c. clarus

Moth
Psychomotpha epimenis

Moth
Drepana arcuata

Moth
Homoptera cingulifera

Twig-girdler Beetle
Oncideres cingulata

Blister Beetle
Lytta aenea

Dung Beetle
Onthophagus hecate

Dung Beetle
Onthophagus pennsylvanicus

Scarab Beetle
Ataenius strigatus

Carolina Mantid (egg case)
Stagmomantis carolina

Dragonfly
Basiaeschna janata

Dragonfly
Tetragoneuria cynosura

Filmy-dome Spider
Prolinyphia marginata

Bowl-and-doily Spider
Frontinella pyramitella

Spider (egg mass)
Philodromus sp.

Hopeton Forest Snail
Triodopsis hopetonensis

Common White-lipped Forest
Snail
Mesodon thyroidus

N. Spring Peeper
Hyla c. crucifer

Gray Tree Frog
Hyla chrysoscelis

Green Tree Frog
Anolis c. carolinensis

E. Mud Turtle
Kinostemon s. subrubrum

E. Box Turtle
Terrapene c. carolina

Black Racer
Coluber constrictor

Corn Snake
Elaphe g. guttata

Marsh Hawk
Circus cyaneus

Black Vulture
Coragyps atratus

FAUNA (Cont'd)

W. Parula Warbler
Parula americana

Indigo Bunting (nest)
Passerina cyanea

Raccoon (skull)
Procyon lotor solutus

Pine Warbler
Dendroica pinus

Mourning Dove
Zenaida macroura

White-tailed Deer (bones)
Odocoileus virginianus



TABLE ROCK STATE PARK/WILDCAT WAYSIDE

16, 17 April 1983

In spite of some minor problems, such as high water and low bridges, the mountain trip was a very good one. The winds were very high Friday night as some of us were soon to discover. All in all, the weather was quite good, which made for a generally pleasant weekend. It may be worth noting for the future that the end of the month of April is usually more productive for wildflowers. We are grateful to the folks at the R.A. for allowing us access to their property. Forty-eight people are registered as attending this trip.

The warm weather is arriving and so are the arthropods. It would be advisable to dress accordingly. I personally would recommend a long-sleeved shirt and a hat to minimize exposure to bites and stings. If you are allergic to such things then you should also bring the necessary first-aid items, including medications. Meat tenderizer (not monosodium glutamate) and ammonia swabs are often very useful. Long trousers will save you from many scratches and bites. Insect repellents are sometimes effective -- you be the judge.

SPECIAL NOTE FROM RUDY: The scissor-tailed flycatchers are back in Laurens County! They are building a nest!!!!!!

Charles Lewis, SCAN President

Location: Wildcat Wayside, Pickens/Greenville Counties

FLORA

White Pine <i>Pinus strobus</i>	Sweetshrub <i>Calycanthus floridus</i>	Alternate-leaved Dogwood <i>Cornus alternifolia</i>
Shortleaf Pine <i>Pinus echinata</i>	Sweet Birch <i>Betula lenta</i>	Mountain Camellia <i>Stewartia ovata</i>
Virginia Pine <i>Pinus virginiana</i>	Black Locust <i>Robinia pseudo-acacia</i>	Redbud <i>Cercis canadensis</i>
Silverbell <i>Halesia carolina</i>	Buffalo Nut <i>Pyralia pubera</i>	Beaked Hazlenut <i>Corylus cornuta</i>

TABLE ROCK STATE PARK/WILDCAT WAYSIDE 1983

FLORA (Cont'd)

Witch Alder <i>Fothergilla major</i>	Downy Rattlesnake Plantain <i>Goodyera pubescens</i>	Indian Paintbrush <i>Castilleja coccinea</i>
Mock Orange <i>Philadelphus inodorus</i>	Puttyroot <i>Aplectrum hyemale</i>	Sundew <i>Drosera rotundifolia</i>
Foamflower <i>Tiarella cordifolia</i>	Yellowroot <i>Xanthorhiza simplicissima</i>	New York Fern <i>Thelypteris noveboracensis</i>
Green-and-gold <i>Chrysogonum</i>	Jack-in-the-Pulpit <i>Arisaema triphyllum</i>	Rock Cap Fern <i>Polypodium virginianum</i>
Poor Robin's Plantain <i>Erigeron pulchellus</i>	Indian Cucumber Root <i>Medeola virginiana</i>	Hairy Lip Fern <i>Cheilanthes lanosa</i>
Bluets <i>Houstonia pusilla</i>	Lousewort <i>Pedicularis canadensis</i>	Ground Cedar <i>Lycopodium flabelliforme</i>
Bluets <i>Houstonia caerulea</i>	Trailing Arbutus <i>Epigaea repens</i>	Lichen <i>Peltigera polydactyla</i>
Toadflax <i>Linaria canadensis</i>	Dwarf Iris <i>Iris verna</i>	Common Brown Cup <i>Peziza badio-confusa</i>
Long-spurred Violet <i>Viola rostrata</i>	Star Chickweed <i>Stellaria pubera</i>	Yellow Morel <i>Monarchella esculenta</i>
Birdsfoot Violet <i>Viola pedata</i>	Bellwort <i>Uvularia sessilifolia</i>	Velvety Earth Tongue <i>Trichoglossum hirsutum</i>
Halberd-leaf Violet <i>Viola hastata</i>	Devil's-bit <i>Chamaelirium luteum</i>	Devil's Um <i>Urnula craterum</i>
Round-leaf Violet <i>Viola rotundifolia</i>	Yucca <i>Yucca filamentosa</i>	Spring Polypore <i>Polyporus arcularius</i>
Heartleaf <i>Hexastylis virginica</i>	Smooth Blackhaw <i>Viburnum prunifolium</i>	
Cranefly Orchid <i>Tipularia discolor</i>	Wood Anemone <i>Anemone lancifolia</i>	

FAUNA

Dragonfly <i>Ladona deplanata</i>	Red-banded Hairstreak <i>Calycopis cecrops</i>	Spring Azure <i>Celastrina a. pseudargiolus</i>
Tiger Swallowtail <i>Pterourus (Papilio) glaucus</i>	E. Tailed Blue <i>Evers c. comyntas</i>	American Painted Lady <i>Cynthia virginensis</i>

SCAN: THE FIRST TEN YEARS

FAUNA (Cont'd)

Pearl Crescent
Phyciodes t. tharos

Silver-spotted Skipper
Epagyreus c. clarus

Duskywing Skipper
Erynnis horatius

Falcate Orangetip
Anthocharis midea

Mournful Thyris
Thyris lugubris

Geometer Moth
Helio mata cycladata

Eight-spotted Forester Moth
Alypia octomaculata

Cecropia Moth (cocoon)
Hyalophora cecropia

Rough Prominent
Nadata gibbosa

Chinese Mantid (egg mass)
Tenodera a. sinensis

Twig-girdler Beetle
Oncideres cingulata

Darkling Beetle
Tarpeia micans

Oil Beetle
Melos americanus

Patent-leather Beetle
Odontotaenius disjunctus

Organpipe Wasp
Trypoxylon politum

Millipede
Pseudopolydesmus branneri

N. Black Racer
Coluber constrictor

N. Fence Lizard
Sceloporus undulatus

Green Anole
Anolis carolinensis

E. Box Turtle
Terrapene c. carolina

N. Spring Peeper
Hyla c. crucifer

Red-Spotted Newt
Notophthalmus viridescens

Three-lined Salamander
Eurycea guttolineata

Beaver (Gnawed wood)
Castor canadensis

Tufted Titmouse
Parus bicolor

Barn Swallow
Hirundo rustica

Roughwinged Swallow
Stelgidopteryx ruficollis

Belted Kingfisher
Megasceryle alcyon

Red-tailed Hawk
Buteo jamaicensis

Turkey Vulture
Cathartes aura

Giant Forest Snail
Mesodon normalis

Zonite
Mesomphix pilsbryi

Disk Cannibal Snail
Haplotrema concavum

Filmy-dome Spider
Prolinyphia marginata

Bowl-and-dolly Spider
Frontinella pyramitella

Orchard Spider
Leucauge venusta



PEACH TREE ROCK

21 May 1983

Twenty-eight people attended the trip to Peachtree Rock, the warmest trip of the year. Peachtree Rock continues to be a fascinating environment, although it is only a few miles from Columbia. Rudy was missed on this trip, and I am grateful to Tom Jones and Danny Smith for keeping an accurate listing of flora and fauna. Oscar LaBorde was also quite helpful in identifying plants.

Early American Literature is highly recommended reading.

"All science has one aim, namely to find a theory of nature."
Ralph Waldo Emerson

Charles Lewis, SCAN President

Location: Lexington County

FLORA

Sand Spikemoss
Selaginella arenicola

Cinnamon Fern
Cheilanthes lanosea

Lip Fern
Cheilanthes lanosa

Blunt-lobed Woodsia
Woodsia obtusa

Long-leaf Pine
Pinus palustris

Spiderwort
Tradescantia rosea

Beargrass
Yucca filamentosa

Red Bay
Persea borbonia

Summer Farewell
Petalostemum pinnatum

Mockernut Hickory
Carya tomentosa

Turkey Oak
Quercus laevis

Bluejack Oak
Quercus incana

Wire Plant
Stipulicida setacea

Sandwort
Arenaria caroliniana

Lupine
Lupinus diffusus

Goat's Rue
Tephrosia virginiana

Rhynchosia
Rhynchosia reniformis

Polygala
Polygala polygama

Spurge Nettle
Cnidioscolus stimulosus

New Jersey Tea
Ceanothus americanus

Prickly Pear
Opuntia compressa

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Rosemary
Ceratiola ericoides

Indian Pipes
Monotropa uniflora

Swamp Azalea
Rhododendron viscosum

Sand Myrtle
Leiophyllum buxifolium

Mountain Laurel
Kalmia latifolia

Puccoon
Lithospermum carolinense

Satureja
Satureja georgiana

Beard Tongue
Penstemon australis

False Foxglove
Aureolaria pectinata

Maple-leaved Viburnum
Viburnum acerifolium

Marshallia
Marshallia obovata

Senecio
Senecio smallii

Berlandiera
Berlandiera pumila

FAUNA

Tiger Swallowtail
Pterourus (Papilio) glaucus

Spicebush Swallowtail
Pterourus (Papilio) troilus

Buckeye
Junonia coenia

Saddlebags Dragonfly
Zamea carolina

Blackwing Damselfly
Calopteryx maculata

Antlion
Maracanda conspersa

Antlion
Myrmelion immaculatum

Organ-pipe Wasp
Trypoxylon politum

Bowl and Doily Spider
Frontinella pyramitela

Filmy-dome Spider
Prolinyphia marginata

Green Anole
Anolis carolinensis

Fence Lizard
Sceloporus undulatus

Six-lined Racerunner
Cnemidophorus sexlineatus

Yellow-billed Cuckoo
Coccyzus americanus

Pileated Woodpecker
Dryocopus pileatus

E. Kingbird
Tyrannus tyrannus

Great Crested Flycatcher
Mniarchus crinitus

Carolina Chickadee
Parus carolinensis

Tufted Titmouse
Parus bicolor

Blue-Gray Gnatcatcher
Polioptila caerulea

Red-eyed Vireo
Vireo olivaceus

White-eyed Vireo
Vireo griseus

Summer Tanager
Piranga rubra

Rufous-sided Towhee
Pipilo erythrophthalmus

Pine Warbler
Dendroica pinus

BLACK RIVER

18 June 1983

The June trip to the Black River got off to an excellent start -- we spotted an alligator in an impoundment of water on the way to the river. The dragonflies were quite determined to remain out of reach from my newly-acquired aerial net. Thanks to John and Meta Frierson for hosting the trip and for exhibiting their collections of Indian artifacts and fossils. It was a warm, but otherwise beautiful, day for the 45 of us who attended.

I don't know the state record for size on red-bellied water snakes (*Nerodia erythrogaster*), but I believe that the one captured along the road comes close! What a beautiful animal indeed! Anyone not receiving chigger bites please tell us your secret.

"We are never tired as long as we can see far enough."-- Ralph Waldo Emerson.

Charles Lewis, SCAN President

Location: Williamsburg County

FLORA

Bald Cypress <i>Taxodium distichum</i>	Mockernut Hickory <i>Carya tomentosa</i>	Sensitive Brier <i>Schrankia microphylla</i>
Pond Cypress <i>Taxodium ascendens</i>	River Birch <i>Betula nigra</i>	Indigo Bush <i>Amorpha fruticosa</i>
Switchcane <i>Arundinaria gigantea</i>	Post Oak <i>Quercus stellata</i>	Polygala <i>Polygala mariana</i>
Spiderwort <i>Tradescantia rosea</i>	Willow Oak <i>Quercus phellos</i>	Sebastiania <i>Sebastiania ligustrina</i>
Lizardtail <i>Saururus cernuus</i>	Overcup Oak <i>Quercus lyrata</i>	Flowering Spurge <i>Euphorbia corollata</i>
Waxmyrtle <i>Myrica cerifera</i>	Dock <i>Rumex crispus</i>	Peppervine <i>Ampelopsis arborea</i>

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Passion Flower
Passiflora incarnata

Meadow Beauty
Rhexia mariana

Sundrops
Oenothera fruticosa

American Carrot
Daucus pusillus

Queen Anne's Lace
Daucus carota

Intelligence Plant
Centella asiatica

Water Tupelo
Nyssa aquatica

Butterfly Weed
Asclepias tuberosa

White Morning-glory
Bonania patens

Skullcap
Scutellaria integrifolia

Mint
Pycnanthemum setosum

Greater Mullen
Verbascum thapsus

Beardtongue
Penstemon laevisgatus

Ruellia
Ruellia caroliniensis

Water Willow
Justicia ovata

Lobelia
Lobelia nuttallii

Black-eyed Susan
Rudbeckia hirta

Bitterweed
Helenium amarum

Purple-spored Puffball
Calvatia cyathiformis

Barometer Earthstar
Astraeus hygrometricus

Raspberry Slime Mold
Tubifera ferruginosa

FAUNA

Dragonfly
Gomphus pallidus

Dragonfly
Progomphus obscurus

Dragonfly
Pachydiplax longipennis

Greenjacket
Erythemis simplicicollis

Dragonfly
Celithemis fasciata

Dragonfly
Libellula semifasciata

Dragonfly
Libellula incesta

Hero Darter
Epiplatyschna heros

Amberwing Dragonfly
Perithemis tenera

Saddlebags Dragonfly
Tramea carolina

Dragonfly
Somatochlora georgiana

Bee Assassin
Apiomerus sp.

Dung Beetle
Phanaeus vindex

Tiger Swallowtail
Pterourus (Papilio) glaucus

Spicebush Swallowtail
Pterourus (Papilio) troilus

E. Black Swallowtail
Papilio polyxenes

Variegated Fritillary
Euptoieta claudia

Buckeye
Junonia coenia

Eur. Cabbage Butterfly
Pieris rapae

Sleepy Orange
Eurema nicippe

Pearl Crescent
Phyciodes tharos

Am. Painted Lady
Vanessa virginiana

Redspotted Purple
Limenitis a. astyanax

Forest Tent Caterpillar
Malacosoma disstria

FAUNA (Cont'd)

Tiger Moth
Haploa lecontei

Lubber Grasshopper
Romalea microptera

Orb Weaver
Araneus bicentenarius

Asiatic Clam
Corbicula fluminea

Dwarf Salamander
Eurycea quadridigitata

S. Toad
Bufo terrestris

S. Leopard Frog
Rana sphenoccephala

E. Spadefoot Toad
Scaphiopus holbrookii

Green Anole
Anolis carolinensis

Six-lined Racerunner
Cnemidophorus sexlineatus

E. Mud Turtle
Kinostemon s. subrubrum

E. Box Turtle
Terrapene c. carolina

Yellow-bellied Turtle
Chrysemys s. scripta

Red-bellied Water Snake
Nerodia e. erythrogaster

Black Racer
Coluber constrictor

Alligator
Alligator mississippiensis

Little Blue Heron
Florida caerulea

Red-shouldered Hawk
Buteo lineatus

Ruby-throated Hummingbird
Archilochus colubris

Pileated Woodpecker
Dryocopus pileatus

Fish Crow
Corvus ossifragus

N. Parula Warbler
Parula americanus

Prothonotary Warbler
Protonotaria citrea

Hooded Warbler
Wilsonia citrina

E. Bluebird
Sialia sialis

Indigo Bunting
Passerina cyanea

White-eyed Vireo
Vireo griseus



PARIS MOUNTAIN STATE PARK

23 July 1983

Imagine a SCAN trip being led by a crew named Smith and Jones ! In fact, the July trip was admirably conducted under the guidance of Danny Smith and Tom Jones. Thirty members were at Paris Mountain State Park for a warm but otherwise excellent trip. The swallowtails stayed mostly out of net range as did the dragonflies, but we snagged a few of each. Several young boys treated us to a diving exhibition from atop an old dam. Most of us contemplated joining them in the cool water, but the trip went on.

What about a canoe trip for SCAN? Well, we had one, August 6th, and 25 folks went. We started at Colleton State Park with nine canoes and one kayak. Thanks to careful planning and execution by Dave Phillips, the trip went without mishap. David gave some quick tips on how to manage a swamped canoe (mine). The weather was beautiful and so was the river. While we were paddling our way to Stokes Bridge, Rudy was leading nature trips at the Little Mountain Reunion.

Charles Lewis, SCAN President

Location: Greenville County

FLORA

Running-Pine
Lycopodium flabelliforme

Rock Spikemoss
Selaginella rupestris

Rattlesnake fern
Botrychium virginianum

Cinnamon Fern
Osmunda cinnamomea

Hairy Lip fern
Cheilanthes lanosa

Woolly Lip fern
Cheilanthes tomentosa

Southern Lady Fern
Athyrium asplenoides

Christmas Fern
Polystichum acrostichoides

New York Fern
Thelypteris noveboracensis

Netted Chain Fern
Woodwardia areolata

Ebony Spleenwort
Asplenium platyneuron

Resurrection Fern
Polypodium polypodioides

Short-leaf Pine
Pinus echinata

Scrub Pine
Pinus virginiana

Red Cedar
Juniperus virginiana

FLORA (Cont'd)

Cane <i>Arundinaria gigantea</i>	Downy Rattlesnake Plantain <i>Goodyera pubescens</i>	Yellowroot <i>Xanthorhiza simplicissima</i>
Oats <i>Uniola sessiliflora</i>	Green Adder's Mouth <i>Malaxa unifolia</i>	Black Cohosh <i>Cimicifuga racemosa</i>
Wild Rye Grass <i>Elymus virginicus</i>	Crane-fly Orchid <i>Tipularia discolor</i>	Meadowrue <i>Thalictrum</i> sp.
Grass <i>Microstegium vimineum</i>	Black Willow <i>Salix nigra</i>	Blue Cohosh <i>Caulophyllum thalictroides</i>
Jack in the Pulpit <i>Arisaema triphyllum</i>	Mockernut <i>Carya tomentosa</i>	Tulip Tree, Yellow Poplar <i>Liriodendron tulipifera</i>
Dayflower <i>Commelina erecta</i>	Alder <i>Alnus serrulata</i>	Cucumber Tree <i>Magnolia acuminata</i>
Spiderwort <i>Tradescantia subaspera</i>	Beech <i>Fagus grandifolia</i>	Dwarf Pawpaw <i>Asimina parvifolia</i>
Carrion-flower <i>Smilax herbacea</i>	White Oak <i>Quercus alba</i>	Sassafras <i>Sassafras albidum</i>
Greenbrier <i>Smilax bona-nox</i>	Rock Chestnut Oak <i>Quercus prinus</i>	Bloodroot <i>Sanguinaria canadensis</i>
Indian Cucumber-root <i>Medeola virginiana</i>	Red Oak <i>Quercus rubra</i>	Arabis <i>Arabis laevigata</i>
False Solomon's seal <i>Smilacina racemosa</i>	Black Oak <i>Q. velutina</i>	Climbing Hydrangea <i>Decumaria barbara</i>
Solomon's Seal <i>Polygonatum biflorum</i>	Heart-leaf, Wild Ginger <i>Hexastylus virginica</i>	Hydrangea <i>Hydrangea arborescens</i>
Adam's Needle <i>Yucca filamentosa</i>	Lamb's quarters <i>Chenopodium album</i>	Alumroot <i>Heuchera americana</i>
Bellwort <i>Uvularia sessilifolia</i>	Pokeweed <i>Phytolacca americana</i>	Sweet Gum <i>Liquidambar styraciflua</i>
Wild Yam <i>Dioscorea villosa</i>	Tallinum <i>Tallinum teretifolium</i>	Five-fingers <i>Potentilla canadensis</i>
Pink Lady Slipper <i>Cypripedium acaule</i>	Paronychia <i>Paronychia canadensis</i>	Avens <i>Geum canadense</i>
Small Green Wood-orchid <i>Habenaria clavellata</i>	Starry Campion <i>Silene stellata</i>	Cocklebur <i>Agrimonia pubescens</i>

FLORA (Cont'd)

Pear <i>Pyrus communis</i>	Smooth Sumac <i>Rhus glabra</i>	Angelica <i>Angelica venenosa</i>
Red Chokeberry <i>Sorbus arbutifolia</i>	American Holly <i>Ilex opaca</i>	Black Gum <i>Nyssa sylvatica</i>
Hawthorn <i>Crataegus sp.</i>	Heart's A'bustin' with Love <i>Euonymus americanus</i>	Flowering Dogwood <i>Cornus florida</i>
Juneberry <i>Amelanchier arborea</i>	Red Maple <i>Acer rubrum</i>	Spotted Wintergreen <i>Chimaphila maculata</i>
Black Cherry <i>Prunus serotina</i>	New Jersey Tea <i>Ceanothus americanus</i>	Indian Pipe <i>Monotropa uniflora</i>
Sensitive Brier <i>Schrankia microphylla</i>	Virginia Creeper <i>Parthenocissus quinquefolia</i>	Rosebay <i>Rhododendron maximum</i>
Pencil Flower <i>Stylosanthes biflora</i>	Muscadine <i>Vitis rotundifolia</i>	Pinkster-flower <i>Rhododendron nudiflorum</i>
Beggar Lice <i>Desmodium nudiflorum</i>	Summer Grape <i>V. aestivalis</i>	Mountain Laurel <i>Kalmia latifolia</i>
Black Locust <i>Robinia pseudo-acacia</i>	Pineweed <i>Hypericum gentianoides</i>	Leucothoe <i>Leucothoe axillaris</i>
Goat's Rue <i>Tephrosia virginiana</i>	Violet <i>Viola hastata</i>	Sourwood <i>Oxydendron arboreum</i>
Apios <i>Apios americana</i>	Maypops <i>Passiflora incarnata</i>	Trailing Arbutus <i>Epigaea repens</i>
Hog Peanut <i>Amphicarpa bracteata</i>	Yellow Passion-flower <i>Passiflora lutea</i>	Sparkleberry <i>Vaccinium arboreum</i>
Polygala <i>Polygala verticillata</i>	Prickly Pear <i>Opuntia compressa</i>	Senecio <i>Senecio smallii</i>
Tragia <i>Tragia urticifolia</i>	English Ivy <i>Hedera helix</i>	Gooseberry <i>Vaccinium stamineum</i>
Flowering Spurge <i>Euphorbia corollata</i>	Sanicle <i>Sanicula canadensis</i>	Persimmon <i>Diospyros virginiana</i>
Poison Ivy <i>Rhus radicans</i>	Queen Anne's Lace <i>Daucus carota</i>	Silverbell <i>Halesia carolina</i>
Winged Sumac <i>Rhus copallina</i>	Meadow Parsnip <i>Thaspium barbinode</i>	Storax <i>Styrax americana</i>

FLORA (Cont'd)

Privet
Ligustrum sinense

Indian Pink
Spigelia marilandica

Climbing Milkweed
Matelea carolinensis

Common Morning Glory
Ipomoea purpurea

Lopseed
Phryma leptostachya

Prunella
Prunella vulgaris

Sage
Salvia lyrata

Monarda
Monarda clinopodia

Pycnanthemum
Pycnanthemum incanum

Cunila
Cunila origanoides

Lycopus
Lycopus sp.

False Foxglove
Aureolaria virginica

Ironweed
Vernonia noveboracensis

Trumpet creeper
Campsis radicans

Ruellia
Ruellia caroliniensis

Plantain
Plantago rugelii

Partridge Berry
Mitchella repens

Houstonia
Houstonia purpurea

Bedstraw
Galium latifolium

Honeysuckle
Lonicera flava

Viburnum
Viburnum cassinoides

Black Haw
V. prunifolium

Maple-leaf Viburnum
V. acerifolium

Indian-tobacco
Lobelia inflata

Gall-of-the-earth
Prenanthes serpentina

Wild Lettuce
Lactuca sp.

Rattlesnake-weed
Hieracium venosum

Common Dandelion
Taraxacum officinale

Pale Indian-plantain
Cacalia atriplicifolia

Elephant's-foot
Elephantopus tomentosus

Thoroughwort
Eupatorium purpureum

Pussy-toes
Antennaria plantaginifolia

Robin's-plantain
Erigeron pulchellus

Bearsfoot
Polymnia uvedalia

Silphium
Silphium compositum

Coreopsis
Coreopsis major

Spanish Needles
Bidens bipinnata

Mushroom
Clavulinopsis aurantio-cinnabarina

Mushroom
Gyrophorus sp.

Fading Scarlet Wax Cap
Hygrophorus miniatus

Black Knot
Apiosporina morbosa



FAUNA

Black-winged Damselfly
Calopteryx maculata

Dragonfly
Libellula incesta

Widow Dragonfly
Libellula luctuosa

Dragonfly
Libellula flavida

Amberwing Dragonfly
Perithemis tenax

White Tail
Plathemis lydia

Dragonfly
Celithemis fasciata

Dragonfly
Dythemis velox

Carolina Wolf Spider
Lycosa carolinensis

Clymene Moth
Haploa clymene

Sweetheart Underwing Moth
Catocala amatrix

Io Moth
Automeris io

Pearl Crescent
Phyciodes t. tharos

Silver Spotted Skipper
Epargyreus c. clarus

Tiger Swallowtail
Papilio glaucus

Spicebush Swallowtail
Papilio troilus

Red-spotted Purple
Limenitis a. astyanax

American Painted Lady
Cynthia virginensis

Spring Azure
Celastrina argiolus psuadargiolus

Net-winged Beetle
Calopteron terminale

June Beetle
Cotinus nitida

Japanese Beetle
Popillia japonica

Unicorn Beetle
Dynastes tityus

Leaf-footed Bug
Leptoglossus phyllopus

Green Anole
Anolis carolinensis

Eastern Fence Lizard
Sceloporus undulatus

Six-lined Racerunner
Cnemidophorus sexlineatus

Southeastern (?) Five-lined
Skink
Eumeces sp.

Indigo Bunting
Passerina cyanea

Common Crow
Corvus brachyrhynchos

Common Great Zonite Snail
Mesomphix vulgatus

Three-toothed Forest Snail
Triodopsis tridentata

Dobsonfly (Egg Cases)



GIVHAN'S FERRY STATE PARK

20 August 1983

Over the past seven years I have collected many memories and not a few specimens. I believe that without a doubt the August trip to Givhan's Ferry State Park will stand out in my mind for a long time! On this trip we experiences a record high temperature of 107 degrees F. There were nineteen members present, all of whom survived the trip. In spite of the heat, the trip was very good and we enjoyed the richness and resources of yet another South Carolina State Park. Mr. Glen Farr helped us arrange this trip and we thank him. Decanie Dowling made several surveys of the area to plan the actual route. His efforts are also appreciated.

Once again SCAN is indebted to the inseparable team of Smith and Jones for compiling the official list. I especially thank Tom Jones for including both the scientific and common names this time. Although the campground had adequate facilities for camping, no one took advantage of them. Decanie came with canoe atop his car, but could find no one to float the mighty Edisto with him.

"Man's reach should exceed his grasp, or what's a heaven for?"

—Robert Browning

Charles Lewis, SCAN President

Location: Dorchester County

FLORA

Meadow Spikemoss
Selaginella apoda

Christmas Fern
Polystichum acrostichoides

Resurrection Fern
Polypodium polypodioides

Royal Fern
Osmunda regalis

Broad Beech-Fern
Thelypteris kunthii

Loblolly Pine
Pinus taeda

Bracken Fern
Pteridium aquilinum

Netted Chain-Fern
Woodwardia areolata

Bald Cypress
Taxodium distichum

Southern Lady Fern
Athyrium asplenoides

Ebony Spleenwort
Asplenium platyneuron

Red Cedar
Juniperus virginiana

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Cane <i>Arundinaria gigantea</i>	Black Walnut <i>Juglans nigra</i>	Coralbeads <i>Cocculus carolinus</i>
<i>Uniola sessiliflora</i>	Mockernut <i>Carya tomentosa</i>	Sweet Bay <i>Magnolia virginiana</i>
River Oats <i>Uniola latifolia</i>	River Birch <i>Betula nigra</i>	Bull Bay <i>Magnolia grandiflora</i>
<i>Opilismenus setarius</i>	Hop Hornbeam <i>Ostrya virginiana</i>	Sassafras <i>albidum</i>
Gamma Grass <i>Tripsacum dactyloides</i>	Ironwood <i>Carpinus caroliniana</i>	Virginia Willow <i>Ita virginica</i>
<i>Carex lupulina</i>	Beech <i>Fagus grandifolia</i>	Climbing Hydrangea <i>Decumans</i>
Blue-stem Palmetto <i>Sabal minor</i>	White Oak <i>Quercus alba</i>	Sweet Gum <i>Liquidambar styraciflua</i>
Jack-in-the-Pulpit <i>Arisaema triphyllum</i>	Winged Elm <i>Ulmus alata</i>	Witch-hazel <i>Hamamelis virginiana</i>
Spanish Moss <i>Tillandsia usneoides</i>	Hackberry <i>Celtis laevigata</i>	Mimosa <i>Albizia julibrissin</i>
Dayflower <i>Commelina virginica</i>	White Mulberry <i>Morus alba</i>	Redbud <i>Cercis canadensis</i>
<i>Smilax bona-nox</i>	Red Mulberry <i>Morus rubra</i>	Water Locust <i>Gleditsia aquatica</i>
<i>Smilax walteri</i>	False Nettle <i>Boehmeria cylindrica</i>	Beggar Lice <i>Desmodium nudiflorum</i>
<i>Smilax purila</i>	Birthwort <i>Aristolochia serpentaria</i>	Beggar Lice <i>Desmodium glutinosum</i>
Bear Grass <i>Yucca filamentosa</i>	Wild Ginger <i>Hexastylis arifolia</i>	Butterfly Pea <i>Centrosema virginianum</i>
Yellow Star Grass <i>Hypoxis hirsuta</i>	Smartweed <i>Polygonum setaceum</i>	Poison Ivy <i>Rhus radicans</i>
Crane-fly Orchid <i>Tipularia discolor</i>	Alligator Weed <i>Alternanthera philoxeroides</i>	Winged Sumac <i>Rhus copallina</i>
Lizard's Tail <i>Saururus cernuus</i>	Leather Flower <i>Clematis crispa</i>	Holly <i>Ilex opaca</i>
Black Willow <i>Salix nigra</i>		
Wax Myrtle <i>Myrica cerifera</i>		

FLORA (Cont'd)

Red Maple <i>Acer rubrum</i>	Spotted Wintergreen <i>Chimaphila maculata</i>	Cross Vine <i>Anisostichus capreolata</i>
Red Buckeye <i>Aesculus pavia</i>	Doghobble <i>Leucothoe axillaris</i>	Cow-itch <i>Campsis radicans</i>
Supplejack <i>Berchemia scandens</i>	Sparkleberry <i>Vaccinium arboreum</i>	Beech-drops <i>Epifagus virginiana</i>
Virginia Creeper <i>Parthenocissus quinquefolia</i>	Water Pimpernel <i>Samolus parviflorus</i>	Partridge Berry <i>Mitchella repens</i>
Muscadine <i>Vitis rotundifolia</i>	Buckthorn <i>Bumelia lycioides</i>	Creeping Cucumber <i>Melothria pendula</i>
Summer Grape <i>Vitis aestivalis</i>	Storax <i>Styrax grandiflora</i>	Elephant's Foot <i>Elephantopus tomentosus</i>
Pepper Vine <i>Ampelopsis arborea</i>	Ash <i>Fraxinus sp.</i>	Mist Flower <i>Eupatorium coelestinum</i>
Mallow <i>Sida rhombifolia</i>	Privet <i>Ligustrum sinense</i>	Bearsfoot <i>Polymnia uvedalia</i>
St. Andrew's Cross <i>Hypericum hypericoides</i>	Yellow Jessamine <i>Gelsemium sempervirens</i>	Goldenrod <i>Solidago sp.</i>
Evening Primrose <i>Oenothera biennis</i>	Miterwort <i>Cynoctonum mitreola</i>	Mushroom <i>Amanita cokeri</i>
Pennywort <i>Hydrocotyle verticillata</i>	Milkweed <i>Asclepias perennis</i>	Mushroom <i>Amanita caesarea</i>
Snakeroot <i>Sanicula canadensis</i>	French Mulberry <i>Callicarpa americana</i>	Mushroom <i>Amanita virosa</i>
Dogwood <i>Cornus florida</i>	Lop-seed <i>Phryma leptostachya</i>	Old Man of the Woods <i>Strombilomyces floccopus</i>
Sweet Pepperbush <i>Clethra alnifolia</i>	Skullcap <i>Scutellaria elliptica</i>	

FAUNA

Yellow-billed Cuckoo
Coccyzus americanus

Red-bellied Woodpecker
Melanerpes carolinus

Downy Woodpecker
Picoides pubescens

Carolina Chickadee
Parus carolinensis

Tufted Titmouse
Parus bicolor

White-eyed Vireo
Vireo griseus

Summer Tanager
Piranga rubra

Northern Cardinal
Cardinalis cardinalis

Carolina Anole
Anolis carolinensis

Dragonfly
Libellula vibrans

Green Jacket
Erythemis simplicicollis

Black-winged Damselfly
Calopteryx maculata

Pearl Crescent
Phyciodes t. tharos

Silver-spotted Skipper
Epagyreus c. clarus

Tiger Swallowtail
Papilio glaucus

Pipevine Swallowtail
Battus philenor

Sleepy Orange
Eurema nicippe

Carolina Satyr
Hermeuptychia sosybius

Luna Moth
Actias luna

Crocus Geometer Moth
Xanthotype crocatis

Darling Underwing
Catocala cara

Patent-leather Beetle
Odontotaenius disjunctus

Southeastern Lubber
Grasshopper
Romalea microptera

Velvet Ant
Dasynutilla sp.

Common White-lipped Forest
Snail
Mesodon thyridus

Writing Spider
Argiope sp.

Arrowhead Spider
Micrathena sagittata

Spiny-bodied Spider
Micrathena gracilis

Crab-like Spiny Orb Weaver
Gasteracantha elipsoides

Spider
Epeira verrucosa

Millipede
Sigmodia sp.

DEAD ON THE ROAD

Copperhead
Agkistrodon contortrix



EDISTO BEACH

24-25 September 1983

The September trip to Edisto Beach will probably long be remembered by all who attended. At least twelve of us were there Friday night and by Saturday morning we had thirty-six people in attendance. Those of you who weren't able to make this trip missed a very exciting weekend. First, I would like to thank Debbie Mundell who started out the trip Saturday morning by giving an excellent presentation on Sea Turtles. We learned a great deal about the plight of the turtles and what is being done to help them. Debbie and other biologists patrol the beaches during those times when nests are incubating and attempt to ensure that as many hatching turtles as possible make it to the ocean. Any of you who are interested in the study of sea turtles should contact Debbie Mundell at P.O. Box 205, Edisto Island, SC 29438. We extend an invitation for Debbie to join us on future trips.

After such an excellent beginning, we found our way to the beach. Not surprisingly, an array of fossil material was found. Lynn Smith and I stumbled on a muddy, slick area below the high tide mark which, to our surprise, contained bones. Rudy tells me that these are young cow bones, probably deposited in the marsh between 100 and 300 years ago. A number of fossil fragments and interesting shells were found and Claire is attempting to catalog these. Danny Smith, usually a man of few words, totally fascinated the group with a presentation on star gazing Saturday night. The sky was quite clear for a change and also quite beautiful. We thank Danny for sharing his extensive knowledge with us. Again, he and Tom Jones are to be thanked for preparing the flora/fauna list. Also, Decanie Dowling is to be thanked for arranging the trip and for contacting Debbie Mundell.

Charles Lewis, SCAN President

Location: Charleston County

FLORA

Cinnamon Fern
Osmunda cinnamomea

Virginia Chain Fern
Woodwardia virginica

Netted Chain Fern
Woodwardia areolata

Ebony Spleenwort
Asplenium platyneuron

Resurrection Fern
Polypodium polypodioides

Spruce Pine
Pinus glabra

Southern Red Cedar
Juniperus silicicola

Common Cattail
Typha latifolia

Cane
Arundinaria gigantea

Purple Top Grass
Tridens flavus

Sea Oats
Uniola paniculata

Finger Grass
Chloris petraea

Cord Grass
Spartina alterniflora

Sandspurs
Cenchrus tribuloides

Sandspurs
Cenchrus echinatus

Gamma Grass
Tripsacum dactyloides

Bulrush
Scirpus cyperinus

Dwarf Palmetto
Sabal minor

Cabbage Palmetto
Sabal palmetto

Saw Palmetto
Serenoa repens

Spanish Moss
Tillandsia usneoides

Juneus romerianus

Catbrier
Smilax bona-nox

Yucca gloriosa

Bear Grass
Yucca filamentosa

Wax Myrtle
Myrica cerifera

Live Oak
Quercus virginiana

Sugarberry
Celtis laevigata

Red Mulberry
Morus rubra

Dock
Rumex crispus

Knotweed
Polygonum sp.

Seabeach Orach
Atriplex arenaria

Glasswort
Salicornia europaea

Suaeda lineaeos

Russian Thistle
Salsola kali

Poke
Phytolacca americana

Bull Bay
Magnolia grandiflora

Red Bay
Persea borbonia

Sassafras albidum

Sea Rocket
Cakile harperi

Sweetgum
Liquidambar styraciflua

Black Cherry
Prunus serotina

Carolina Laurel Cherry
Prunus caroliniana

Mimosa
Albizia julibrissin

Wild Sensitive Plant
Cassia nitidiflora

Beggar's Ticks
Desmodium sp.

Sesbania exaltata

Coral Bean
Erythrina herbacea

Butterfly Pea
Clitoria mariana

Strophostyles helvola

Strophostyles umbellata

Hog Peanut
Amphicarpa bracteata

Chinaberry
Melia azedarach

FLORA (Cont'd)

Three-seeded Mercury <i>Acalypha gracilens</i>	Evening Primrose <i>Oenothera humifusa</i>	Gerardia <i>Agalinis setacea</i>
<i>Euphorbia polygonifolia</i>	Hercules Club <i>Aralia spinosa</i>	Cross Vine <i>Anisostichus capreolata</i>
Poison Ivy <i>Rhus radicans</i>	Snakeroot <i>Sanicula canadensis</i>	Cow-itch <i>Campsis radicans</i>
Winged Sumac <i>Rhus copallina</i>	Flowering Dogwood <i>Cornus florida</i>	<i>Houstonia procumbens</i>
Yaupon <i>Ilex vomitoria</i>	Swamp Dogwood <i>Cornus stricta</i>	Bedstraw <i>Gallium hirsutum</i>
Red Maple <i>Acer Rubrum</i>	Pipsisseaw <i>Chimaphila maculata</i>	Creeping Cucumber <i>Melothria pendula</i>
Red Buckeye <i>Aesculus pavia</i>	Sea Lavender <i>Limonium carolinianum</i>	<i>Lobelia elongata</i>
<i>Sagittaria minutiflora</i>	Persimmon <i>Diospyros virginiana</i>	Marsh Elder <i>Iva frutescens</i>
Virginia Creeper <i>Parthenocissus quinquefolia</i>	Privet <i>Ligustrum sinense</i>	Marsh Elder <i>Iva imbricata</i>
Muscadine <i>Vitis rotundifolia</i>	Yellow Jessamine <i>Gelsemium sempervirens</i>	Ragweed <i>Ambrosia artemisiifolia</i>
Summer Grape <i>Vitis aestivalis</i>	<i>Dichondra carolinensis</i>	Elephant's Foot <i>Elephantopus carolinianus</i>
Pepper-vine <i>Ampelopsis arborea</i>	Morning Glory <i>Ipomoea lacunosa</i>	Elephant's Foot <i>Elephantopus tomentosus</i>
St. Andrew's Cross <i>Hypericum hypericoides</i>	<i>Lippia nodiflora</i>	Dog-fennel <i>Eupatorium capillifolium</i>
Fire Cedar <i>Tamarix gallica</i>	French Mulberry <i>Callicarpa americana</i>	Dog-fennel <i>Eupatorium compositifolium</i>
Passion Flower <i>Passiflora lutea</i>	Blue Curl <i>Trichostema dichotomum</i>	Climbing Hempweed <i>Mikania scandens</i>
Prickly Pear <i>Opuntia compressa</i>	Nightshade <i>Solanum americanum</i>	Camphorweed <i>Pluchea purpurascens</i>
<i>Ludwigia decurrens</i>	Hedge Hyssop <i>Gratiola virginiana</i>	Groundsel <i>Baccharis halimifolia</i>
Evening Primrose <i>Oenothera biennis</i>	Woolly Mullein <i>Verbascum thapsus</i>	Goldenrod <i>Solidago sempervirens</i>

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Sea Oxeye
Borrchia frutescens

Melanthera hastata

Spanish Needles
Bidens bipinnata

Firewheels
Gaillardia pulchella

Bitterweed
Helenium amarum

Carbon Balls
Daldivia concentrica

Peppery Milk-cap
Lactarius piperatus

Emetic Russula
Russula emetica

Lacquer Top
Ganoderma lucidum

Amanita sp.

Turkey-tail
Polyporus versicolor

Sweetbread Mushroom
Clitopilus prunulus

Lepiota sp.

FAUNA

Brown Pelican
Pelecanus occidentalis

Great Blue Heron
Ardea herodias

Great Egret
Casmerodius albus

Snowy Egret
Egretta thula

Laughing Gull
Larus atricilla

Ruddy Turnstone
Arenaria interpres

Willet
Catoptrophorus semipalmatus

Ground Dove
Columbina passerina

Belted Kingfisher
Megasceryle alcyon

Red-bellied Woodpecker
Melanerpes carolinus

Downy Woodpecker
Picoides pubescens

Common Flicker
Colaptes auratus

Tufted Titmouse
Parus Bicolor

Eastern Pewee
Contopus virens

Summer Tanager
Piranga rubra

American Crow
Corvus brachyrhynchos

Turkey Vulture
Cathartes aura

Black Vulture
Coragyps atratus

Boat-tailed Grackle
Quiscalus major

Common Screech Owl
Otus asio

Blue Jay
Cyanocitta cristata

Carolina Chickadee
Parus carolinensis

Brown-headed Nuthatch
Sitta pusilla

Carolina Wren
Thryothorus ludovicianus

Gray Catbird
Dumetella carolinensis

Northern Mockingbird
Mimus polyglottos

White-eyed Vireo
Vireo griseus

Black and White Warbler
Mniotilta varia

Red-winged Blackbird
Agelaius phoeniceus

Brown-headed Cowbird
Molothrus ater

FAUNA (Cont'd)

Luna Moth (cocoon)	Fall Webworm (larva) <i>Hyphantria cunea</i>	Eastern Ribbon Snake <i>Thamnophis sauritus</i>
Northern Cardinal <i>Cardinalis cardinalis</i>	Carolina Mantid (egg case) <i>Stagmomantis carolina</i>	Eastern Garter Snake <i>Thamnophis sirtalis</i>
Red-spotted Purple <i>Basiliarchia astyanax</i>	Leaf-footed Bug <i>Leptoglossus phyllopus</i>	Lettered Olive <i>Olive sayana</i>
Gulf Fritillary <i>Agraulis vanillae</i>	Patent Leather Beetle <i>Odontotaenius disjunctus</i>	Black Auger <i>Tenebra proxima</i>
Pearl Crescent <i>Phycoides tharos</i>	Golden Silk Spider <i>Nephila clavipes</i>	Ear Shell <i>Sinum perspectivum</i>
Eastern Tailed Blue <i>Everses comyntas</i>	Crab-like Spiny Orb Weaver <i>Gasteracantha elipsoides</i>	Lobed Moon Snail <i>Polinices duplicatus</i>
White M Hairstreak <i>Parthasius m-album</i>	Writing Spider <i>Argiope aurantia</i>	Common Slipper Shell <i>Crepidula fornicata</i>
Palamedes Swallowtail <i>Pterourus palamedes</i>	Bowl and Dolly Spider <i>Frontinella pyramitella</i>	Jingle Shell <i>Anomia simplex</i>
Buckeye <i>Junonia coenia</i>	Orchard Spider <i>Leucauge venusta</i>	Sea Whip <i>Leptogorgia virgulata</i>
Carolina Satyr <i>Hermeuphychia sossybius</i>	Seven-wheeled Polygyra Snail <i>Polygyra septemvolva</i>	Angel Wing <i>Cyrtopleura costata</i>
Long-tailed Skipper <i>Urbanus proteus</i>	Cynipid Oak Gall <i>Amphibolips</i> sp.	Pen Shell <i>Atrina</i> sp.
Little Yellow <i>Eurema lisa</i>	Lacewing Eggs	Perverse Whelk <i>Busycon perversum</i>
Sleepy Orange <i>Eurema nicippe</i>	Antlion Larvae	Knobbed Whelk <i>Busycon carica</i>
Cloudless Sulphur <i>Phoebis sennae</i>	Eastern Gray Squirrel <i>Sciurus carolinensis</i>	Channeled Whelk <i>Busycon canaliculatum</i>
Hackberry Butterfly <i>Asterocampa celtis</i>	Raccoon (tracks and scat) <i>Procyon lotor</i>	Incongruous Ark <i>Anadara brasilliana</i>
Green Jacket <i>Erythemis simplicicollis</i>	Rabbit (scat) <i>Sylvilagus</i> sp.	Spider Crab <i>Libinia</i> sp.
Bagworm Moth (larval bag) <i>Thyridopteryx ephemeraeformis</i>	Ground Skink <i>Scincella laterale</i>	Lady Crab <i>Ovalipes ocellatus</i>
	Loggerhead Sea Turtle <i>Caretta caretta</i>	

FAUNA (Cont'd)

Blue Crab
Callinectes sapidus

Ghost Crab
Ocypode quadrata

Mole Crab
Amerita talpoides

Horseshoe Crab
Limulus polyphemus

Fiddler Crab
Uca pugilator

Single-toothed Simnia
Neosimnia uniplicata



BURRELL'S FORD

22 October 1983

Complaining about the weather can apparently have serious consequences ! Twenty-seven of us made the trip to Burrell's Ford on a chilly, overcast day. The colors were magnificent and, as usual, King's Creek Falls was spectacular.

We found a crayfish and salamander in the creek, and two members reported seeing two white-tailed deer and a 12-inch in diameter turtle, grayish-brown in color, with a diamond-shaped pattern on the shell.

Charles Lewis, SCAN President

Location: Oconee County

FLORA

Running Pine
Lycopodium flabelliforme

Common Grapefern
Botrychium dissectum

Marginal Shield Fern
Dryopteris marginalis

Christmas Fern
Polystichum acrostichoides

Ebony Spleenwort
Asplenium platyneuron

Resurrection Fern
Polypodium polypodioides

Hay-scented Fern
Dennstaedtia punctilobula

New York Fern
Thelypteris noveboracensis

Maidenhair Fern
Adiantum pedatum

White Pine
Pinus strobus

Pitch Pine
Pinus rigida

Canada Hemlock
Tsuga canadensis

Cane
Arundinaria gigantea

Purple Top
Tridens flavus

Eulalia
Miscanthus sinensis

Microstegium vimineum

Broom-straw
Andropogon sp.

Bulrush
Scirpus polyphyllus

Bulrush
Scirpus cyperinus

Jack-in-the-Pulpit
Arisaema triphyllum

Juncus gymnocarpus

Path Rush
Juncus tenuis

Indian Cucumber-root
Medeola virginiana

Solomon's Seal
Polygonatum biflorum

Nodding Ladies' Tresses
Spiranthes cernua

Downy Rattlesnake Plantain
Goodyera pubescens

Crane-fly Orchid
Tipularia discolor

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Mockernut Hickory
Carya tomentosa

Tag Alder
Alnus serrulata

Sweet Birch
Betula lenta

American Chestnut
Castanea dentata

Chinquapin
Castanea pumila

White Oak
Quercus alba

Chestnut Oak
Quercus prinus

Red Oak
Quercus rubra

Black Oak
Quercus velutina

Scarlet Oak
Quercus coccinea

Clearweed
Pilea pumila

Wild Ginger
Hexastylis sp.

Tear Thumb
Polygonum sagittatum

Yellow-root
Xanthoxhiza simplicissima

Virgin's Bower
Clematis virginiana

Liverleaf
Hepatica acutiloba

Tulip Tree
Liriodendron tulipifera

Umbrella Tree
Magnolia fraseri

Sweet-shrub
Calycanthus floridus

Sassafras
Sassafras albidum

Spicebush
Lindera benzoin

Hydrangea arborescens ssp.
radiata

Alumroot
Heuchera americana

Foamflower
Tiarella cordifolia

Witch-hazel
Hamamelis virginiana

Strawberry
Fragaria virginiana

Five-fingers
Potentilla canadensis????

Blackberry
Rubus sp.

Agrimony
Agrimonia parviflora

Rosa multiflora

Serviceberry
Amelanchier arborea

Beggar Lice
Desmodium nudiflorum

Sericea
Lespedeza cuneata

Black Locust
Robinia pseudo-acacia

Vetch
Vicia sp.

Polygala curtissii

Poison Ivy
Rhus radicans

Winged Sumac
Rhus copallina

Holly
Ilex opaca

Strawberry Bush
Euonymus americanus

Red Maple
Acer rubrum

Jewelweed
Impatiens capensis

Summer Grape
Vitis aestivalis

Basswood
Tilia sp.

St. John's Wort
Hypericum mutilum

Violet
Viola rotundifolia

Flowering Dogwood
Cornus florida

Mountain Sweet Pepperbush
Clethra acuminata

Pipsissewa
Chimaphila maculata

Pine-sap
Monotropa hypopithys

Rosebay
Rhododendron maximum

Rhododendron sp.

Mountain Laurel
Kalmia latifolia

FLORA (Cont'd)

Male-berry <i>Lyonia ligustrina</i>	Gerardia <i>Agalinis tenuifolia</i>	Beggar Ticks <i>Bidens frondosa</i>
Dog Hobbie <i>Leucothoe axillaris</i>	Plantain <i>Plantago rugelii</i>	Spanish Needles <i>Bidens bipinnata</i>
Sourwood <i>Oxydendrum arboreum</i>	Partridge Berry <i>Mitchella repens</i>	Old Man's Beard Lichen <i>Usnea</i> sp.
Trailing Arbutus <i>Epigaea repens</i>	Northern Withered <i>Viubumum cassinoides</i>	Pyxie Cup Lichen <i>Cladonia pyxidata</i>
Buckberry <i>Gaylussacia ursina</i>	Elderberry <i>Sambucus canadensis</i>	British Soldiers <i>Cladonia cristatella</i>
<i>Galax aphylla</i>	Indian Tobacco <i>Lobelia inflata</i>	Lungwort Lichen <i>Lobaria pulmonaria</i>
Whorled Loosestrife <i>Lysimachia quadrifolia</i>	Hawkweed <i>Hieracium gronovii</i>	Haircap Moss <i>Polytrichum</i> sp.
Horse Sugar <i>Symplocos tinctoria</i>	Pale Indian Plantain <i>Cacalia atriplicifolia</i>	Chicken-fat Suillus <i>Suillus americanus</i>
Silverbell <i>Halesia carolina</i>	Elephant's Foot <i>Elephantopus tomentosus</i>	Orange Moss Agaric <i>Ricknella fibula</i>
Gentian <i>Gentiana decora</i>	Boneset <i>Eupatorium perfoliatum</i>	Slimy Stalked Puffball <i>Calostoma cinnabarinum</i>
Milkweed <i>Asclepias</i> sp.	Rabbit Tobacco <i>Gnaphalium obtusifolium</i>	Black Staining Polypore <i>Meripilus giganteus</i>
Field Dodder <i>Cuscuta campestris</i>	Heart-leaved Aster <i>Aster divaricatus</i>	Mica Cap <i>Coprinus micaseus</i>
Skullcap <i>Scutellaria elliptica</i>	<i>Aster curtisii</i>	Cinnabar-Red Chanterelle <i>Cantharellus cinnabarinus</i>
Heal-all <i>Prunella vulgaris</i>	Frost Aster <i>Aster pilosus</i>	Pigskin Poison Puffball <i>Scleroderma citrinum</i>
Mountain Mint <i>Pycnanthemum incanum</i>	Goldenrod <i>Solidago cutissil</i>	White-egg Bird's Nest <i>Crucibulum vulgare</i>
Horse Balm <i>Collinsonia canadensis</i>	Goldenrod <i>Solidago nemoralis</i>	Alder Cone Fungus <i>Taphrina alni-incanae</i>
<i>Lobelia amoena</i>	Coneflower <i>Rudbeckia laciniata</i>	
Monkey Flower <i>Mimulus ringens</i>	Black-eyed Susan <i>Rudbeckia hirta</i>	

SCAN: THE FIRST TEN YEARS

FAUNA

Ruffed Grouse
Bonasa umbellus

Belted Kingfisher
Megascops alcyon

Pileated Woodpecker
Dryocopus pileatus

Downy Woodpecker
Picoides pubescens

American Crow
Corvus brachyrhynchos

Carolina Chickadee
Parus carolinensis

Tufted Titmouse
Parus bicolor

White-breasted Nuthatch
Sitta carolinensis

Carolina Wren
Thryothorus ludovicianus

Northern Dusky Salamander
Desmognathus fuscus

Slender Glass Lizard
Ophisaurus attenuatus

Eastern Garter Snake
Thamnophis sirtalis

Eastern Mole (tunnel)
Scalopus aquaticus

Rabbit (scat)
Sylvilagus sp.

Beaver (dam)
Castor canadensis

Tiger Swallowtail (larva)
Papilio glaucus

Polyphemus Moth (larva)
Antheraea polyphemus

Common Great Zonite (snail)
Mesomphix Vulgatus

Giant Forest Snail
Mesodon normalis

Isabella Moth (larva)
Isia isabella

Fall Webworm
Hyphantria cunea

Yellow Jacket (nest)
Vespula sp.

Bowl & Doily Spider
Frontinella pyramitela

Filmy Dome Spider
Prolinyphia marginata

Marbled Orb Weaver
Araneus marmoreus

Spider egg sac
Theridionoma sp.

Alder Blight Aphid
Prociphilus tessellata

Twig Girdler Beetle
Oncideres cingulatus

Witch Hazel Aphid gall
Homaphys hamamelidis

Spiny Witch Hazel Gall
Hamamelistes spinosus

Blackberry Knot Gall (Cynipid Wasp)
Diastrophus nebulosus



Chickadee

BROOKGREEN GARDENS

19 November 1983

We had forty members and guests make the trip to Brookgreen Gardens. The weather was surprisingly good and the temperature was moderate. Margaret Wren made the arrangements with Greg Cornwell and Penelope Fouts. We were very fortunate to have them as our guides, as none of our usual experts were able to make the trip. Nonetheless, we managed to compile an excellent list. Most of us were pleasantly surprised at the variety of flora and fauna seen on the grounds. One of the park personnel found a small red-bellied snake in the shrubbery near the education building.

Charles Lewis, SCAN President

Location: Georgetown County

FLORA

Tooth Fungus
Hericium erinaceus

Shaggy Mane (inky Cap)
Coprinus comatus

Lichen
Parmelia perforata

Meadow Spikemoss
Selaginella apoda

Royal Fern
Osmunda regalis spectabilis

Sensitive Fern
Onoclea sensibilis

Netted Chain Fern
Woodwardia areolata

Resurrection Fern
Polypodium polypodioides

Mosquito Fern
Azolla caroliniana

Loblolly Pine
Pinus taeda

Bald Cypress
Taxodium distichum

Switchcane
Arundinaria gigantea

Reed
Phragmites communis

Wild Rice
Zizania aquatica

Sandspurs
Cenchrus sp.

Broomsedge
Andropogon virginicus

Cabbage Palmetto
Sabal palmetto

Greenbrier
Smilax bona-nox

Bamboo Greenbrier
Smilax laurifolia

Adam's Needle Yucca
Yucca filamentosa

Water Spider Orchid
Habenaria repens

Swamp Willow
Salix caroliniana

Cottonwood
Populus heterophylla

Southern Waxmyrtle
Myrica cerifera

FLORA (Cont'd)

Water Hickory <i>Carya aquatica</i>	American Holly <i>Ilex opaca</i>	Dodder, Love Vine <i>Cuscuta gronovii</i>
American Beech <i>Fagus grandifolia</i>	Strawberry Bush, Heart's A' Bustin' with Love <i>Euonymus americanus</i>	Woolly Mullein <i>Verbascum thapsus</i>
Live Oak <i>Quercus laevis</i>	Muscadine <i>Vitis rotundifolia</i>	Crossvine <i>Anisostichus capreolata</i>
Black Jack Oak <i>Quercus marilandica</i>	Prickly Pear <i>Opuntia compressa</i>	Trumpet Creeper, Cow Itch <i>Campsis radicans</i>
Water Oak <i>Quercus nigra</i>	Prickly Pear <i>Opuntia drummondii</i>	Partridge Berry <i>Mitchella repens</i>
Heartleaf, Wild Ginger <i>Hexistylis arifolia</i>	Pennywort <i>Hydrocotyle bonariensis</i>	Elephant's Foot <i>Elephantopus tomentosus</i>
Sweet Bay Magnolia <i>Magnolia virginiana</i>	Sassafras <i>Sassafras albidum</i>	Carphephorus <i>Carphephorus bellidifolia</i>
Bull Bay <i>Magnolia grandiflora</i>	Black Gum <i>Nyssa sylvatica</i>	Groundsel-Tree <i>Baccharis glomeruliflora</i>
Sweet Gum <i>Liquidambar styraciflua</i>	Swamp Tupelo <i>Nyssa aquatica</i>	Aster <i>Aster sp.</i>
Witch Hazel <i>Hamamelis virginiana</i>	Sparkleberry <i>Vaccinium arboreum</i>	Heterotheca <i>Heterotheca graminifolia</i>
Sycamore <i>Platanus occidentalis</i>	Highbush Blueberry <i>Vaccinium corymbosum</i>	Beggar Tick <i>Bidens laevis</i>
Poison Ivy <i>Rhus radicans</i>	Horsesugar <i>Symplocos tinctoria</i>	

FAUNA

Orchard Spider <i>Leucauge venusta</i>	Sleepy Orange <i>Eurema nicippe</i>	American Painted Lady <i>Vanessa virginianensis</i>
Spiny-bodied Micrathena <i>Micrathena gracilis</i>	Monarch <i>Danaus p. plexippus</i>	Thread-legged Bug <i>Ereisa longipes</i>
Black Swallowtail <i>Papilio polyxenes</i>	Gulf Fritillary <i>Agraulis vanillae nigrior</i>	Ant Lion (larva) <i>Mymeleonidae</i>
Cloudless Sulphur <i>Phoebis sennae eubula</i>	Buckeye <i>Junonia coenia</i>	Twig Girdler Beetle <i>Oncideres cingulata</i>

FAUNA Cont'd)

Bird Grasshopper
Schistocerca sp.

Pygmy Grasshopper
Paratettix cuculatus

Carolina Mantid (egg mass)
Stagmomantis carolina

Green Treefrog
Hyla cinerea

Florida Cooter
Chrysemys floridana

Carolina Anole
Anolis carolinensis

Ground Skink
Scincella lateralis

Redbelly Snake (red orange
Coastal Plain phase)
Storeria occipitomaculata

Turkey Vulture
Cathartes aura

Red-tailed Hawk
Buteo jamaicensis

Marsh Hawk
Circus cyaneus

Turkey (scat)
Meleagris gallopavo

Great Horned Owl
Bubo virginianus

Common Flicker
Colaptes auratus

Pileated Woodpecker
Dryocopus pileatus

Red-bellied Woodpecker
Melanerpes carolinus

Yellow-bellied Sapsucker
Sphyrapicus varius

Downy Woodpecker
Picoides pubescens

Red-cockaded Woodpecker
Picoides borealis

Common Crow
Corvus brachyrhynchos

White-breasted Nuthatch
Sitta carolinensis

American Robin
Turdus migratorius

Blue-gray Gnatcatcher
Polioptila caerulea

Ruby-crowned Kinglet
Regulus calendula

American Goldfinch
Carduelis tristis

White-tailed Deer (tracks)
Odocoileus virginianus

Bobcat (scat)
Lynx rufus

Raccoon (tracks)
Procyon lotor

Opossum (skull)
Didelphis marsupialis

Beaver (gnawed wood)
Castor canadensis

Fox Squirrel (gray phase)
Sciurus niger



SANTEE NATIONAL WILDLIFE REFUGE

10 December 1983

The December trip came very close on the heels of the November trip and despite a few gaps in communication, turned out to be a good trip also. We were aware that the Audubon group was to be there the same week-end, but we were not aware that the park was under new supervision! However, all is well that ends well.

Charles Lewis, SCAN President

Location: Clarendon County

FLORA

Loblolly Pine <i>Pinus taeda</i>	Black Willow <i>Salix nigra</i>	Sweet-gum <i>Liquidambar styraciflua</i>
Bald Cypress <i>Taxodium distichum</i>	Swamp Cottonwood <i>Populus heterophylla</i>	Hawthorn <i>Crataegus</i>
Common Cat-tail <i>Typha latifolia</i>	Wax Myrtle <i>Myrica cerifera</i>	Black Cherry <i>Prunus serotina</i>
Cane <i>Arundinaria gigantea</i>	River Birch <i>Betula nigra</i>	China Berry <i>Melia azedarach</i>
Foxtail Grass <i>Setaria geniculata</i>	White Oak <i>Quercus alba</i>	Chinese Tallow Tree (Popcorn Tree) <i>Sapium sebiferum</i>
Beard Grass <i>Eriophorum giganteus</i>	Southern Red Oak <i>Quercus falcata</i>	Flowering Spurge <i>Euphorbia corollata</i>
Broomsedge <i>Andropogon virginicus</i>	Water Oak <i>Quercus nigra</i>	Winged Sumac <i>Rhus copallina</i>
Bulrush <i>Scirpus cyperinus</i>	Mistletoe <i>Phoradendron serotinum</i>	Possum Haw <i>Ilex decidua</i>
Spanish Moss <i>Tillandsia usneoides</i>	American Lotus <i>Nelumbo lutea</i>	Red Maple <i>Acer rubrum</i>
Catbrier <i>Smilax bona-nox</i>	Wild Radish <i>Raphanus raphanistrum</i>	Muscadine <i>Vitis rotundifolia</i>

FLORA (Cont'd)

Rose Mallow <i>Hibiscus moscheutos</i>	Night Shade <i>Solanum carolinense</i>	Groundsel-tree <i>Baccharis halimifolia</i>
Parrot Feather <i>Myriophyllum brasiliense</i>	Woolly Mullein <i>Verbascum thapsus</i>	Aster Aster
Persimmon (seeds in racoon scat) <i>Diospyros virginiana</i>	Trumpet Creeper (Cow-Itch Vine) <i>Campsis radicans</i>	Goldenrod <i>Solidago microcephala</i>
Indian Hemp <i>Apocynum cannabinum</i>	Japanese Honeysuckle <i>Lonicera japonica</i>	Bitter-weed <i>Helenium amarum</i>
Henbit <i>Lamium amplexicaule</i>	Arrowwood <i>Viburnum dentatum</i>	
Ground Cherry <i>Physalis angulata</i>	Dog-fennel <i>Eupatorium capillifolium</i>	

FAUNA

Common Loon <i>Gavia immer</i>	American Wigeon <i>Anas americana</i>	Great Horned Owl <i>Bubo virginianus</i>
American Anhinga <i>Anhinga anhinga</i>	Green-winged Teal <i>Anas crecca</i>	Barred Owl <i>Strix varia</i>
Double-crested Cormorant <i>Phalacrocorax auritus</i>	Hooded Merganser <i>Lophodytes cucullatus</i>	Belted Kingfisher <i>Megasceryle alcyon</i>
Great Blue Heron <i>Ardea herodias</i>	Red-tailed Hawk <i>Buteo jamaicensis</i>	Common Flicker <i>Colaptes auratus</i>
Great Egret <i>Casmerodius albus</i>	Bald Eagle <i>Haliaeetus leucocephalus</i>	Pileated Woodpecker <i>Dryocopus pileatus</i>
Snow Goose (white & grey phases, Blue Goose) <i>Chen caerulescens</i>	Northern Harrier (Marsh Hawk) <i>Circus cyaneus</i>	Downy Woodpecker <i>Picoides pubescens</i>
Canada Goose <i>Branta canadensis</i>	American Kestrel <i>Falco sparverius</i>	Eastern Phoebe <i>Sayornis phoebe</i>
Mallard <i>Anas platyrhynchos</i>	American Coot <i>Fulica americana</i>	Blue Jay <i>Cyanocitta cristata</i>

FAUNA (Cont'd)

Carolina Chickadee
Parus carolinensis

Tufted Titmouse
Parus bicolor

Carolina Wren
Thryothorus ludovicianus

Ruby-crowned Kinglet
Regulus calendula

Golden-crowned Kinglet
Regulus satrapa

Brown Thrasher
Toxostoma rufum

Northern Mockingbird
Mimus polyglottos

Hermit Thrush
Catharus guttatus

Pine Warbler
Dendroica pinus

Red-winged Blackbird
Agelaius phoeniceus

Eastern Meadowlark
Sturnella magna

Northern Junco
Junco hyemalis

Northern Cardinal
Cardinalis cardinalis

Swamp Sparrow
Melospiza georgiana

Yellow-rumped Warbler
Dendroica coronata

Monarch
Danaus plexippus

American Painted Lady
Cynthia (Vanessa) virginensis

Sleepy Orange
Eurema nicippe

Cloudless Sulphur
Phoebis sennae

Buckeye (male and female)
Precis (Junonia) coenia

Little Sulfur (male and female)
Eurema lisa

Gulf Fritillary
Agraulis vanillae

Carolina Mantid (egg case)
Stagmomantis carolina

Leaf-footed Bug
Leptoglossus phyllopus

Dragonfly
Sympetrum vicinum

American Bird Grasshopper
Schistocerca americana

Paper Wasp (nest)
Polistes

Bagworm (larval bag)
Thyridopteryx ephemeraeformis

Fire Ant
Solenopsis geminata

Goldenrod Ball Gali Fly
Eurostea solidaginis

Oak Bullet Gall Wasp
Disholcopsis

Raccoon (tracks & scat)
Procyon lotor

White-tail Deer
Odocoileus virginianus

Bobcat (scat)
Lynx rufus floridana



1984 FIELD TRIP LIST

DATE	SITE VISITED	COUNTY	PAGE
28 Jan 84	Annual Meeting	Richland	II-245
25 Feb 84	Carolina Sandhills NWR/ Sugar Loaf Mountain	Chesterfield	II-248
24 Mar 84	Santee Coastal Reserve	Charleston	II-252
21 Apr 84	Wood's Bay SP	Sumter	II-256
28,29 Apr 84	Oconee SP, Brasstown Falls, Walhalla Fish Hatchery	Oconee	II-259
26 May 84	Sumter National Forest	Abbeville	II-265
23 Jun 84	Boykin Mill Pond	Kershaw	II-269
28 Jul 84	King's Mountain SP	York	II-273
25 Aug 84	Caesar's Head, Raven Cliff Falls	Greenville	II-278
22, 23 Sep 84	Cheraw SP/Fish Hatchery	Chesterfield	II-283
27, 28 Oct 84	Edisto Beach SP/Dodge Plantation	Charleston/ Colleton	II-289
10 Nov 84	Broad River Waterfowl Area	Fairfield	II-297
1 Dec 84	Savannah NWF	Jasper	II-300

ANNUAL MEETING

14 February 1984

Welcome to 1984. Approximately 60 members started our year at a busy annual indoor meeting at the Criminal Justice Hall of Fame on January 28th. Many thanks to Jami Bennett for all her assistance. Members Frank Hill and Lou Deszeran gave a fascinating presentation on rocks, minerals, and gemstones. They were most generous to passing specimens, giving us a hands-on experience. Betty Gilbert, Decarie Dowling, Sara Simons, and Lynn Smith showed slides of our 1983 field trips. Betty's imagination lent a different perspective to our usual view. Many members brought displays of natural history specimens and books that really enriched the meeting. Let's do more of that!

The primary business conducted was reporting on the election. Both of the by-laws resolutions passed by large margins. Your new officers elected for 1984 are:

OFFICERS

President:	Lynn Smith
Vice-President:	Bill Carter
Secretary:	Betty Gilbert
Treasurer:	Frank Hill
Parliamentarian:	David Morris

REGIONAL DIRECTORS

North - Rick Renfrow
South - Margaret Weeks
East - Margaret Wren
West - Danny Smith

As the incoming president, I especially want to thank Charles Lewis and all the outgoing officers for their MANY hours of effort on SCAN's behalf during the past year. It was a learning year that has demonstrated that SCAN is an independent, viable organization. They have made the path for the incoming officers much wider and easier.

Field trips for 1984 will be held on the fourth Saturday of the month where possible. This was decided by vote at the annual meeting. It was also decided to let the old and new Boards of Directors choose two potential trip sites for each month and offer these to the members for a vote. The

SCAN: THE FIRST TEN YEARS

ballot and descriptions of the sites are enclosed.

For February we are going to Carolina Sandhills NWR three miles east of McBee in Chesterfield County. You should have received a postcard with a map. We will meet at the refuge office just off US 1 between 10:00 and 10:30 a.m. on February 25th. Bring a lunch. After lunch we plan to go to Sugar Loaf Mountains in Sandhills State Forest.

In March we will be going to Santee Coastal Reserve in Berkeley County near the mouth of the Santee River. April is our traditional mountain overnight. This year it will be April 28 and 29. We will base our operations at Oconee State Park. We will try a children's trip this year to Woods Bay State Park on Saturday, April 21. This is for SCAN members and their children. Children must be accompanied by their parents! Other SCAN members who wish to come do not have to be accompanied by children.

Reminder: Dues were due January 31st. If you haven't paid your dues for 1984, please do so at once. The statement on the registration form about not sending dues applied to new members, not renewals. A lot of folks forgot city, state, and zip code on their form. We will use last year's address unless you tell us there is an error. Dues, in case you have forgotten, are \$10.00 for the first member in a household. Each additional member sharing the same newsletter is \$5.00. For example, a husband and wife, each a member but sharing the same newsletter, would pay \$15.00. Send your dues and registration to the SCAN P.O. Box in Columbia.

Re: Projects. As part of the membership requirements to be a full member, a person must demonstrate that membership and participation in SCAN is not just a social activity. First year members and "non-contributing" members are restricted to associate membership, which means no vote and limited access to field trips should that become necessary. The project Charles asked you to contribute was one on several ways a person might qualify as a full member after his year of "Internship." The Board of Directors is to decide on each member each year. To guide the Board, we need some evidence of contribution from each of you. Here is a "layman's summary" of how to qualify as a full member.

1. Serve as an officer.
2. Help with a field trip or other SCAN project.
3. Contribute to the newsletter or annual meeting.
4. Use information learned in SCAN to teach SC natural history -- from leading a Cub Scout nature walk to teaching in the classroom.
5. Help update checklists.
6. Write a brief paper on some aspect of natural history, such as observations of specific plants or animals over a period of time. In short, what the Board needs is evidence that SCAN is a learning experience. Please let us know what you're doing by March 15.

This is a lot of information for one newsletter. As your new president, I'm still learning. If you have questions, please feel free to write to me at the SCAN address, or write or call me at home. I'm looking forward to this year.

Sincerely,

Lynn B. Smith, SCAN President

CAROLINA SANDHILLS NATIONAL WILDLIFE REFUGE
AND SUGAR LOAF MOUNTAIN RECREATION AREA

25 February 1984

The February field trip to Carolina Sandhills National Wildlife Refuge and Sugarloaf Mountains Recreation Area of Sandhills State Forest was a great way to start the year. Over 50 of us enjoyed almost perfect weather. There were several "first flowers" in bloom. Except for birds, fauna was scarce; however, one Red Admiral larva (*Vanessa atalanta*) was collected. Rudy reports that it pupated about 4 days later. An adult is eagerly awaited.

Notes to Beginners: Each month after the field trip we publish a checklist of flora and fauna seen on the previous field trip. This provides a record of what occurs at a particular site, but it serves also as a tool for learning. One of the most effective learning tools can be researching these plants and animals on your own. Look up and refresh your memory of Atlantic White Cedar (*Chamaecyparis thyoides*), for example, in an appropriate source book. If you don't own such a book, try your local library – most have a good collection of useful books on natural history. If you were not along on the field trip, use this approach to visit that location on paper. Experiences in the field and on paper reinforce each other very effectively. If you really want to learn, take the time to do it. The next time we find an Atlantic White Cedar on a field trip, maybe you won't need an "expert" to tell you what it is. Try looking up Sourwood (*Oxydendron arboreum*) and Persimmon (*Diospyros virginiana*) as well. Rudy loves to challenge us to tell the difference!

Lynn B. Smith, SCAN President

Location : Chesterfield County

FLORA

Bracken <i>Pteridium aquilinum</i>	Tag Alder <i>Alnus serrulata</i>	Red Maple <i>Acer rubrum</i>
Long-leaf Pine <i>Pinus palustris</i>	Turkey Oak <i>Quercus laevis</i>	St. Andrew's Cross <i>Hypericum hypericoides</i>
Pond Pine <i>Pinus serotina</i>	Blackjack Oak <i>Quercus marilandica</i>	St. John's Wort <i>Hypericum lloydii(?)</i>
Scrub Pine <i>Pinus virginiana</i>	Wild Ginger <i>Hexastylis sp.</i>	Violet <i>Viola sp.</i>
Atlantic White Cedar <i>Chamaecyparis thyoides</i>	Poke <i>Phytolacca americana</i>	Sweet Pepperbush <i>Clethra alnifolia</i>
Red Cedar <i>Juniperus virginiana</i>	Tulip Tree <i>Liriodendron tulipifera</i>	Pipsissewa <i>Chimaphila maculata</i>
Cane <i>Arundinaria gigantea</i>	Sweet Bay <i>Magnolia virginiana</i>	Mountain Laurel <i>Kalmia latifolia</i>
Love Grass <i>Eragrostis curvula(?)</i>	Red Bay <i>Persea borbonia</i>	Fetterbush <i>Lyonia lucida</i>
Orchard Grass <i>Dactylis glomerata</i>	Draba <i>Draba brachycarpa</i>	Staggerbush <i>Lyonia mariana</i>
Three Awn Grass <i>Aristida sp.</i>	Bittercress <i>Cardamine hirsuta</i>	Sourwood <i>Oxydendrom arboreum</i>
Panic Grass <i>Panicum sp.</i>	Purple Pitcher Plant <i>Sarracenia purpurea</i>	Trailing Arbutus <i>Epigaea repens</i>
Broomsedge <i>Andropogon virginicus</i>	Sundew <i>Drosera capillaris</i>	Sparkleberry <i>Vaccinium arboreum</i>
Broom Straw <i>Andropogon sp.</i>	Black Cherry <i>Prunus serotina</i>	Creeping Blueberry <i>Vaccinium crassifolium</i>
Sedge <i>Bulbostylis ciliatifolia</i>	Baptisia <i>Baptisia sp.</i>	High Bush Blueberry <i>Vaccinium sp.</i>
Bamboo <i>Smilax laurifolia</i>	Titl <i>Oynlla racemiflora</i>	Pyxie-moss <i>Pyxidantha barbulate</i>
Black Willow <i>Salix nigra</i>	American Holly <i>Ilex opaca</i>	Persimmon <i>Diospyros virginiana</i>
Mockernut <i>Carya tomentosa</i>	Inkberry <i>Ilex glabra</i>	Horsesugar <i>Symplocos tinctoria</i>

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Yellow Jessamine
Gelsemium sempervirens

Cudweed (host of *Cynthia*
larva)
Gnaphalium sp.

Groundsel-tree
Baccharis halimifolia

Wax Myrtle
Myrica cerifera

Bayberry
Myrica heterophylla

Wolf's Milk Slime
Lycogala epidendrum

Tree Ear
Auricularia auricula

Barometer Earthstar
Astraeus hygrometricus

FAUNA

Pied-billed Grebe
Podilymbus podiceps

Canada Goose
Branta canadensis

Green-winged Teal
Anas crecca

American Wigeon
Anas americana

Ring-necked Duck
Aythya collaris

Black Vulture
Coragyps atratus

Turkey Vulture
Cathartes aura

Northern Harrier (Marsh
Hawk)
Circus cyaneus

Red-tailed Hawk
Buteo jamaicensis

American Kestrel (Sparrow
Hawk)
Falco sparverius

Red-cockaded Woodpecker
Picoides borealis

American Crow
Corvus brachyrhynchos

Carolina Chickadee
Parus carolinensis

Tufted Titmouse
Parus bicolor

Ruby-crowned Kinglet
Regulus calendula

Golden-crowned Kinglet
Regulus satrapa

Eastern Bluebird
Sialia sialis

American Robin
Turdus migratorius

Wood Thrush (nest)
Hylocichla ustulata

Yellow-rumped Warbler
Dendroica coronata

Pine Warbler
Dendroica pinus

Red-eyed Vireo (nest)
Vireo olivaceus

Red-winged Blackbird
Agelaius phoeniceus

House Sparrow
Passer domesticus

Northern Junco
Junco hyemalis

Brown Creeper
Certhia familiaris

Ground Skink
Scincella lateralis

Filmy-dome Spider (Egg
Cases)
Prolinyphia marginata

Green Stink Bug
Acrosternum hilare

Twig-girdler Beetle (girdled
Mockernut twigs)
Oncideres cingulata

Red Bay Gail Aphid
Trioza magnoliae

Huckleberry Gail Wasp
Hemadas nubilipennis

American Painted Lady (larva)
Cynthia virginianensis

Sleepy Orange
Eurema nicippe

FAUNA (Cont'd)

Flannel Moth
Megalopyge opercularis

Paper Wasp (nest)
Polistes sp.

Van Nostrand's Forest Snail
Triodopsis vannostrandii

Fall Webworm (webs containing skeletonized leaves)
Hyphantria cunea

Noctuid Moth
Noctuidae sp.

White-tailed Deer (2 does)
Odocoileus virginianus



SANTEE COASTAL RESERVE

24 March 1984

The forty of us on the March trip to Santee Coastal Reserve were treated to a marvelous trip. We especially thank Tommy Strange, Waterfowl Biologist of the South Carolina Wildlife and Marine Resources Department for his hospitality and assistance in choosing the areas to visit. My only regret is that everyone could not have been along on the "scouting" trip and share seeing the three wild turkeys. The osprey at Washo's Reserve were highly visible to all. Santee Coastal Reserve also offers a unique escort service to arriving cars. The mosquitos fly in formation with you for the last 100 feet so they can intimately greet you when you step out of your car (or even roll down the window).

Notes to Beginners: Learning to recognize plants or animals quickly and accurately in the field takes practice. It helps to have a plan for learning in mind. You might try learning some general characteristics of large groups first, before narrowing your attention to a particular species. For example, if you decide you want to know more individual butterflies, then you might start with learning the difference between butterflies and moths, then learning the characteristics of swallowtails, hairstreaks, skippers, and so forth. After you feel comfortable with general groups, try working on one group at a time for individual characteristics. There will be individual key identifiers for each species which simplify sorting out similar ones. Some characteristics are hard to see, so don't be discouraged if you get to the large dark swallowtails and find you have to catch them and look closely to be certain what you have. Rest assured that the butterflies can tell the difference. On the fieldtrips, if someone says there goes a particular species, don't be afraid to say, "I'm learning; how did you know that was what you said it was?" Keep in mind your library is an excellent friend in the learning process.

Lynn B. Smith, SCAN President

Location : Charleston County

FLORA

Netted Chain Fern <i>Woodwardia areolata</i>	Water Oak <i>Quercus nigra</i>	Poison Ivy <i>Rhus Radicans</i>
Resurrection Fern <i>Polypodium polypodioides</i>	Knotweed <i>Polygonum sp.</i>	American Holly <i>Ilex opaca</i>
Long-leaf Pine <i>Pinus palustris</i>	Poke <i>Phytolacca americana</i>	Yaupon <i>Ilex vomitoria</i>
Bald Cypress <i>Taxodium distichum</i>	Chickweed <i>Stellaria media</i>	Red Maple <i>Acer rubrum</i>
Cane <i>Arundinaria gigantea</i>	Mouse-ear Chickweed <i>Cerastium glomeratum</i>	Red Buckeye <i>Aesculus pavia</i>
Uniola <i>Uniola sessiliflora</i>	Bull Bay <i>Magnolia grandiflora</i>	Supplejack <i>Berberia scandens</i>
Cord Grass <i>Spartina alterniflora</i>	Pawpaw <i>Asimina parviflora(?)</i>	Virginia Creeper <i>Parthenocissus quinquefolia</i>
Dwarf Palmetto <i>Sabal minor</i>	Red Bay <i>Persea borbonia</i>	Muscadine <i>Vitis rotundifolia</i>
Spirodela oligorrhiza <i>Spirodela polyrrhiza</i>	Bittercress <i>Cardamine pensylvanica</i>	Violet <i>Viola sp.</i>
Spanish Moss <i>Tillandsia usneoides</i>	Virginia Willow <i>Ita virginica</i>	Hercules Club <i>Aralia spinosa</i>
Catbrier <i>Smilax bona-nox</i>	Sweetgum <i>Liquidambar styraciflua</i>	Pennywort <i>Hydrocotyle ranunculoides</i>
Smilax <i>Smilax walteri</i>	Five-fingers <i>Potentilla canadensis</i>	Centella <i>Centella asiatica</i>
Bamboo <i>Smilax laurifolia</i>	Dewberry <i>Rubus sp.</i>	Tupelo Gum <i>Nyssa aquatica</i>
Iris <i>Iris sp.</i>	Lespedeza <i>Lespedeza thunbergii</i>	Flowering Dogwood <i>Cornus florida</i>
Wax Myrtle <i>Myrica cerifera</i>	Coral Bean <i>Erythrina herbacea</i>	Black Highbush Blueberry <i>Vaccinium atococcum</i>
Water Hickory <i>Carya aquatica</i>	Geranium <i>Geranium carolinianum</i>	Yellow Jessamine <i>Gelsemium sempervirens</i>
Live Oak <i>Quercus virginiana</i>	China-berry <i>Melia azedarach</i>	Henbit <i>Lamium amplexicaule</i>

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Toadflax
Linaria canadensis

Cross Vine
Anisostichus capreolata

Partridge Berry
Mitchella repens

Bluet
Houstonia missillia

Japanese Honeysuckle
Lonicera japonica

Coral Honeysuckle
Lonicera sempervirens

Sunbonnets
Chaptalia tomentosa

Goldenrod
Solidago sempervirens

Sea Oxeye
Borrchia frutescens

FAUNA

Brown Pelican
Pelecanus occidentalis

Double-crested Cormorant
Phalacrocorax auritus

Anhinga
Anhinga anhinga

Turkey Vulture
Cathartes aura

Northern Harrier (Marsh Hawk)
Circus cyaneus

Red-tailed Hawk
Buteo jamaicensis

Osprey
Pandion haliaetus

Wild Turkey
Meleagris gallopavo

Great Blue Heron
Ardea herodias

Green Heron
Butorides virescens

Clapper Rail
Rallus longirostris

Coot
Fulica americana

Common Flicker
Colaptes auratus

Pileated Woodpecker
Dryocopus pileatus

Downy Woodpecker
Dendrocopus pubescens

Fish Crow
Corvus ossifragus

Brown-headed Nuthatch
Sitta pusilla

Brown Thrasher
Toxostoma rufum

Eastern Bluebird
Sialia sialis

Blue-gray Gnatcatcher
Polioptila caerulea

Prothonotary Warbler
Protonotaria citrea

Parula Warbler
Parula americana

Yellow-rumped Warbler
Dendroica coronata

Pine Warbler
Dendroica pinus

Yellow-throated Warbler
Dendroica dominica

Red-winged Blackbird
Agelaius phoeniceus

Cardinal
Cardinalis cardinalis

White-tail Deer (tracks, bones)
Odocoileus virginianus

Raccoon (tracks)
Procyon lotor

Alligator
Alligator mississippiensis

Ground Skink
Scincella laterale

Yellow Rat Snake
Elaphe obsoleta quadrivittata

Cottonmouth
Agkistrodon piscivorus

Brimley's Chorus Frog
Pseudacris brimleyi

Spring Peeper
Hyla crucifer

Billbug
Calendra cariosa

FAUNA (Cont'd)

Striped Cucumber Beetle
Acalymma vittata

Spotless Lady Beetle
Cycloneda sanguinea

Firefly
Ellychnia corrusa

Potter Wasp (nest)
Eumenes fraternus

Polyphemus Moth (cocoon)
Antheraea polyphemus

Dragonfly (Nymphal skin)
Tetragoneuria cynosura

Red Bay Gail Aphid
Trioza magnoliae

Red-banded Hairstreak
Calycopis cecrops

Spring Azure
Celastrina argiolus psuadargiolus

Eastern Black Swallowtail
Papilio polyxenes asterius

Tiger Swallowtail
Papilio glaucus

Carolina Satyr
Euptychia hernes sosybia

Sleepy Orange
Eurema nicippe



WOOD'S BAY STATE PARK

21 April 1984

The few of us who braved rain to go with the children to Wood's Bay (children's trip) were treated to a lovely day by 11:00 a.m. It was not a good reptile day, but the list shows we saw many things.

Lynn B. Smith, SCAN President

Location : Sumter County

FLORA

Cinnamon Fern <i>Osmunda cinnamomea</i>	Spanish Moss <i>Tillandsia usneoides</i>	Sassafras <i>Sassafras albidum</i>
Royal Fern <i>Osmunda regalis spectabilis</i>	Bamboo <i>Smilax laurifolia</i>	Peppergrass <i>Lepidium virginicum</i>
Bracken <i>Peridium aquilinum</i>	Adams Needle <i>Yucca filamentosa</i>	Climbing Hydrangea <i>Decumaria barbara</i>
Netted Chain Fern <i>Woodwardia areolata</i>	Iris (Sweet Flag) <i>Iris virginica</i>	Virginia Willow <i>Itea virginica</i>
Ebony Spleenwort <i>Asplenium platyneuron</i>	Waxmyrtle <i>Myrica cerifera</i>	Sweet Gum <i>Liquidambar styraciflua</i>
Resurrection Fern <i>Polypodium polypodioides</i>	Lizard's Tail <i>Saururus cernuus</i>	Blackberry <i>Rubus sp.</i>
Loblolly Pine <i>Pinus taeda</i>	White Mulberry <i>Morus alba</i>	Dewberry <i>Rubus sp.</i>
Short-leaf Pine <i>Pinus echinata</i>	White Oak <i>Quercus alba</i>	Chickasaw Plum <i>Prunus augustifolia</i>
Bald Cypress <i>Taxodium distichum</i>	Heartleaf <i>Hexastylis arifolia</i>	Wood Sorrel <i>Oxalis sp.</i>
Pond Cypress <i>Taxodium ascendens</i>	Waterlily <i>Nymphaea odorata</i>	Cranesbill <i>Geranium carolinianum</i>
Peltandra <i>Peltandra virginica</i>	Sweet Bay <i>Magnolia virginiana</i>	Flowering Spurge <i>Euphorbia corollata</i>

FLORA (Cont'd)

Poison Ivy <i>Rhus radicans</i>	Sweet Pepperbush <i>Clethra alnifolia</i>	Trumpet Creeper <i>Campsis radicans</i>
Poison Oak <i>Rhus toxicodendron</i>	Pipsissewa <i>Chimaphila maculata</i>	Bladderwort <i>Utricularia inflata</i>
American Holly <i>Ilex opaca</i>	Pinxter-Flower Azalea <i>Rhododendron nudiflorum</i>	Bladderwort <i>Utricularia</i> sp.
Red Maple <i>Acer rubrum</i>	Doghobble <i>Leucothoe axillaris</i>	Partridge Berry <i>Mitchella repens</i>
Red Buckeye <i>Aesculus pavia</i>	Fetterbush <i>Leucothoe racemosa</i>	Japanese Honeysuckle <i>Lonicera japonica</i>
Virginia Creeper <i>Parthenocissus quinquefolia</i>	DogHobble <i>Lyonia lucida</i>	Coral Honeysuckle <i>Lonicera sempervirens</i>
Muscadine <i>Vitis rotundifolia</i>	Sparkleberry <i>Vaccinium arboreum</i>	Viburnum (2) <i>Viburnum</i> sp.
St. Andrew's Cross <i>Hypericum hypericoides</i>	Low Bush Blueberry <i>Vaccinium tenellum</i> (?)	Dwarf Dandelion <i>Krigia virginica</i>
Devil's Walking Stick <i>Aralia spinosa</i>	High Bush Blueberry <i>Vaccinium</i> sp.	Elephant's Foot <i>Elephantopus</i> sp.
Black Gum <i>Nyssa sylvatica</i>	Lyre-leaf Sage <i>Salvia lyrata</i>	Groundsel-tree <i>Baccharis halimifolia</i>
Flowering Dogwood <i>Cornus florida</i>	Cross Vine <i>Anisostichus capreolata</i>	Earthstar <i>Geastrum fimbriatum</i> (?)

FAUNA

Dragonfly <i>Tetragoneuria cymosura</i>	Pearl Crescent <i>Phyciodes tharos</i>	Six-spotted Fishing Spider <i>Dolomedes triton</i>
Creeping Water Bug <i>Pelocoris</i> sp.	Red Spotted Purple <i>Limenitis astyanax</i>	Silver-spotted Skipper <i>Epargyreus clarus</i>
Forest Tent Caterpillar <i>Malacosoma disstria</i>	Red-banded Hairstreak <i>Galycopis cecrops</i>	Carpenter Frog <i>Rana virgatipes</i>
Palamedes Swallowtail <i>Papilio palamedes</i>	Honeybee <i>Apis mellifera</i>	Alligator <i>Alligator mississippiensis</i>
Tiger Swallowtail <i>Papilio glaucus</i>	Bowl and Doily Spider <i>Frontinella pyramitella</i>	Florida Cooter <i>Chrysemys floridana</i>

FAUNA (Cont'd)

Yellow Belly Slider
Chrysemys scripta

Anhinga
Anhinga anhinga

Great Blue Heron
Ardea herodias

Barred Owl
Strix varia

Common Flicker
Colaptes auratus

Pileated Woodpecker
Dryocopus pileatus

Red-bellied Woodpecker
Melanerpes carolinus

Great Crested Flycatcher
Myiarchus crinitus

Acadian Flycatcher
Empidonax virens

Tufted Titmouse
Parus bicolor

Carolina Wren
Thryothorus ludovicianus

Gray Catbird
Dumetella carolinensis

Red Eyed Vireo
Vireo olivaceus

Prothonotary Warbler
Prothonotaria citrea

N. Parula Warbler
Parula americana

Yellow-throated Warbler
Dendroica dominica

Summer Tanager
Piranga rubra

Common Grackle
Quiscalus quiscula

Rufous Sided Towhee
Pipilo erythrophthalmus

Eastern Cotton Tail
Sylvilagus floridanus

Mystery Guest!
Homo sapien piscorum



OCONEE STATE PARK
OCONEE STATE PARK, BRASSTOWN FALLS, and
WALHALLA FISH HATCHERY

28 and 29 April 1984

If April showers bring May flowers, then our May field trip should be spectacular thanks to our April trips. To be honest, the rain was more threatening than precipitating. The mountain trip provided warm, clear, starry nights and cool, wet days. The only actual rain was, of course, when we were the farthest from the cars. It has been a late spring so we saw different flowers than we might have expected, but the mountains are exciting no matter what the time of year.

A highlight of the trip was a session on identifying plants in the field led by the renowned team of Smith and Jones (Danny and Tom, that is). These two have contributed an immeasurable amount to SCAN since we have given Rudy some time off for good behavior. Tom and Danny had several suggestions. Start before you leave home by researching the habitat you will be visiting. Use your library. One suggested book is *Natural Vegetation of South Carolina* by John M. Barry, University of South Carolina Press. Then look for the plants you expect to be at that site. Learn basic terminology of plants, i.e., sepal, petal, stamen, ovary, alternate, opposite, etc. Use the front of field guides; they contain a wealth of information to aid identification. To expand your general natural history, after you have mastered identification of a particular plant, learn to know what insects are common on it, what galls it often supports, and the related plant community.

A few of the items on this flora and fauna list will be followed by either a "B" to indicate that it was sited at Brasstown Falls, or an "F" for Walhalla Fish Hatchery.

Lynn B. Smith, SCAN President

Location : Oconee County

FLORA

Running Pine <i>Lycopodium flabelliforme</i>	Speckled Wood-lily (F) <i>Clintonia umbellulata</i>	Sweet Birch <i>Betula lenta</i>
Rattlesnake Fern <i>Botrychium virginianum</i>	False Solomon's Seal <i>Smilacina racemosa</i>	Hop Hornbeam <i>Ostrya virginiana</i>
Common Grapefern <i>Botrychium dissectum</i>	Yellow Mandarin (F) <i>Disporum lanuginosum</i>	Ironwood <i>Carpinus caroliniana</i>
Bracken <i>Pteridium aquilinum</i>	Solomon's Seal <i>Polygonatum biflorum</i>	Beech <i>Fagus grandifolia</i>
Christmas Fern <i>Polystichum acrostichoides</i>	Devil's Bit (B) <i>Chamaelirium luteum</i>	White Oak <i>Quercus alba</i>
New York Fern <i>Thelypteris noveboracensis</i>	Hellebore (F) <i>Veratrum parviflorum</i> (?)	Rock Chestnut Oak <i>Q. prinus</i>
Ebony Spleenwort <i>Asplenium platyneuron</i>	Trout Lily <i>Erythronium americanum</i>	Red Oak <i>Q. rubra</i>
Resurrection Fern <i>Polypodium polypodioides</i>	Bellwort <i>Uvularia sessilifolia</i>	Black Oak <i>Q. velutina</i>
White Pine <i>Pinus strobus</i>	Wild Yam <i>Dioscorea villosa</i>	Southern Red Oak <i>Q. falcata</i>
Scrub (Virginia) Pine <i>Pinus virginiana</i>	Narcissus <i>Narcissus</i> sp.	Buffalo Nut <i>Pyrularia pubera</i>
Canada Hemlock <i>Tsuga canadensis</i>	Yellow Star-grass <i>Hypoxis hirsuta</i>	Wild Ginger <i>Hexastylis arifolia</i>
Cane <i>Arundinaria gigantea</i>	Dwarf Iris <i>Iris verna</i>	Wild Ginger <i>Hexastylis shuttleworthii</i>
Grass <i>Microstegium vimineum</i>	Showy Orchis (F) <i>Orchis spectabilis</i>	Giant Chickweed <i>Stellaria pubera</i>
Jack in the Pulpit <i>Arisaema triphyllum</i>	Downy Rattlesnake Plantain <i>Goodyera pubescens</i>	Yellow-root <i>Xanthorhiza simplicissima</i>
Yellow Sweet Little Betsy <i>Trillium cuneatum luteum</i>	Cranefly Orchid <i>Tipularia discolor</i>	Columbine <i>Aquilegia canadensis</i>
Catesby's Trillium <i>Trillium catesbaei</i>	Tag Alder <i>Alnus serrulata</i>	Windflower <i>Thalictrum thalictroides</i>
Indian Cucumber Root <i>Medeola virginiana</i>	Hazel-nut <i>Corylus americana</i>	Meadow Rue <i>Thalictrum dioicum</i>

FLORA (Cont'd)

Buttercup <i>Ranunculus recurvatus</i>	Sweet-gum <i>Liquidambar styraciflua</i>	American Holly <i>Ilex opaca</i>
Windflower <i>Anemone quinquefolia</i>	Witch-hazel <i>Hamamelis virginiana</i>	Strawberry Bush <i>Euonymus americanus</i>
Windflower <i>Anemone lancifolia</i>	Sycamore <i>Platanus occidentalis</i>	Red Maple <i>Acer rubrum</i>
May-apple <i>Podophyllum peltatum</i>	Barren Strawberry (B) <i>Waldsteinia lobata</i>	Buckeye <i>Aesculus octandra</i>
Tulip Tree <i>Liriodendron tulipifera</i>	Five-fingers <i>Potentilla canadensis</i>	Jewel-weed <i>Impatiens capensis</i>
Umbrella Tree <i>Magnolia fraseri</i>	Blackberry <i>Rubus</i> sp.	St. Andrew's Cross <i>Hypericum hypericoides</i>
Sweet-shrub <i>Calycanthus floridus</i>	Rose <i>Rosa</i> sp.	Bird's Foot Violet <i>Viola pedata</i>
Sassafras <i>Sassafras albidum</i>	Apple <i>Malus pumila</i>	Violet <i>Viola papilionacea</i>
Spicebush <i>Lindera benzoin</i>	Hawthorn <i>Crataegus</i> sp.	Violet <i>V. blanda</i>
Bloodroot <i>Sanguinaria canadensis</i>	Service berry <i>Amelanchier arborea</i>	Violet <i>V. rotundifolia</i>
Winter cress <i>Barbarea verna</i>	Black Cherry <i>Prunus serotina</i>	Violet <i>V. hastata</i>
Riverweed (B) <i>Podostemum ceratophyllum</i>	Redbud <i>Cercis canadensis</i>	Violet <i>V. conspersa</i>
Virginia Willow <i>Ita virginica</i>	Honeylocust <i>Gleditsia triacanthos</i>	Violet <i>V. rafinesquii</i>
Climbing Hydrangea <i>Decumaria barbara</i>	Scotch Broom <i>Cytisus scoparius</i>	English Ivy <i>Hedera helix</i>
Hydrangea <i>Hydrangea arborescens</i>	Vetch <i>Vicia caroliniana</i>	Hercules Club <i>Aralia spinosa</i>
Oak-leaf Hydrangea (B) <i>Hydrangea quercifolia</i>	Wild Geranium <i>Geranium maculatum</i>	Golden Alexander <i>Zizia aurea</i>
Foamflower <i>Tiarella cordifolia</i>	Poison Ivy <i>Rhus radicans</i>	Meadow Parsnip <i>Thaspium trifoliatum</i>

FLORA (Cont'd)

Black Gum <i>Nyssa sylvatica</i>	Phlox <i>Phlox amoena</i>	Pale Indian-plantain <i>Cacalia atriplicifolia</i>
Flowering Dogwood <i>Cornus florida</i>	Phacelia (B) <i>Phacelia dubia</i>	Ragwort <i>Senecio smailii</i>
Dogwood <i>Cornus amomum</i>	Lousewort <i>Pedicularis canadensis</i>	Pussy-toes <i>Antennaria solitaria</i>
Alternate-leaf Dogwood <i>Cornus alternifolia</i>	Cross Vine <i>Anisostichus capreolata</i>	Robin's Plantain <i>Erigeron pulchellus</i>
Mountain Sweet Pepperbush <i>Clethra acuminata</i>	Partridge Berry <i>Mitchella repens</i>	Green and Gold <i>Chrysogonum virginianum</i>
Pipsissewa <i>Chimaphila maculata</i>	Bluets <i>Houstonia caerulea</i>	Coneflower <i>Rudbeckia laciniata</i>
Rosebay <i>Rhododendron maximum</i>	Bluets <i>Houstonia pusilla</i>	Lungwort Lichen <i>Lobaria pulmonaria</i>
Carolina Rhododendron <i>R. minus</i>	Bluets <i>Houstonia serpyllifolia</i>	Beard Lichen <i>Usnea</i>
Pinxter-flower <i>R. nudiflorum</i>	Bedstraw <i>Galium</i>	Black Knot <i>Apiosporina morbosa</i>
Mountain Laurel <i>Kalmia latifolia</i>	Japanese Honeysuckle <i>Lonicera japonica</i>	Yellow Morel <i>Morchella esculenta</i>
Dog Hobble <i>Leucothoe axillaris</i>	Coral Honeysuckle <i>Lonicera sempervirens</i>	Orange Jelly <i>Dacrymyces palmatus</i>
Trailing Arbutus <i>Epigaea repens</i>	Corn Salad <i>Valerianella radiata</i>	Violet Toothed Polypore <i>Trichaptum bififormis</i>
Galax <i>Galax aphylla</i>	Rattlesnake-root <i>Prenanthes</i>	Crowded Parchment <i>Stereum complicatum</i>
Silverbell <i>Halesia carolina</i>	Rattlesnake-weed <i>Hieracium venosum</i>	Marasmius
Ash, White or American <i>Fraxinus americana</i>	Dwarf Dandelion <i>Krigia virginica</i>	Stalked Puffball-in-Aspic <i>Calostoma cinnabarina</i>

ADDITIONAL FERNS FROM THE BRASSTOWN FALLS AREA, COURTESY OF DECANIE DOWLING

Cinnamon Fern
Osmunda Cinnamomea

Maidenhair Fern
Adiantum pedatum

Rock Cap Fern
Polypodium virginianum

Royal Fern
Osmunda regalis spectabilis

Northern Lady Fern
Athyrium angustum

FAUNA

Canada Goose
Branta canadensis

Wood Thrush
Hylocichla mustelina

Slimy Salamander
Plethodon glutinosus

Broad-winged Hawk
Buteo platypterus

Red-eyed Vireo
Vireo olivaceus

Fowler's Toad
Bufo woodhousei fowleri

Turkey Vulture
Cathartes aura

Northern Parula Warbler
Parula americana

Gray Treefrog
Hyla chrysoscelis(?)

Pileated Woodpecker
Dryocopus pileatus

Black & White Warbler
Mniotilta varia

Spring Peeper
Hyla crucifer

Great Crested Flycatcher
Myiarchus crinitus

Pine Warbler
Dendroica pinus

Eastern Fence Lizard
Sceloporus undulatus

Eastern Phoebe
Sayornis phoebe

Hooded Warbler
Wilsonia citrina

Eastern Tailed Blue
Eumeces comyntas

Eastern Peewee
Contopus virens

Ovenbird
Seiurus aurocapillus

Spring Azure
Celastrina ladon (argiolus)

Chimney Swift
Chaetura pelagica

Northern Cardinal
Cardinalis cardinalis

Falcate Orangetip
Anthocharis midea

American Crow
Corvus brachyrhynchos

Red Squirrel
Tamiasciurus hudsonicus

Pearl Cresent
Phyciodes tharos

Blue Jay
Cyanocitta cristata

Beaver (gnawed wood)
Castor canadensis

Tiger Swallowtail
Pterourus (Papilio) glaucus

Carolina Chickadee
Parus carolinensis

White-tailed Deer
Odocoileus virginianus

Luna Moth
Actias luna

Tufted Titmouse
Parus bicolor

Raccoon (tracks)
Procyon lotor

Geometer Moth
Plagodis alcoalaria

Eastern Bluebird
Sialia sialis

Three-lined Salamander
Eurycea guttolineata

Vestal Tiger Moth
Maenas vestalis

FAUNA (Cont'd)

Rough Prominent
Nadata gibbosa

Azalea Sphinx
Darapsa photus

Eastern Tent Caterpillar
Malacosoma americanum

Chinese Mantid (egg case)
Tenodera aridifolia

Wooly Aphid
Procliphilus tessellata

Dragonfly
Gomphus lividus

Little Corporal Dragonfly
Ladona deplanata

Common Great Zonite
Mesomphix vulgatus

Giant Forest Snail
Mesodon normalis

Disk Cannibal Snail
Haplotrema concavum

Freshwater Snail
Goniobasis sp.

Long-jawed Orb Weaver
Tetragnatha

Green Lacewing
Chrysopa

Common Backswimmer
Notonecta undulata

Lady Beetle
Hyperaspis

Flea Beetle
Oediorhynchus

Velvet Mite
Trombidium

Six-spotted Green Tiger
Beetle
Cicindela sexguttata

Huckleberry Stem Gall Wasp
Hemadas nubilipennis

Blackberry Knot Gall Wasp
Diastrophus nebulosus

Millipedes 1



SUMTER NATIONAL FOREST

26 MAY 1984

The May trip to the *Swertia* site in Sumter National Forest was SPECTACULAR (for plant lovers). Twenty-six of us covered a lot of ground and saw a lot of uncommon plants. Those who did not get poison ivy missed their best chance of the year. The *Swertia* was not in bloom, but there were lots of plants to give one faith. This is a special site worthy of protection. Barry Gambrell, who introduced Rudy to this site, was with us as our guide and we thank him for leading the way. The list will show you all the special things we saw.

Lynn B. Smith, SCAN President

Location : Abbeville County

FLORA

Running Pine <i>Lycopodium flabelliforme</i>	Rye Grass <i>Lolium multiflorum</i>	Solomon's Seal <i>Polygonatum biflorum</i>
Rattlesnake Fern <i>Botrychium virginianum</i>	Hair Grass <i>Alra elegans</i>	Fly Poison <i>Amlanthium muscaetoxicum</i>
Common Grapefern <i>Botrychium dissectum</i>	Needle Grass <i>Stipa avenacea</i>	Bellwort <i>Uvularia perfoliata</i>
Christmas Fern <i>Polystichum acrostichoides</i>	Panic Grass <i>Panicum sp.</i>	Wild Yam <i>Dioscorea villosa</i>
Ebony Spleenwort <i>Asplenium platyneuron</i>	Grass <i>Microstegium vimineum</i>	Blue-eyed Grass <i>Sisyrinchium sp.</i>
Red Cedar <i>Juniperus virginiana</i>	Jack in the Pulpit <i>Arisaema triphyllum</i>	Downy Rattlesnake Plantain <i>Goodyera pubescens</i>
Cane <i>Arundinaria gigantea</i>	Spiderwort <i>Tradescantia sp.</i>	Black Walnut <i>Juglans nigra</i>
Orchard Grass <i>Dactylis glomerata</i>	Little Sweet Betsy <i>Trillium cuneatum luteum</i>	River Birch <i>Betula nigra</i>
Melic Grass <i>Melica mutica</i>	False Solomon's Seal <i>Smilacina racemosa</i>	Hop Hornbeam <i>Ostrya virginiana</i>

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Ironwood <i>Carpinus caroliniana</i>	Bloodroot <i>Sanguinaria canadensis</i>	Wild Geranium <i>Geranium maculatum</i>
Beech <i>Fagus grandifolia</i>	Climbing Hydrangea <i>Decumaria barbara</i>	Cranesbill <i>Geranium carolinianum</i>
American Elm <i>Ulmus americana</i>	Sweetgum <i>Liquidambar styraciflua</i>	Flowering Spurge <i>Euphorbia corollata</i>
Winged Elm <i>U. alata</i>	Witch-hazel <i>Hamamelis virginiana</i>	Poison Ivy <i>Rhus Radicans</i>
Red Mulberry <i>Morus rubra</i>	Strawberry <i>Fragaria virginiana</i>	Winged Sumac <i>Rhus copallina</i>
Pink <i>Dianthus ameria</i>	Indian Strawberry <i>Duchesnea indica</i>	Strawberry Bush <i>Euonymus americanus</i>
Birthwort <i>Aristolochia serpentaria</i>	Wild Rose <i>Rosa carolina</i>	Red Maple <i>Acer rubrum</i>
Doll's Eyes <i>Actaea pachypoda</i>	Hawthorn <i>Crataegus sp.</i>	Chalk Maple <i>Acer saccharum, ssp. leucoderme</i>
Meadow Rue <i>Thalictrum sp.</i>	Black Cherry <i>Prunus serotina</i>	Buckeye <i>Aesculus sylvatica (?)</i>
Liverleaf <i>Hepatica americana</i>	Redbud <i>Cercis canadensis</i>	New Jersey Tea <i>Ceananthus americanus</i>
May-apple <i>Podophyllum peltatum</i>	Honey Locust <i>Gleditsia triacanthos</i>	Buckthorn <i>Rhamnus caroliniana</i>
Coralbeads <i>Cocculus carolinus</i>	Crimson Clover <i>Trifolium incarnatum</i>	Virginia Creeper <i>Parthenocissus quinquefolia</i>
Tulip Tree <i>Liriodendron tulipifera</i>	Dollarleaf <i>Desmodium rotundifolium</i>	Muscadine <i>Vitis rotundifolia</i>
Umbrella Tree <i>Magnolia tripetala</i>	Lespedeza <i>L. procumbens (?)</i>	Basswood <i>Tilia sp.</i>
Pawpaw <i>Asimina triloba</i>	Lespedeza <i>L. cuneata (?)</i>	Green Violet <i>Hybanthus concolor</i>
Sweetshrub <i>Calycanthus floridus</i>	Vetch <i>Vicia sp.</i>	Passion-flower <i>Passiflora lutea</i>
Spicebush <i>Lindera benzoin</i>	Hog Peanut <i>Amphicarpa bracteata</i>	Ginseng <i>Panax quinquefolium</i>

FLORA (Cont'd)

Queen Anne's Lace <i>Daucus carota</i>	Lyre-leaf Sage <i>Salvia lyrata</i>	Venus Looking-glass <i>Specularia perfoliata</i>
Sweet Chervil <i>Osmorhiza longistylis</i>	Collinsonia <i>Collinsonia canadensis</i>	Rattlesnake Root <i>Prenanthes</i> sp.
Golden Alexander <i>Zizia aurea</i>	Beard-tongue <i>Penstemon</i> sp.	Pale Indian Plantain <i>Cacalia atriplicifolia</i>
Flowering Dogwood <i>Cornus florida</i>	Toad Flax <i>Linaria canadensis</i>	Groundsel <i>Senecio smallii</i>
Pipsissewa <i>Chimaphila maculata</i>	Cross Vine <i>Anisostichus capreolata</i>	Cudweed <i>Gnaphalium</i> sp.
Persimmon <i>Diospyros virginiana</i>	Trumpet Creeper <i>Campsis radicans</i>	Green and Gold <i>Chrysogonum virginianum</i>
Yellow Jessamine <i>Gelsemium sempervirens</i>	Beechdrops <i>Epifagus virginiana</i>	Wing-stem <i>Verbesina</i> sp.
Indian Pink <i>Spigelia marilandica</i>	Partridge Berry <i>Mitchella repens</i>	Ox-eye Daisy <i>Chrysanthemum leucanthemum</i>
Columbo <i>Swertia carolinensis</i>	Bluets <i>Houstonia purpurea</i>	Common Split Gill <i>Schizophyllum commune</i>
Milkweed <i>Asclepias amplexicaulis</i>	Bedstraw <i>Galium</i> sp.	Violet Toothed Polypore <i>Trichaptum bififormis</i>
Angle-pod <i>Matelea</i> sp.	Japanese Honeysuckle <i>Lonicera japonica</i>	Chocolate Tube Slime <i>Stemonitis splendens</i>
Dodder <i>Cuscuta</i> sp.	Coral Honeysuckle <i>Lonicera sempervirens</i>	Coral Spot Fungus <i>Nectria cinnabarina</i> (?)
Morning Glory <i>Ipomoea</i> sp.	Corn Salad <i>Valerianella radiata</i>	Devil's Urn <i>Urnula craterum</i>



SCAN: THE FIRST TEN YEARS

FAUNA

Red-tailed Hawk <i>Buteo jamaicensis</i>	Indigo bunting <i>Passerina cyanea</i>	Spring Azure <i>Celastrina ladon</i>
Turkey Vulture <i>Cathartes aura</i>	Rufous-sided Towhee <i>Pipilo erythrophthalmus</i>	E. Tailed Blue <i>Everes corymtas</i>
Ruby-throated Hummingbird <i>Archilochus colubris</i>	Field Sparrow <i>Spizella pusilla</i>	Tiger Swallowtail <i>Pterourus glaucus</i>
Pileated Woodpecker <i>Dryocopus pileatus</i>	White-tail Deer (track) <i>Odocoileus virginianus</i>	Spicebush Swallowtail <i>Pterourus troilus</i>
Red-bellied Woodpecker <i>Melanerpes carolinus</i>	Raccoon (track) <i>Procyon lotor</i>	Alfalfa Butterfly <i>Colias eurytheme</i>
Great Crested Flycatcher <i>Myiarchus cineritus</i>	Beaver (gnaw) <i>Castor canadensis</i>	American Painted Lady <i>Vanessa virginienis</i>
Eastern Peewee <i>Contopus virens</i>	Eastern Cottontail <i>Sylvilagus floridanus</i>	Harvester <i>Feniseca tarquinus</i>
Acadian Flycatcher <i>Empidonax virescens</i>	Gray Treefrog <i>Hyla versicolor</i>	Lichen Moth <i>Lycomorpha Pholus</i>
Brown-headed Nuthatch <i>Sitta pusilla</i>	Fowler's Toad <i>Bufo woodhousei fowleri</i>	Green Darner <i>Anax junius</i>
Blue Jay <i>Cyanocitta cristata</i>	E. Fence Lizard <i>Sceloporus undulatus</i>	Black-winged Damselty <i>Calopteryx maculata</i>
N. Parula Warbler <i>Parula americana</i>	Rough Green Snake <i>Opheodrys aestivus</i>	N. Black Widow <i>Latrodectus variolus</i>
Pine Warbler <i>Dendroica pinus</i>	Eastern Box Turtle <i>Terrapene carolina</i>	Witch Hazel Cone Gall Aphid <i>Hormphis hamaelidis</i>
Yellow-breasted Chat <i>Icteria virens</i>	Hoary Edge Skipper <i>Achalarus lyclades</i>	Dodder Beetle (gall) <i>Smicronyx sp.</i>
Prairie Warbler <i>Dendroica discolor</i>	Creole Pearly-eye <i>Enodia oreola</i>	Fire-colored Beetle <i>Neopyrochroa flabellata</i>
Summer Tanager <i>Piranga rubra</i>	Little Wood Satyr <i>Megisto cymela</i>	Leaf-mining Beetle <i>Baliosis ruber</i>

BOYKIN MILL POND

23 JUNE 1984

Thirty-four of us enjoyed a delightful day at Boykin Mill Pond. Even the clouds cooperated by keeping things overcast and temperatures pleasant. Enough boats and canoes were rounded up so that everyone who wished to go out on the pond could do so at the same time. Even the folks on shore got to see a purple gallinule leading its black fuzzy chicks out across the lily pads. Again many thanks to Mr. and Mrs. Whit Boykin for having us, and to Frank Hill for making the arrangements.

Lynn B. Smith, SCAN President

Location : Kershaw County

FLORA

Bracken <i>Pteridium aquilinum</i>	Cane <i>Arundinaria gigantea</i>	Path Rush <i>Juncus tenuis</i>
Southern Lady Fern <i>Athyrium asplenoides</i>	Southern Wild Rice <i>Zizaniopsis miliacea</i>	Catbrier <i>Smilax glauca</i>
Netted Chain-fern <i>Woodwardia areolata</i>	Spike Rush <i>Eleocharis equisetoides</i>	Lizard's Tail <i>Saururus cernuus</i>
Ebony Spleenwort <i>Asplenium platyneuron</i>	Peltandra <i>Peltandra virginica</i>	Black Willow <i>Salix nigra</i>
Resurrection Fern <i>Polypodium polypodioides</i>	Duckweed <i>Lemna perpusilla</i>	Wax Myrtle <i>Myrica cerifera</i>
Loblolly Pine <i>Pinus taeda</i>	Duckweed <i>Lemna valdiviana</i>	Tag Alder <i>Alnus serrulata</i>
Bald Cypress <i>Taxodium distichum</i>	Wolffia <i>Wolffia floridana</i>	Post Oak <i>Quercus stellata</i>
Pond Cypress <i>T. ascendens</i>	Pickereelweed <i>Pontederia cordata</i>	Water Oak <i>Q. nigra</i>
Common Cattail <i>Typha latifolia</i>	Rush <i>Juncus effusus</i>	American Elm <i>Ulmus americana</i>

FLORA (Cont'd)

Winged Elm <i>U. alata</i>	Pencil Flower <i>Stylosanthes biflora</i>	Water Loosestrife <i>Decodon verticillatus</i>
Hackberry, Sugarberry <i>Celtis laevigata</i>	Tephrosia <i>Tephrosia spicata</i>	Myriophyllum <i>Myriophyllum heterophyllum</i>
Red Mulberry <i>Morus rubra</i>	Butterfly Pea <i>Centrosema virginianum</i>	Black Gum <i>Nyssa sylvatica</i>
False Nettle <i>Boehmeria cylindrica</i>	Kudzu <i>Pueraria lobata</i>	Black Gum <i>N. s. var. biflora</i>
Poke <i>Phytolacca americana</i>	Spurge <i>Euphorbia sp.</i>	Water Gum <i>Nyssa aquatica</i>
Spatter-dock <i>Nuphar luteum</i>	Poison Ivy <i>Rhus radicans</i>	Fetterbush <i>Lyonia lucida</i>
Water-lily <i>Nymphaea odorata</i>	Winged Sumac <i>Rhus copallina</i>	Fetterbush <i>Leucothoe racemosa</i>
Water Shield <i>Brasenia schreberi</i>	Titi <i>Cynilla racemiflora</i>	Blueberry <i>Vaccinium sp.</i>
Sweet Bay <i>Magnolia virginiana</i>	Holly <i>Ilex sp.</i>	Storax, Snowbell <i>Styrax americana</i>
Sassafras <i>Sassafras albidum</i>	Box Elder <i>Acer negundo</i>	Yellow Jessamine <i>Gelsemium sempervirens</i>
Sweet-gum <i>Liquidambar styraciflua</i>	Red Maple <i>Acer rubrum</i>	Polypremum <i>Polypremum procumbens</i>
Blackberry <i>Rubus sp.</i>	Virginia Creeper <i>Parthenocissus quinquefolia</i>	Floating-heart <i>Nymphoides cordata</i>
Cherokee Rose <i>Rosa laevigata</i>	Muscadine <i>Vitis rotundifolia</i>	Floating-heart <i>Nymphoides aquatica</i>
Crab-apple <i>Malus angustifolia</i>	Pepper-vine <i>Ampelopsis arborea</i>	Dodder <i>Cuscuta sp.</i>
Black Cherry <i>Prunus serotina</i>	Sida <i>Sida rhombifolia</i>	Dichondra <i>Dichondra carolinensis</i>
Mimosa, Silk-tree <i>Albizia julibrissin</i>	St. Andrew's Cross <i>Hypericum hypericoides</i>	Verbena <i>Verbena brasiliensis</i>
Cassia <i>Cassia sp.</i>	Pin-weed <i>Lechea villosa</i>	Beauty-berry <i>Callicarpa americana</i>

FLORA (Cont'd)

Heal-all
Prunella vulgaris

Bugleweed
Lycopus sp.

Nightshade
Solanum carolinense

(floating mat/blue flo.)
Bacopa caroliniana

Woolly Mullein
Verbascum thapsus

Cow-itch, Trumpet creeper
Campsis radicans

Bladderwort
Utricularia purpurea

Bladderwort
U. biflora (?)

English Plantain
Plantago lanceolata

Plantain
Plantago aristata

Button Bush
Cephalanthus occidentalis

Diodia
Diodia virginiana

Bedstraw
Gallium sp.

Elderberry
Sambucus canadensis

Wahlenbergia marginata

Wild Lettuce
Lactuca sp.

Ragwort
Senecio smallii

Groundsel-tree
Baccharis halimifolia

Goldenrod
Solidago sp.

Common Split Gill (mush-
room)
Schizophyllum commune

FAUNA

Eastern Cottontail
Sylvilagus floridanus

Freshwater Shrimp
Palaemonetes paludosus

Water Turkey
Anhinga anhinga

American Coot
Fulica americana

Common Gallinule
Gallinula chloropus

Purple Gallinule
Porphyrio martinica

Great Blue Heron
Ardea herodias

Little Blue Heron
Florida caerules

Great Egret
Casmerodius albus

Snowy Egret
Egretta thula

Cattle Egret
Bubulcus ibis

Green Heron
Butorides striatus

Glossy Ibis
Plegadis falcinellus

White Ibis
Eudocimus albus

Barred Owl
Strix varia

Belted Kingfisher
Megasceryle alcyon

Eastern Kingbird
Tyrannus tyrannus

Purple Martin
Progne subis

Rough-winged Swallow
Stelgidopteryx ruficollis

Fish Crow
Corvus ossifragus

American Crow
C. brachyrynchos

Prothonotary Warbler
Protonotaria citrea

Red-winged Blackbird
Agelaius phoeniceus

Northern Cardinal
Cardinalis cardinalis

Rufous-sided Towhee
Pipilo erythrophthalmus

Southern Cricket Frog
Acris gryllus

Green Treefrog
Hyla cinerea

FAUNA (Cont'd)

Bullfrog
Rana catesbeiana

Green Frog
Rana clamitans

Carpenter Frog
Rana virgatipes

American Alligator
Alligator mississippiensis

Carolina Anole
Anolis carolinensis

Skink (5-lined or SE 5-lined)
Eumeces sp.

Dragonfly (adult & nymphal skin)
Celithemis fasciata

Green Jacket
Erythemis simplicicollis

Dragonfly
Libellula incesta

Dragonfly
Pachydiplax longipennis

Amber Wing Dragonfly
Perithemis tenera

White Tail Dragonfly
Plathemis lydia

Tiger Swallowtail
Pterourus glaucus

Spicebush Swallowtail
Pterourus troilus

Pearl Cresent
Phyciodes tharos

Buckeye
Junonia coenia

Red-spotted Purple
Basilarchia astyanax

Hackberry Butterfly
Asterocampa celtis

Snout Butterfly
Libytheana bachmanii

Sleepy Orange
Eurema nicippe

Moth (cocoon)
Bucculatrix sp.

Black-banded Holomelina
Moth
Holomelina brevicornis

Silver-spotted Skipper
Epargyreus clarus

Japanese Beetle
Popillia japonica

Six-spotted Fishing Spider
Dolomedes triton

Carolina Mantid (eggcase)
Stagmomantis carolina

Cypress Twig Gall
Thecodiplosis ananasi

Cypress Flower Gall
Itonida anthici



KING'S MOUNTAIN STATE PARK

28 JULY 1984

Clouds and rain rather than sun and heat dominated our July trip to King's Mountain State Park, giving a list short on reptiles and flying insects, but long on mushrooms. The list doesn't include all the mushrooms, just the ones we had room to carry home for identification. (Rudy Mancke and Cathy Jones did the honors.) All the rain in the upcountry is going to assure a spectacular flow in Matthews Creek over Raven Cliff Falls for our August field trip. That's the silver lining to the current wet weather.

Lynn B. Smith, SCAN President

Location : York County

FLORA

Rattlesnake Fern <i>Botrychium virginianum</i>	Red Cedar <i>Juniperus virginiana</i>	Dayflower <i>Commelina communis</i>
Cinnamon Fern <i>Osmunda cinnamomea</i>	Cane <i>Arundinaria gigantea</i>	Carrión-flower <i>Smilax ecirrhata biltmoreana</i>
Royal Fern <i>O. Regalis</i> var. <i>spectabilis</i>	Grass <i>Uniola sessiliflora</i>	False Solomon's Seal <i>Smilacina racemosa</i>
Bracken <i>Pteridium aquilinum</i>	Wild Rye Grass <i>Elymus virginicus</i>	Solomon's Seal <i>Polygonatum biflorum</i>
Southern Lady Fern <i>Athyrium asplenoides</i>	Grass <i>Microstegium vimineum</i>	Colicroot <i>Aletris farinosa</i>
Christmas Fern <i>Polystichum acrostichoides</i>	Sedge <i>Cyperus</i> sp.	Wild Yam <i>Dioscorea villosa</i>
New York Fern <i>Thelypteris noveboracensis</i>	Spike-rush <i>Eleocharis quadrangulata</i>	Yellow Star-grass <i>Hypoxis hirsuta</i>
Sensitive Fern <i>Onoclea sensibilis</i>	Carex <i>Carex glaucescens</i>	Downy Rattlesnake Plantain <i>Goodyera pubescens</i>
Short-leaf Pine <i>Pinus echinata</i>	Jack-in-the-pulpit <i>Arisaema triphyllum</i>	Crane-fly Orchid <i>Tipularia discolor</i>

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Black Willow <i>Salix nigra</i>	Yellow-root <i>Xanthorhiza simplicissima</i>	Sericea <i>Lespedeza cuneata</i>
Mockernut <i>Carya tomentosa</i>	Meadow Rue <i>Thalictrum</i> sp.	Tephrosia <i>Tephrosia spicata</i>
Tag Alder <i>Alnus serrulata</i>	Tulip Tree <i>Liriodendron tulipifera</i>	Butterfly Pea <i>Centrosema virginianum</i>
Hazel-nut <i>Corylus americana</i>	Umbrella Tree <i>Magnolia tripetala</i>	Wild Geranium <i>Geranium maculatum</i>
Ironwood <i>Carpinus caroliniana</i>	Sweet-shrub <i>Calycanthus floridus</i>	<i>Polygala verticillata ambigua</i>
Beech <i>Fagus grandifolia</i>	Sassafras <i>Sassafras albidum</i>	<i>Polygala incarnata</i>
White Oak <i>Quercus alba</i>	Alumroot <i>Heuchera americana</i>	Three-seeded Mercury <i>Acalypha rhombioides</i>
Post Oak <i>Q. stellata</i>	Sweet-gum <i>Liquidambar styraciflua</i>	Flowering Spurge <i>Euphorbia corollata</i>
Rock Chestnut Oak <i>Q. prinus</i>	Witch-hazel <i>Hamamelis virginiana</i>	Poison Ivy <i>Rhus radicans</i>
Black Oak <i>Q. velutina</i>	Serviceberry <i>Amelanchier arborea</i>	Strawberry Bush, Heart's A'Bustin' with Love <i>Euonymus americanus</i>
Southern Red Oak <i>Q. falcata</i>	Black Cherry <i>Prunus serotina</i>	Red Maple <i>Acer rubrum</i>
American Elm <i>Ulmus americana(?)</i>	Mimosa <i>Albizia julibrissin</i>	Jewel-weed <i>Impatiens capensis</i>
Red Mulberry <i>Morus rubra</i>	Sensitive Brier <i>Schrankia microphylla</i>	New Jersey Tea <i>Ceanothus americanus</i>
False Nettle <i>Boehmeria cylindrica</i>	Redbud <i>Cercis canadensis</i>	Virginia Creeper <i>Parthenocissus quinquefolia</i>
Birthwort <i>Aristolochia serpentaria</i>	Pencil Flower <i>Stylosanthes biflora</i>	Muscadine <i>Vitis rotundifolia</i>
Wild Ginger <i>Hexastylis virginica(?)</i>	Beggar Lice <i>Desmodium nudiflorum</i>	Pepper-vine <i>Amelopsis arborea</i>
Tearthumb <i>Polygonum sagittatum</i>	Beggar Lice <i>Desmodium</i> spp.	St. John's Wort <i>Hypericum mutilum</i>

FLORA (Cont'd)

Halberd-leaved Violet <i>Viola hastata</i>	Galax <i>Galax aphylla</i>	Lousewort <i>Pedicularis canadensis</i>
Yellow Passion-flower <i>Passiflora lutea</i>	Whorled Loosestrife <i>Lysimachia quadrifolia</i>	Trumpet creeper, Cow-itch <i>Campsis radicans</i>
Sanicle <i>Sanicula canadensis</i>	Persimmon <i>Diospyros virginiana</i>	Plantain <i>Plantago rugelii</i>
Angelica <i>Angelica venenosa</i>	White Ash <i>Fraxinus americana</i>	Button Bush <i>Cephalanthus occidentalis</i>
Black Gum <i>Nyssa sylvatica</i>	Fringe-tree <i>Chionanthus virginicus</i>	Partridge Berry <i>Mitchella repens</i>
Flowering Dogwood <i>Cornus florida</i>	Privet <i>Ligustrum sinense</i>	Bedstraw <i>Galium circaezans</i>
Silky Dogwood <i>Cornus amomum</i>	Indian Pink <i>Spigella marilandica</i>	Ragweed <i>Ambrosia artemisiifolia</i>
Indian Pipe <i>Monotropa uniflora</i>	Polypremum <i>Polypremum procumbens</i>	Wild Lettuce <i>Lactuca sp.</i>
Pipsissewa, Spotted Winter-green <i>Chimaphila maculata</i>	Dodder <i>Cuscuta sp.</i>	Ironweed <i>Vernonia sp.</i>
Pine-sap <i>M. hypopitys</i>	Man-root <i>Ipomoea pandurata</i>	Joe-pye-weed <i>Eupatorium sp.</i>
Azalea <i>Rhododendron sp.</i>	Skullcap <i>Scutellaria sp.</i>	Elephant's-foot <i>Elephantopus tomentosus</i>
Mountain Laurel <i>Kalmia latifolia</i>	Heal-all <i>Prunella vulgaris</i>	Pussy-toes <i>Antennaria plantaginifolia</i>
Dog Hobbie <i>Leucothoe axillaris</i>	Lyre-leaved Sage <i>Salvia lyrata</i>	Bearsfoot <i>Polymnia uvedalia</i>
Sourwood <i>Oxydendron arboreum</i>	Bugleweed <i>Lycopus virginicus</i>	Silphium <i>Silphium compositum</i>
Sparkleberry <i>Vaccinium arboreum</i>	Monkey-flower <i>Mimulus ringens</i>	Coreopsis <i>Coreopsis major</i>
Blueberry <i>Vaccinium sp.</i>	Downy False Foxglove <i>Aureolaria virginica</i>	Bitterweed <i>Helenium amarum</i>

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Coneflower
Rudbeckia laciniata

White-topped Aster
Aster patens

MUSHROOMS

Dead Man's Fingers
Xylaria polymorpha

Tacky Green Russula
Russula aeruginea

Sickener Mushroom
Russula emetica

Jellied False Coral
Tremetodendron pallidum

Gemmed Amanita
Amanita gemmata

Caesar's Mushroom
Amanita caesarea

Coker's Amanita
Amanita cokeri

Violet-gray Bolete
Tylopilus plumbeoviolaceus

White Egg Bird's Nest
Crucibulum laeve

Milk Mushroom
Lactarius piperatus

Rooted Oudemansiella
Oudemansiella (Collybia) radicata

Fading Scarlet Waxy Cap
Hygrophorus minlatus

Yellow Tuning Fork
Calocera viscosa

Orange Jelly
Dacrymyces palmatus

Common Split Gill
Schizophyllum commune

Red Chanterelle
Cantharellus cinnabarinus

Elegant Stinkhorn
Mutinus elegans

Turkey-tail
Polyporus versicolor

Old Man of the Woods
Strombilymyces floccopus

Frost's Bolete
Boletus frostii

Marasmius spp.

Silky Parchment
Stereum striatum

False Turkey Tail
Stereum ostrea

Laccaria
Laccaria laccata

Eastern Cauliflower Mush.
Sparassia crispa

Chicken Mushroom
Laetiporus sulphureus

Oyster Mushroom
Pleurotus ostreatus

Kidney-shaped Tooth Mush-
room
Myconophium adustum

FAUNA

Red-tailed Hawk
Buteo jamaicensis

Yellow-shafted Flicker
Colaptes auratus

American Crow
Corvus brachyrhynchos

Yellow-billed Cuckoo
Coccyzus americanus

Eastern Worm Snake
Carphophis a. amoenus

Gray Treefrog (dead female
and eggs)
Hyla chrysoscelis/versicolor

Fowler's Toad
Bufo woodhousei fowleri

Amber Wing Dragonfly
Panttheris tenera

Widow Dragonfly
Libellula luctuosa

Tiger Swallowtail
Pterourus glaucus

Buckeye
Junonia coenia

Yellow Woolly Bear (larva)
Diacusia virginica

Fall Webworm
Hyphantria cunea

Poplar Tentmaker (larva)
Ichthyura inclusa

Chinese Mantid (egg mass)
Tenodera aridifolia sinensis

FAUNA (Cont'd)

Snowy Tree Cricket
Oecanthus fultoni

Leaf-rolling Cricket
Camptonotus carolinensis

Angular-winged Katydid
Microcentrum retinerve

True Katydid
Pterophylla camellifolia

Dogwood Calligrapha Beetle
Calligrapha philadelphica

Japanese Beetle
Popillia japonica

Brown Prionid Beetle
Orthosoma brunneum

Yellow Jacket
Vespa sp.

Organ-pipe Wasp (nest)
Trypoxylon politum

Leaf-cutter Bee (cut leaves of
Desmodium, Sassafras &
Cercis)
Megachilidae

American Pelecinid Wasp
Pelecinus polyturator

Alder Woolly Aphid
Prociphilus tessellata

Frog hopper
Prosapia bicincta

Freshwater Snail
Goniobasis sp.

Nursery Web Spider
Pisaurina sp.

Arrowhead Micrathena Spider
Micrathena sagittata

Long-jawed Orb Weaver
Tetragnatha sp.

Spider (egg case)
Argyrodes sp.

Witch Hazel Cone Gall Aphid
Hormaphis hamamelidis

Maple Leaf Spot (gall)
Cecidomyia ocellaus (fly)

Dogwood Club Gall (midge)
Mycodiplosis alternata

Eastern Dobsonfly (egg case
& larva (hellgrammite))
Corydalus cornutus

Eastern Crayfish(?)
Combarus bartoni

Fungus Beetles & fly larvae in
mushrooms



CAESAR'S HEAD/RAVEN CLIFF FALLS

25 August 1984

Changes keep life exciting. Although this was SCAN'S fourth trip to Raven Cliff Falls, the new trail made it a new trip for the 30 of us who made it up the mountain to the trail head. The cool weather was most refreshing; it was almost chilling to some low-country folk! Before leaving Caesar's Head, we walked up to the overlook for the view and special plants unique to that habitat. Carolina Hemlock and Spike Moss were unfamiliar to many of us. Many people had a first on this trip. We had gone only a few hundred feet from the highway, when a Three Birds Orchid was spotted beside the trail. Carolina Lily graced the trail on one ridge top. As the last of us worked our way back out, Tom Jones spotted a pair of mating walking sticks. Nature works in strange ways, her genetic transfer to perform. The list of flora and fauna reflects the more xeric habitats of the new trail. Raven Cliff Falls was blessed with abundant water and was most spectacular.

I want to thank Danny Smith for leading the August trip and Tom Jones for compiling the checklist as you see it. Identification of things is spread among a larger group depending on who's present (but Tom usually makes the final determination). Our mushrooms are almost entirely identified by Cathy Jones. That's more work than writing the newsletter, so please help me thank these folks for what they do.

Beginner's Corner: Two books have attracted my attention recently as useful for the beginning botany student. One is a new book titled Botany in the Field: An Introduction to Plant Communities for the Amateur Naturalist, by Jane Scott (Phalarope Books of Prentice Hall, Inc.). It is a good introduction to becoming familiar with plants and their relationships to the natural history of an area. The other is an older book still available in some stores and many libraries. A Gardener's Book of Plant Names, by A. W. Smith (Harper & Row) is a readable list of scientific plant names and their meanings. It makes the learning the botanical names of plants have more logic and meaning – then learning is easier.

Lynn B. Smith, SCAN President
Location : Greenville County

FLORA

Twisted-hair Spikemoss <i>Selaginella tortipila</i>	Muhly <i>Muhlenbergia tenuiflora</i>	Downy Rattlesnake Plantain <i>Goodyera pubescens</i>
Rattlesnake Fern <i>Botrychium virginianum</i>	Jack in the Pulpit <i>Arisaema triphyllum</i>	Crane-fly Orchid <i>Tipularia discolor</i>
Blunt-lobed Grapefern <i>Botrychium oneidense</i>	Dayflower <i>Commelina communis</i>	Mockernut <i>Carya tomentosa</i>
Cinnamon Fern <i>Osmunda cinnamomea</i>	Carrion-flower <i>Smilax ecirrhata</i> var. <i>biltmoreana</i>	Hickory <i>Carya</i> sp.
Hay-scented Fern <i>Dennstaedtia punctilobula</i>	Indian Cucumber-root <i>Medeola virginiana</i>	Tag Alder <i>Alnus serrulata</i>
Bracken <i>Pteridium aquilinum</i>	False Solomon's Seal <i>Smilacina racemosa</i>	Cherry Birch <i>Betula lenta</i>
Southern Lady Fern <i>Athyrium asplenoides</i>	Solomon's Seal <i>Polygonatum biflorum</i>	American Chestnut <i>Castaneo dentata</i>
Christmas Fern <i>Polystichum acrostichoides</i>	Devil's Bit <i>Chamaelirium luteum</i>	White Oak <i>Quercus alba</i>
Broad Beech Fern <i>Thelypteris hexagonoptera</i>	Featherbells <i>Stenanthium gramineum</i>	Rock Chestnut Oak <i>Q. prinus</i>
New York Fern <i>Thelypteris noveboracensis</i>	Carolina Lily <i>Lilium michauxii</i>	Red Oak (Northern) <i>Q. rubra</i>
Rock Cap Fern <i>Polypodium virginianum</i>	Bellwort (2) <i>Uvularia perfoliata</i>	Buffalo Nut <i>Pyrolaria pubera</i>
Resurrection Fern <i>Polypodium polypodioides</i>	Bellwort (2) <i>U. pudica</i>	Poke <i>Phytolacca americana</i>
White Pine <i>Pinus strobus</i>	Wild Yam <i>Dioscorea villosa</i>	Starry Campion <i>Silene stellata</i>
Pitch Pine <i>Pinus rigida</i>	Yellow Star Grass <i>Hypoxis hirsuta</i>	Meadow Rue <i>Thalictrum</i> sp.
Canada Hemlock <i>Tsuga canadensis</i>	Dwarf Iris <i>Iris</i> sp.	Tulip Tree <i>Liriodendron tulipifera</i>
Carolina Hemlock <i>Tsuga caroliniana</i>	Pink Lady's Slipper <i>Cypripedium acaule</i>	Umbrella Tree, Fraser Magnolia <i>Magnolia fraseri</i>
Cane <i>Arundinaria gigantea</i>	Three Birds Orchid <i>Triphora trianthophora</i>	Sassafras <i>Sassafras albidum</i>

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Bloodroot <i>Sanguinaria canadensis</i>	Summer Grape <i>Vitis aestivalis</i>	Galax <i>Galax aphylla</i>
Wild Hydrangea <i>Hydrangea arborescens</i> ssp. <i>radiata</i>	Violet <i>Viola</i> sp.	Carolina Silverbell <i>Halesia carolina</i>
Witch-hazel <i>Hamamelis virginiana</i>	Ginseng <i>Panax quinquefolium</i>	Phlox <i>Phlox</i> sp.
Blackberry <i>Rubus</i> sp.	Spikenard <i>Aralia racemosa</i>	Lop-seed <i>Phryma leptostachya</i>
Indian-physic <i>Gillenla trifoliata</i>	Sanicle <i>Sanicula canadensis</i>	Skullcap <i>Scutellaria</i> sp.
Goat's beard <i>Arunco dioicus</i>	Black Gum <i>Nyssa sylvatica</i>	Heal-all <i>Prunella vulgaris</i>
Serviceberry <i>Amelanchier arborea</i>	Flowering Dogwood <i>Cornus florida</i>	Monarda <i>Monarda</i> sp.
Wild Sensitive Plant <i>Cassia nititans</i>	Alternate-leaf Dogwood <i>Cornus alternifolia</i>	Stoneroot <i>Collinsonia canadensis</i>
Beggar Lice <i>Desmodium nudiflorum</i>	Mountain Sweet Pepperbush <i>Clethra acuminata</i>	False Foxglove <i>Aureolaria laevigata</i>
Black Locust <i>Robinia pseudo-acacia</i>	Pipsissewa <i>Chimaphila maculata</i>	Cow-wheat <i>Melampyrum lineare</i>
Hog Peanut <i>Amphicarpa bracteata</i>	Pine-sap <i>Monotropa hypopithys</i>	Squaw-root <i>Conopholis americana</i>
Flowering Spurge <i>Euphorbia corollata</i>	Carolina Rhododendron <i>Rhododendron minus</i>	Partridge Berry <i>Mitchella repens</i>
Poison Ivy <i>Rhus radicans</i>	Rosebay Rhododendron, Great Laurel <i>Rhododendron maximum</i>	Houstonia <i>Houstonia purpurea</i>
American Holly <i>Ilex opaca</i>	Mountain Laurel <i>Kalmia latifolia</i>	Bush Honeysuckle <i>Diervilla sessilifolia</i>
Red Maple <i>Acer rubrum</i>	Sourwood <i>Oxydendron arboreum</i>	Japanese Honeysuckle <i>Lonicera japonica</i>
Jewel-weed <i>Impatiens capensis</i>	Trailing Arbutus <i>Epigaea repens</i>	Maple-leaf Viburnum <i>Viburnum acerifolium</i>
Virginia Creeper <i>Parthenocissus quinquefolia</i>	Buckberry <i>Gaylussacia ursina</i>	Elderberry <i>Sambucus canadensis</i>

CAESAR'S HEAD/RAVEN CLIFF FALLS 1984

FLORA (Cont'd)

Bluebell <i>Campanula divaricata</i>	Coreopsis <i>Coreopsis major</i>	Shiny Cinnamon Polypore <i>Coltricia cinnamomea</i>
Indian-tobacco <i>Lobelia inflata</i>	Rock Tripe <i>Umbilicaria</i> sp.	Coker's Amanita <i>Amanita cokeri</i>
Rattlesnake Root <i>Prenanthes altissima</i>	Violet-branched Coral <i>Clavulina amethystina</i>	Gemmed Amanita <i>Amanita gemmata</i>
Hawkweed <i>Hieracium paniculatum</i>	Jellied False Coral <i>Tremelodendron pallidum</i>	Old Man of the Woods <i>Strombilomyces floccopus</i>
Dwarf Dandelion <i>Krigia montana</i>	White Worm Coral <i>Clavaria vermicularis</i>	Powdery Sulfer Bolete <i>Pulveroboletus ravenelii</i>
Pale Indian-plantain <i>Cacalia atriplicifolia</i>	Spindle-shaped Yellow Coral <i>Clavulinopsis fusiformis</i>	Bluing Bolete <i>Gyroporus cyanescens</i>
Joe Pye Weed <i>Eupatorium fistulosum</i>	Stalked Puffball in Aspice <i>Calostoma cinnabarina</i>	Small Chanterelle <i>Cantharellus minor</i>
<i>Eupatorium purpureum</i>	Elegant Stinkhorn <i>Mutinus elegans</i>	<i>Psathyrella candolleana</i>
Boneset <i>Eupatorium perfoliatum</i>	Orange Earth Tongue <i>Microglossum rufum</i>	Earthstar Scleroderma <i>Scleroderma geaster</i>
Robin's Plantain <i>Erigeron pulchellus</i>	Velvety Earth Tongue <i>Trichoglossum hirsutum</i>	Splash Cups (Bird's Nest Fungus) <i>Cyathus striatus</i>
Heart-leaved Aster <i>Aster divaricatus</i>	Ochre Spreading Tooth <i>Steccherinum ochraceum</i>	Bear's Head Tooth <i>Hericium coralloides</i>
Blue-stem Goldenrod <i>Solidago caesia</i>	Red Gyroporus <i>Gyroporus purpurinus</i>	Skull-shaped Puffball <i>Calvatia craniformis</i>
Goldenrod <i>Solidago</i> spp.	Milk-white Toothed Polypore <i>Irpex lacteus</i> (<i>Polyporus tulipiferae</i>)	Fading Scarlet Waxy Cap <i>Hygrophorus miniatus</i>
Bearsfoot <i>Polymnia uvedalia</i>	Orange Poria <i>Poria spissa</i>	Common Brown Cup (Pig's Ears) <i>Peziza badio-confusa</i>
<i>Silphium compositum</i>	Crown-tipped Coral <i>Clavicornia pyxidata</i>	Gem-studded Puffball <i>Lycoperdon perlatum</i>
Black-eyed Susan <i>Rudbeckia hirta</i>	Hen of the Woods <i>Grifola frondosa</i>	Cinnabar Cort <i>Cortinarius cinnabarinus</i>
Sunflower <i>Helianthus strumosus</i>	Emetic Russula <i>Russula emetica</i>	Pinwheel Marasmius <i>Marasmius rotula</i>

FLORA (Cont'd)

Eyelash Cup
Scutellinia scutellata

Red Tree Brain
Peniophora rufa

King Bolete
Boletus edulis

Devil's Urn
Urnula craterium

FAUNA

Broad-winged Hawk
Buteo platypterus

Lichen Moth
Lycomorpha pholus

Walkingstick
Diaperomera femorata

Blue Jay
Cyanocitta cristata

Pennsylvania Leather-wing
Beetle
*Chauliognathus pennsylvani-
cus*

Japanese Beetle
Popillia japonica

Carolina chickadee
Parus carolinensis

Fiery Searcher, Caterpillar
Hunter
Calosoma scrutator

Yellow Jacket
Vespa

White-breasted Nuthatch
Sitta carolinensis

American Pelecinid Wasp
Pelecinus polyturator

Carolina Wren
Thryothorus ludovicianus

Giant Forest Snail
Mesodon normalis

Witch-hazel Cone Gall (aphid)
Homaphis hammelidis

Eastern Garter Snake
Thamnophis s. sirtalis

Common Great Zonite
Mesomphix vulgatus

Blackgum Capsule Gall (mite)
Eriophyes nyssae

Jordan's Salamander
Plethodon jordani

Disk Cannibal Snail
Haplotrema concavum

Eastern Newt (Red-spotted)
(eft stage)
Notophthalmus v. viridescens

Tiger Swallowtail
Pterourus glaucus

Spicebush Swallowtail
Pterourus troilus

Red-banded Hairstreak
Calycopis cecrops

American Dagger Moth (fuzzy
white larva)
Acronicta americana

Fall Webworm
Hyphantria cunea



CHERAW STATE PARK/FISH HATCHERY

22, 23 September 1984

I remember Rudy Mancke once remarking that he couldn't understand how each SCAN trip was better than the last. I haven't understood the phenomenon either, but the trip to Cheraw State Park continued the tradition. The weather was perfect. Those who missed the sunrise over Lake Juniper on Saturday morning missed something special. Rudy was unable to be with us for medical reasons. Many thanks to David Evans for filling in and leading us into the interesting areas in the park and the fish hatchery next door. Without David, the trip would have been much less interesting, I can assure you. The list is long and varied showing the wide areas we covered. It was nice having the campground virtually to ourselves thus adding to the camaraderie of the weekend.

Lynn B. Smith, SCAN President

Location : Chesterfield County

FLORA

Slender Clubmoss <i>Lycopodium carolinianum</i>	Long-leaf Pine <i>Pinus palustris</i>	Cane <i>Arundinaria gigantea</i>
Least Adder's Tongue <i>Ophioglossum nudicaule</i>	Loblolly Pine <i>Pinus taeda</i>	Grass <i>Uniola laxa</i>
Cinnamon Fern <i>Osmunda cinnamomea</i>	Bald Cypress <i>Taxodium distichum</i>	Love Grass <i>Eragrostis curvula</i>
Bracken <i>Pteridium aquilinum</i>	Pond Cypress <i>Taxodium ascendens</i>	Love Grass <i>Eragrostis refracta</i>
Southern Lady Fern <i>Athyrium asplenoides</i>	Atlantic White Cedar <i>Chamaecyparis thyoides</i>	Three Awn Grass <i>Aristida virgata</i>
Sensitive Fern <i>Onoclea sensibilis</i>	Red Cedar <i>Juniperus virginiana</i>	Dropseed <i>Sporobolus junceus</i>
Virginia Chainfern <i>Woodwardia virginica</i>	Common Cat-tail <i>Typha latifolia</i>	Smut Grass <i>Sporobolus poiretii</i>
Netted Chainfern <i>W. areolata</i>	Arrowhead <i>Sagittaria engelmanniana</i>	Panic Grass <i>Panicum verrucosum</i>

FLORA (Cont'd)

Beard Grass <i>Erianthus giganteus</i>	Bear-grass <i>Yucca filamentosa</i>	Pigweed <i>Amaranthus sp.</i>
Broom Straw <i>Andropogon temarius</i>	Redroot <i>Lachnanthes caroliniana</i>	Stipulicida <i>Stipulicida setacea</i>
Indian Grass <i>Sorghastrum nutans</i>	Orchid <i>Habenaria sp.</i>	Spatter-dock <i>Nuphar luteum</i>
Sedge <i>Cyperus sp.</i>	Ladies' Tresses Orchid <i>Spiranthes sp.</i>	Water-lily <i>Nymphaea odorata</i>
Sedge <i>Dulichium arundinaceum</i>	Downy Rattlesnake Plantain <i>Goodyera pubescens</i>	Water-Shield <i>Brasenia schreberi</i>
Spike-rush <i>Eleocharis acicularis</i>	Bayberry <i>Myrica heterophylla</i>	Yellow-root <i>Xanthorhiza simplicissima</i>
Bald Rush <i>Peltocarya scirpoides</i>	Mockernut <i>Carya tomentosa</i>	Tulip Tree <i>Liriodendron tulipifera</i>
Beak Rush <i>Rhynchospora chalarocephala</i>	Tag Alder <i>Alnus serrulata</i>	Sweet Bay <i>Magnolia virginiana</i>
Carex <i>Carex glaucescens</i>	Post Oak <i>Quercus stellata</i>	Bull Bay <i>Magnolia grandiflora</i>
Golden Club <i>Orontium aquaticum</i>	Turkey Oak <i>Quercus laevis</i>	Red Bay <i>Persea borbonia</i>
Peltandra <i>Peltandra virginica</i>	Black Jack Oak <i>Quercus marilandica</i>	Sassafras <i>Sassafras albidum</i>
Bog Moss <i>Mayaca aubletii</i>	Water Oak <i>Quercus nigra</i>	Trumpet Pitcher Plant <i>Sarracenia flava</i>
Yellow-eyed Grass <i>Xyris lupical</i>	Blue Jack Oak <i>Quercus incana</i>	Sundew <i>Drosera intermedia</i>
Pipewort <i>Eriocaulon decangulare</i>	Willow Oak <i>Quercus phellos</i>	Sweet-gum <i>Liquidambar styraciflua</i>
Rush <i>Juncus dichotomus</i>	Laurel Oak <i>Quercus laurifolia</i>	Witch-hazel <i>Hamamelis virginiana</i>
Rush <i>Juncus repens</i>	Knotweed <i>Polygonum sp.</i>	Five-fingers <i>Potentilla canadensis</i>
Bamboo <i>Sinixta laurifolia</i>	Jointweed <i>Polygonella polygama</i>	Crab-apple <i>Malus angustifolia</i>

FLORA (Cont'd)

Hawthorn <i>Crataegus marshallii</i>	Winged Sumac <i>Rhus copallina</i>	Pennywort <i>Hydrocotyle</i> sp.
Black Cherry <i>Prunus serotina</i>	Titli <i>Cynilla racemiflora</i>	<i>Oxypolis filiformis</i>
Sensitive Briar <i>Schrankia microphylla</i>	American Holly <i>Ilex opaca</i>	Black Gum <i>Nyssa sylvatica</i>
Partridge Pea <i>Cassia</i> sp.	Inkberry <i>Ilex glabra</i>	Flowering Dogwood <i>Cornus florida</i>
False Indigo <i>Baptisia tinctoria</i>	Red Maple <i>Acer rubrum</i>	Sweet Pepperbush <i>Clethra alnifolia</i>
Beggar's Ticks <i>Desmodium</i> spp.	Virginia Creeper <i>Parthenocissus quinquefolia</i>	Pipsissewa <i>Chimaphila maculata</i>
Bush Clover <i>Lespedeza hirta</i>	Muscadine <i>Vitis rotundifolia</i>	Pine-sap <i>Monotropa hypopithys</i>
Wisteria <i>Wisteria</i> sp.	St. Andrew's Cross <i>Hypericum hypericoides</i>	Carolina Rhododendron <i>Rhododendron minus</i>
<i>Indigofera caroliniana</i>	St. Peter's-wort <i>Hypericum stans</i>	Mountain Laurel <i>Kalmia latifolia</i>
<i>Tephrosia</i> sp.	St. John's-wort <i>Hypericum virginicum</i>	Fetter-bush <i>Lyonia lucida</i>
Ground Nut <i>Aplos americana</i>	Pin-weed <i>Lechea</i> sp.	Stagger-bush <i>Lyonia mariana</i>
Kudzu <i>Pueraria lobata</i>	Prickly Pear <i>Opuntia compressa</i>	Fetter-bush <i>Leucothoe racemosa</i>
Polygala <i>Polygala mariana</i>	Meadow Beauty <i>Rhexia mariana</i>	Sourwood <i>Oxydendrom arboreum</i>
<i>Cnidioscelus stimulosus</i>	Meadow Beauty <i>Rhexia virginica</i>	Trailing Arbutus <i>Epigaea repens</i>
Euphorbia <i>Euphorbia curtisii</i>	<i>Ludwigia decurrens</i>	Sparkleberry <i>Vaccinium arboreum</i>
Poison Sumac <i>Rhus vernix</i>	<i>Ludwigia alternifolia</i>	Blueberry <i>Vaccinium ellioittii</i>
Poison Ivy <i>Rhus radicans</i>	<i>Ludwigia linearis</i>	Highbush Blueberry <i>V. corymbosum</i>
Poison Oak <i>Rhus toxicodendron</i>	<i>Ludwigia palustris</i>	
	<i>Myriophyllum</i> sp.	

FLORA (Cont'd)

Creeping Blueberry <i>V. crassifolium</i>	Indian Cigar Tree <i>Catalpa</i> sp.	Blazing Star <i>Liatris graminifolia</i>
Persimmon <i>Diospyros virginiana</i>	Bladderwort <i>Utricularia juncea</i>	Vanilla-plant <i>Trilisa odoratissima</i>
Horse Sugar <i>Symplocos tinctoria</i>	Diodia <i>Diodia virginiana</i>	<i>Carphephorus bellidifolius</i> (?)
Ash <i>Fraxinus</i> sp.	Diodia <i>Diodia teres</i>	Dog-fennel <i>Eupatorium capillifolium</i>
Yellow Jessamine <i>Gelsemium sempervirens</i>	<i>Richardia</i> sp.	Dog-fennel <i>Eupatorium compositifolium</i>
<i>Polypremum procumbens</i>	<i>Oldenlandia boscii</i>	<i>Eupatorium aromaticum</i>
Floating Hearts <i>Nymphoides cordata</i>	Bedstraw <i>Galium pilosum</i>	Marsh-fleabane <i>Pluchea foetida</i>
Milkweed <i>Asclepias</i> sp.	Japanese Honeysuckle <i>Lonicera japonica</i>	White-topped Aster <i>Aster tortifolius</i>
Dodder <i>Cuscuta</i> sp.	Viburnum <i>Viburnum nudum</i>	<i>Aster spectabilis</i>
Beauty-berry <i>Callicarpa americana</i>	<i>Wahienbergia marginata</i>	Starved Aster <i>Aster lateriflorus</i>
Blue Curis <i>Trichostema dichotomum</i>	Lobelia <i>Lobelia glandulosa</i>	<i>Aster dumosus</i>
Horsemint <i>Monarda punctata</i>	Lobelia <i>Lobelia nuttallii</i>	<i>Haplopappus divaricatus</i>
<i>Pycnanthemum flexuosum</i>	Ragweed <i>Ambrosia artemisiifolia</i>	Goldenrod <i>Solidago microcephala</i>
Bugle-weed <i>Lycopus cokeri</i>	Cocklebur <i>Xanthium strumarium</i>	<i>Heterotheca mariana</i>
Blue, floating mat <i>Bacopa caroliniana</i>	Thistle <i>Carduus repandus</i>	<i>Silphium compositum</i>
<i>Lindernia anagallidea</i>	Ironweed <i>Vernonia acaulis</i>	Green Eyes <i>Berlandiera pumila</i>
<i>Seymeria cassioides</i>	Ironweed <i>Vernonia angustifolia</i>	Sunflower <i>Helianthus angustifolius</i>
Gerardia <i>Agalinis setacea</i>	Elephant's-foot <i>Elephantopus tomentosus</i>	Beggar Ticks <i>Bedens frondosa</i>
		Bitter-weed <i>Helenium amarum</i>

FLORA (Cont'd)

Sphagnum Moss
Sphagnum sp.

MUSHROOMS

Black Knot
Aplosporina morbosa

Violet-toothed Polypore
Trichaptum bififormis

Suillus sp.

Ganoderma sp.

Salmon Unicorn Entoloma
Entoloma salmoneum (?)

FAUNA

Mallard
Anas platyrhynchos

Little Blue Heron (adult &
immature white)
Florida caerulea

Great Egret
Casmerodius albus

Snowy Egret
Egretta thula

Killdeer
Charadrius vociferus

Common Snipe
Capelia gallinago

Common Screech Owl
Otus asio

Great Horned Owl
Bubo virginianus

Mourning Dove
Zenaida macroura

Belted Kingfisher
Megasceryle alcyon

Pileated Woodpecker
Dryocopus pileatus

Red-bellied Woodpecker
Melanerpes carolinus

Downy Woodpecker
Picoides pubescens

Red-Cockaded Woodpecker
Picoides borealis

Eastern Peewee
Contopus virens

Barn Swallow
Hirundo rustica

Fish Crow
Corvus ossifragus

Blue Jay
Cyanocitta cristata

Carolina Chickadee
Parus carolinensis

Tufted Titmouse
Parus bicolor

Brown-headed Nuthatch
Sitta pusilla

Carolina Wren
Thryothorus ludovicianus

Gray Catbird
Dumetella carolinensis

Eastern Bluebird
Sialia sialis

American Robin
Turdus migratorius

Pine Warbler
Dendroica pinus

Common Grackle
Quiscalus quiscula

Summer Tanager
Piranga rubra

Raccoon (tracks)
Procyon lotor

Southern Cricket Frog
Acris. g. gryllus

Southern Leopard Frog
Rana sphenocephala

Southern Toad
Bufo terrestris

Northern Red Salamander
Pseudotriton r. ruber

Slimy Salamander
Plethodon g. glutinosus

Yellow-bellied Turtle
Chrysemys s. scripta

Green Anole
Anolis carolinensis

Fence Lizard
Sceloporus undulatus

Six-lined Racerunner
Cnemidophorus s. sexlineatus

Ground Skink
Scincella lateralis

FAUNA (Cont'd)

5-Lined Skink (S.E.?) <i>Eumeces</i> sp.	Dobsonfly (hellgramite) <i>Corydalus cornutus</i>	Orb Weaver <i>Verrucosa arenata</i>
Eastern Ribbon Snake <i>Thamnophis s. sauritus</i>	Dragonfly <i>Calthemis amanda</i>	Spined Micrathena <i>Micrathena gracilis</i>
Tiger Swallowtail (larva) <i>Pterourus glaucus</i>	Dragonfly <i>C. fasciata</i>	Fishing Spider <i>Dolomedes</i> sp.
Red-spotted Purple <i>Basilarchia astyanax</i>	Green Jacket Dragonfly <i>Erythemis simplicicollis</i>	Wolf Spider <i>Lycosa</i> sp.
Buckeye <i>Junonia coenia</i>	Yellow Jacket <i>Vespa</i> sp.	Filmy Dome Spider <i>Prolinyphia marginata</i>
Mourning Cloak <i>Nymphalis antiopa</i>	Paper Wasp <i>Polistes</i> sp.	Bowl & Doily Spider <i>Frontinella pyramitella</i>
Hackberry Butterfly <i>Asterocampa celtis</i>	Froghopper (blk/red lines) <i>Prosapia bicincta</i>	Orchard Spider <i>Leucauge venusta</i>
Monarch <i>Danaus plexippus</i>	Wheel Bug <i>Arilus cristatus</i>	Soldier Beetle <i>Chauliognathus marginatus</i>
Least Florida Skipper <i>Amblyscirtes alternata</i>	Leaf-footed Bug <i>Coreidae</i>	Cypress Flower Gall (midge) <i>Ittonida anthici</i>
Fiery Skipper <i>Hylephila phyleus</i>	Carolina Mantid (egg mass) <i>Stagmomantis carolina</i>	Cypress Leaf Gall (midge) <i>Ittonida tuxodii</i>
Silver-spotted Skipper <i>Epargyreus clarus</i>	Brown Water Scorpion <i>Ranatra fusca</i>	Witch-hazel Cone Gall (aphid) <i>Hormaphis hamamelidis</i>
Eastern Tailed Blue <i>Evers corcyntas</i>	Wooly Alder Aphid <i>Prociphilus tessellata</i>	Dogwood Club Gall (midge) <i>Mycodiplosis alternata</i>
Red-banded Hairstreak <i>Calycopis cecrops</i>	Carion Beetle <i>Silpha americana</i>	Blueberry Kidney Gall (wasp) <i>Hemadas nubilipennis</i>
Sleepy Orange <i>Eurema nicippe</i>	Cicada (nymphal skins) <i>Cicadidae</i>	Red Bay Gall (aphid) <i>Troza magnoliae</i>
Fall Webworm <i>Hyphantria cunea</i>	Marbled Orb Weaver <i>Araneus marmoreus</i>	Wild Cherry Leaf Mite <i>Acarus serotina</i>
Bagworm Moth <i>Thyridpteryx ephemeraeformis</i>	Orb Weaver <i>A. bicentenarius</i>	
Rattlebox Moth <i>Utetheisa bella</i>	Writing Spider <i>Argiope aurantia</i>	

EDISTO BEACH STATE PARK, DODGE PLANTATION

27, 28 October 1984

If you like to make comparisons, try comparing, or contrasting, the October field trips for 1983 and 1984. In 1983 we went to Burrell's Ford in Oconee County in 40 degrees, with rain. In 1984, we went to Edisto Beach in 85-degree heat. Such is the spice of life. Aside from the heat, the trip to Edisto was delightful. In addition to the beach itself, we visited two new areas: a new boat landing and the Dodge Plantation at Edisto Island. I especially want to thank Margaret Weeks for organizing the weekend for us. We have scheduled a lot of trips to her region this year. I don't know what I'd have done without her help. Regional directors contribute a lot to successful trips. Our sincere appreciation, too, to Tom and Helen Kapp at Dodge Plantation. Our visit there highlighted the tremendous diversity of life to be found at the "edges" where two habitats meet.

I want to thank new contributors to information in the checklist, Greg Cornwall and Peter Verbrink. The more folks like that who help, the more complete and accurate is the information in the lists. Tom Jones can only be in one place at once. All I do is coordinate the lists for publication. Part of Greg's list is printed verbatim; the rest, along with Peter's is incorporated in the main list. (Editor's Note: Greg's list is at the end of this trip's main list.)

Lynn B. Smith, SCAN President

Location : Charleston and Colleton Counties

FLORA

Cinnamon Fern <i>Osmunda cinnamomea</i>	Goose Grass <i>Eleusine indica</i>	Asparagus <i>Asparagus officinalis</i>
Royal Fern <i>Osmunda regalis</i> var. <i>spectabilis</i>	Finger Grass <i>Chloris petraea</i>	Greenbrier <i>Smilax bona-nox</i>
Marsh Fern <i>Thelypteris palustris</i>	Cord Grass (2) <i>Spartina patens</i>	Yucca <i>Yucca gloriosa</i>
Netted Chain-fern <i>Woodwardia areolata</i>	Cord Grass (2) <i>Spartina alterniflora</i>	Wax Myrtle <i>Myrica cerifera</i>
Ebony Spleenwort <i>Asplenium platyneuron</i>	Foxtail Grass (2) <i>Setaria magna</i>	Live Oak <i>Quercus virginiana</i>
Resurrection Fern <i>Polypodium polypodioides</i>	Foxtail Grass (2) <i>Setaria geniculata</i>	Sugarberry <i>Celtis laevigata</i>
Long-leaf Pine <i>Pinus palustris</i>	Sandspur <i>Cenchrus tribuloides</i>	Mistletoe <i>Phoradendron serotinum</i>
Loblolly Pine <i>Pinus taeda</i>	Little Bluestem <i>Andropogon scoparius</i>	Mexican Tea <i>Chenopodium ambrosioides</i>
Southern Red Cedar <i>Juniperus silicicola</i>	Broom Sedge <i>Andropogon virginicus</i>	Orach <i>Atriplex patula</i>
Common Cat-tail <i>Typha latifolia</i>	Spike-rush <i>Eleocharis flavescens</i>	Glasswort (2) <i>Salicornia europaea</i>
Frog's-bit <i>Limnolobium spongia</i>	Sedge <i>Fimbristylis spadicosa</i>	Glasswort (2) <i>Salicornia virginica</i>
Cane <i>Arundinaria gigantea</i>	Dwarf Palmetto <i>Sabal minor</i>	<i>Suaeda linearis</i>
Purple Top <i>Tridens flavus</i>	Cabbage Palmetto <i>Sabal palmetto</i>	Russian Thistle <i>Salsola kali</i>
<i>Viola laxa</i>	Duck-weed-like <i>Spirodela polyrrhiza</i>	<i>Iresine rhizomatosa</i>
Sea Oats <i>Viola paniculata</i>	Spanish Moss <i>Tillandsia usneoides</i>	Poke <i>Phytolacca americana</i>
Wild Rye Grass <i>Elymus virginicus</i>	Dayflower <i>Commelina diffusa</i>	Sweet Bay <i>Magnolia virginiana</i>
Three Awn Grass <i>Aristida</i> sp.	Rush <i>Juncus roemerianus</i>	Bull Bay <i>Magnolia grandiflora</i>
		Red Bay <i>Persea borbonia</i>

FLORA (Cont'd)

Sassafras <i>Sassafras albidum</i>	Popcorn Tree <i>Sapum sebiferum</i>	Snakeroot <i>Sanicula canadensis</i>
Sweetgum <i>Liquidambar styraciflua</i>	Poison Ivy <i>Rhus radicans</i>	Flowering Dogwood <i>Cornus florida</i>
Black Cherry <i>Prunus serotina</i>	Winged Sumac <i>Rhus copallina</i>	Indian Pipe <i>Monotropa uniflora</i>
Mimosa <i>Albizia julibrissin</i>	Yaupon <i>Ilex vomitoria</i>	Yellow Jessamine <i>Gelsemium sempervirens</i>
Sicklepod <i>Cassia obtusifolia</i>	Red Maple <i>Acer rubrum</i>	<i>Polypremum procumbens</i>
Wild Sensitive Plant <i>Cassia nictitans</i>	Virginia Creeper <i>Parthenocissus quinquefolia</i>	<i>Dichondra carolinensis</i>
Rattlebox (4) <i>Crotolaria angularis</i>	Muscadine <i>Vitis rotundifolia</i>	Jacquemontia <i>Jacquemontia tamnifolia</i>
Rattlebox (4) <i>Crotolaria spectabilis</i>	Pepper-vine <i>Ampelopsis arborea</i>	Cypress-vine <i>Ipomoea quamoclit</i>
Rattlebox (4) <i>Crotolaria mucronata</i>	Pineweed <i>Hypericum gentianoides</i>	French Mulberry <i>Callicarpa americana</i>
Rattlebox (4) <i>Crotolaria intermedia</i>	Fire Cedar <i>Tamarix gallica</i>	<i>Monarda punctata</i>
Sesbania exaltata	Maypop <i>Passiflora incarnata</i>	Ground Cherry <i>Physalis sp.</i>
Glottidium vesicarium	Prickly Pear <i>Opuntia compressa</i>	Nightshade <i>Solanum americanum</i>
Coral Bean <i>Erythrina herbacea</i>	Ludwigia <i>Ludwigia repens</i>	Jimson Weed <i>Datura stramonium</i>
Strophostyles helvola	Ludwigia <i>Ludwigia palustris</i>	Gerardia <i>Agalinis sp.</i>
Hercules'-club <i>Zanthoxylum clava-hercules</i>	Devil's Walking Stick <i>Aralia spinosa</i>	Trumpetreeper <i>Campsis radicans</i>
China-berry <i>Melia azedarach</i>	Marsh Pennywort <i>Hydrocotyle umbellata</i>	<i>Diodia teres</i>
Croton punctatus	Pennywort <i>Hydrocotyle bonariensis</i>	<i>Richardia scabra</i>
Three-seeded Mercury <i>Acalypha gracilens</i>		<i>Houstonia procumbens</i>
		Bedstraw <i>Galium sp.</i>
		Creeping Cucumber <i>Melothria pendula</i>

FLORA (Cont'd)

Lobelia <i>Lobelia glandulosa</i> (?)	Groundsel Tree <i>Baccharis halimifolia</i>	Emetic Russula <i>Russula emetica</i>
Lobelia <i>Lobelia</i> sp.	Goldenrod <i>Solidago sempervirens</i>	Ling Chih <i>Gandoderma lucidum</i>
Marsh Elder <i>Iva frutescens</i>	Goldenrod <i>Solidago microcephala</i>	Sulfur Shelf <i>Laetiporus sulphureus</i>
<i>Iva imbricata</i>	<i>Heterotheca subaxillaris</i>	Destroying Angel <i>Amanita virosa</i>
Ragweed <i>Ambrosia artemisiifolia</i>	Sea Ox-eye <i>Borrchia frutescens</i>	Japanese Umbrella Inky <i>Coprinus plicatilis</i>
<i>Pynhopappus carolinianus</i>	<i>Melanthera hastata</i>	
Elephant's-foot <i>Elephantopus tomentosus</i>	Firewheels <i>Gaillardia pulchella</i>	
Camphorweed <i>Pluchea purpurascens</i>	Short-stalked White R. <i>Russula brevipes</i>	

FAUNA

Double-crested Cormorant <i>Phalacrocorax auritus</i>	Tricolor Heron (La.) <i>Hydranassa tricolor</i>	Willet <i>Catoptrophorus semipalmatus</i>
Brown Pelican <i>Pelecanus occidentalis</i>	Great Egret <i>Casmerodius albus</i>	Sanderling <i>Calidris alba</i>
Herring Gull <i>Larus argentatus</i>	Snowy Egret <i>Egretta thula</i>	Dunlin <i>Calidris alpina</i>
Ring-billed Gull <i>Larus delawarensis</i>	Clapper Rail <i>Rallus longirostris</i>	Semipalmated Sandpiper <i>Calidris pusilla</i>
Laughing Gull <i>Larus atricilla</i>	Black-bellied Plover <i>Pituvialis squatarola</i>	Northern Harrier (Marsh Hawk) <i>Circus cyaneus</i>
Caspian Tern <i>Sterna caspia</i>	Ruddy Turnstone <i>Arenaria interpres</i>	Red-tailed Hawk <i>Buteo jamaicensis</i>
Great Blue Heron <i>Ardea herodias</i>	Short-billed Dowitcher <i>Limnodromus griseus</i>	Osprey <i>Pandion haliaetus</i>
Little Blue Heron <i>Florida caerulea</i>	Whimbrel <i>Numenius phaeopus</i>	Turkey Vulture <i>Cathartes aura</i>

FAUNA (Cont'd)

American Kestrel (Sparrow Hawk) <i>Falco sparverius</i>	Boat-tailed Grackle <i>Quiscalus major</i>	Long-tailed Skipper <i>Urbanus proteus</i>
Belted Kingfisher <i>Megascerys alcyon</i>	Northern Cardinal <i>Cardinalis cardinalis</i>	Carolina Satyr <i>Hermeuptychia sosybius</i>
Yellow-bellied Sapsucker <i>Sphyrapicus varius</i>	Whitetail Deer <i>Odocoileus virginianus</i>	Monarch <i>Danaus plexippus</i>
Common Flicker <i>Colaptes auratus</i>	Marsh Rabbit <i>Sylvilagus palustris</i>	Viceroy <i>Basilarchia alchippus</i>
Downy Woodpecker <i>Picoides pubescens</i>	Raccoon <i>Procyon lotor</i>	Buckeye <i>Junonia coenia</i>
Red-bellied Woodpecker <i>Melanerpes carolinus</i>	Southern Toad <i>Bufo terrestris</i>	Red Admiral <i>Vanessa atalanta</i>
Mourning Dove <i>Zenaidura macroura</i>	Green Treefrog <i>Hyla cinerea</i>	Gulf Fritillary <i>Agraulis vanillae</i>
American Crow <i>Corvus brachyrhynchos</i>	Squirrel Treefrog <i>Hyla squirella</i>	Little Sulfur (Yellow) <i>Eurema lisa</i>
Blue Jay <i>Cyanocitta cristata</i>	Brimley's Chorus Frog <i>Pseudacris brimleyi</i>	Orange Sulfur <i>Colias eurytheme</i>
Carolina Chickadee <i>Parus carolinensis</i>	Carolina (Green) Anole <i>Anolis carolinensis</i>	Cloudless Sulphur <i>Phoebastria sennae</i>
Tufted Titmouse <i>Parus bicolor</i>	Ground Skink <i>Scincella lateralis</i>	Polyphemus Moth (cocoon) <i>Antheraea polyphemus</i>
Carolina Wren <i>Thryothorus ludovicianus</i>	Eastern Glass Lizard <i>Ophisaurus ventralis</i> (?)	Pandorus Sphinx Moth (larva) <i>Eumorphia pandorus</i> parasitized by braconid (?) wasps (cocoon)
Gray Catbird <i>Dumetella carolinensis</i>	Rough Green Snake <i>Opheodrys aestivus</i>	
Northern Mockingbird <i>Mimus polyglottos</i>	Green Jacket <i>Erythemis simplicicollis</i>	Bella (Rattlebox) Moth <i>Utetheisa bella</i>
Yellow-rumped Warbler <i>Dendroica coronata</i>	Dragonfly <i>Libellula pulchella</i>	Carolina Mantid <i>Stagmomantis carolina</i>
Common Yellowthroat <i>Geothlypis trichas</i>	Six-lined Race-runner <i>Cnemidophorus sexlineatus</i>	Orchard Spider <i>Leucauge venusta</i>
Red-winged Blackbird <i>Agelaius phoeniceus</i>	Silver-spotted Skipper <i>Epargyreus clarus</i>	Knobbed Whelk <i>Busycon carica</i>

FAUNA (Cont'd)

Channeled Whelk
Busycon canaliculata

Lettered Olive
Oliva sayana

Atlantic Moon Snail
Polinices duplicatus

Common Atlantic Marginella
Marginella apicina

Sea Pen
Atrina sp.

Incongruous Ark
Anadara brasiliana

Transverse Ark
Anadara transversa

Blood Ark
Anadara ovalis

Jingle Shell
Anomia simplex

Oyster Drill
Urosalpinx cinerea

Keyhole Urchin (Sand Dollar)
Mellita quinquiesperforata

Disk Shell
Dosina Discus

Common Cockle
Trachycardium muricatum

Angel Wing
Cyrtopleura costata

Sea Pansy
Renilla reniformis

Whip Coral
Leptogorgia virgulata

Sand Fiddler Crab
Uca pugilator

Mud Fiddler Crab
Uca pugnax

Stone Crab
Menippe mercenaria

Mole Crab
Emerita talpoida

Lady Crab
Ovalipes ocellatus

Blue Crab
Callinectes sapidus

Marsh Crab
Sesarma reticulatum

Marsh Periwinkle
Littorina littorea



GREG'S LIST GASTROPODS

Marsh Periwinkle
Littorina irrorata

Cerith
Cerithium sp.

Atlantic Slipper
Crepidula fornicata

Atlantic Moon Snail
Polinices duplicatus

Knobbed Whelk
Busycon carica

Channeled Whelk
Busycon canaliculatum

Eastern Mud Nassa
Ilyanassa obsoleta

Lettered Olive
Oliva sayana

PELECYPODS

Blood Ark
Anadara ovalis

Incongruous Ark
Anadara brasiliana

Ponderous Ark
Noetia ponderosa

A. Ribbed Mussel
Modiolus demissus

Saw-toothed Pen Shell
Atrina serrata

Atlantic Jingle
Anomia simplex

E. Oyster
Crassostrea virginica

Giant Atlantic Cockle
Dinocardium robustum

N. Quahog Clam
Mercenaria mercenaria

Cross-barred venus
Chione cancellata

Disk Dosinia
Dosinia discus

Stout Tagelus
Tagelus plebeius

A. Surf Clam
Spisula solidissima

Channeled Duck Clam
Anatina plicatella

Angel Wing
Cyrtopleura costata

OTHER SEA ORGANISMS

Hollow Green Weeds
Enteromorpha sp.

Sea Whip
Leptogorgia virgulata

Sea Anemone
Aiptasia pallida

Rock Barnacle
Balanus sp.

Ivory Barnacle
Balanus eburneus

Sea Pill Bug (Isopod)
Sphaeroma quadridentatum

Amphipod
Suborder Gammaridea

Long-clawed Hermit Crab
Pagurus longicarpus

Mud Fiddler Crab
Uca pugnax

Black-fingered Mud Crab
Panopeus herbstii

Ghost Crab
Ocypode quadrata

Blue Crab
Callinectes sapidus

Marsh Crab
Sesarma reticulatum

Atlantic Silverside
Menidia menidia

SCAN: THE FIRST TEN YEARS

FOUND ON INCOMING SHRIMP TRAWLER

Atlantic Sea Star
Asterias forbesi

Knobbed Whelk
Busycon Canica

Squid
Loligo sp.

Jelly ball
Stomolophus meleagris

Mantis Shrimp
Squilla empusa

Look Down (fish)
Selene vomer

Pen Shell
Atrina rigida

INSECTS

Little Sulphur
Eurema lisa

Cloudless Sulphur
Phoebis sennae

Gulf Fritillary
Agraulis vanillae

Monarch
Danaus plexippus

Silver-spotted Skipper
Epargyreus clarus

Long-tailed Skipper
Urbanus proteus

Green Jacket
Erythemis simplicicollis

Black Ground Beetle
Pterostichus sp.

Bessbug
Odontotaenium disjunctum

Oriental Cockroach
Blatta orientalis

Eastern Sand Wasp
Bembix americana

FLORA

Sea Rocket
Cakile edentula

Beach Elder
Iva imbricata

Camphorweed
Heterotheca subaxillaris

Yucca
Yucca sp.

Pennywort
Hydrocotyle bonariensis

Yaupon Holly
Ilex vomitoria

Smooth Cordgrass
Spartina alterniflora

Sea Oxeye
Borrichia frutescens

Black Needle Rush
Juncus roemerianus

Groundsel Tree
Baccharis halimifolia

Marsh Elder
Iva frutescens



BROAD RIVER WATERFOWL AREA

10 November 1984

The weather was perfect for the children's trip to Broad River Waterfowl area, however the trip only yielded two children and one mother. In all, there were 20 of us and we had a great day. The highlight of the day for many was the 15-20 Wild Turkeys that flew across the road while we were gathering on the Newberry County side of the river. Others were excited about the Black Racer that was having a mouse for lunch.

Lynn B. Smith, SCAN President

Location : Fairfield County

FLORA

Bracken
Pteridium aquilinum

Longleaf Pine
Pinus palustris

Loblolly
Pinus taeda

Shortleaf Pine
Pinus echinata

Eastern Red Cedar
Juniperus virginiana

Common Cat-tail
Typha latifolia

Foxtail Grass
Setaria sp.

Plume Grass
Erianthus sp.

Broomsedge
Andropogon virginicus

Bull Rush
Scirpus cyperinus (?)

Catbrier
Smilax bona-nox

Black Willow
Salix nigra

Cottonwood
Populus deltoides

Tag Alder
Alnus serrulata

Black Oak
Quercus velutina

Southern Red Oak
Quercus falcata

Water Oak
Quercus nigra

Willow Oak
Quercus phellos

Winged Elm
Ulmus alata

Poke, Pokeberry
Phytolacca americana

Tulip Tree
Liriodendron tulipifera

Sweet Gum
Liquidambar styraciflua

Sycamore
Platanus occidentalis

Hawthorn
Crataegus crus-galli

Cherry
Prunus sp.

Beggar Lice
Desmodium sp.

Lespedeza sp.

Glottidium vesicarium

Poison Ivy
Rhus radicans

Winged (Dwarf) Sumac
Rhus copallina

Smooth Sumac
R. glabra

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

American Holly <i>Ilex opaca</i>	Yellow Jessamine <i>Gelsemium sempervirens</i>	Japanese Honeysuckle <i>Lonicera japonica</i>
Possum Haw, Deciduous Holly <i>Ilex decidua</i>	Blue Vervain <i>Verbena brasiliensis</i>	Groundsel-Tree <i>Baccharis halimifolia</i>
Passionflower, Maypops <i>Passiflora incarnata</i>	French Mulberry, Beautyberry <i>Callicarpa americana</i>	Goldenrod <i>Solidago</i> sp.
Queen Anne's Lace <i>Daucus carota</i>	Wooly Mullein <i>Verbascum thapsus</i>	Beggar Ticks <i>Bidens</i> spp.
Sparkleberry <i>Vaccinium arboreum</i>	Trumpet creeper <i>Campsis radicans</i>	

FAUNA

Fire Ant <i>Solenopsis geminata</i>	American Bird Grasshopper <i>Schistocerca americana</i>	Buckeye <i>Junonia c. coenia</i>
Paper Wasp <i>Polistes</i> sp.	Carolina Mantid <i>Stagmomantis carolina</i>	American Painted Lady <i>Vanessa virginensis</i>
Yellow Jacket <i>Vespa</i> sp.	Wooly Alder Aphid <i>Prociphilus tessellata</i>	Viceroy <i>Limenitis a. archippus</i>
Braconid Wasp (egg case) <i>Apanteles</i> sp.	Wheel Bug <i>Arilus cristatus</i>	Wooly Bear (caterpillar of Isabella Moth) <i>Isia isabella</i>
Honey Bee <i>Apis mellifera</i>	Green Stink Bug <i>Acrosternum hilare</i>	Asiatic Clam <i>Corbicula fluminea</i>
Dragonfly <i>Sympetrum</i> sp.	Shield-back Bug <i>Scutelleridae</i>	Filter Clam <i>Elliptio</i> sp.
Field Cricket <i>Gryllus pennsylvanicus</i>	Little Sulfur <i>Eurema ilia</i>	Southern Toad <i>Bufo terrestris</i>
Carolina Locust <i>Dissosteira carolina</i>	Sleepy Orange <i>Eurema nicippe</i>	E. Mud Turtle (shell) <i>Kinostemon subrubrum</i>
Differential Grasshopper <i>Melanoplus differentialis</i>	Monarch <i>Danaus plexippus</i>	Ground Skink <i>Scincella lateralis</i>
Spur-throated Grasshopper <i>Melanoplus</i> sp.	Question Mark <i>Polygonia interrogationis</i>	Black Racer (with mouse) <i>Coluber constrictor</i>

FAUNA (Cont'd)

Wood Duck
Aix sponsa

Great Blue Heron
Ardea herodias

Wild Turkey (Inc. feather)
Meleagris gallopavo

Northern Harrier (Marsh
Hawk)
Circus cyaneus

Red-tailed Hawk
Buteo jamaicensis

Turkey Vulture
Cathartes aura

Black Vulture
Coragyps atratus

Barn Swallow
Hirundo rustica

American Crow
Corvus brachyrhynchos

Red-winged Blackbird
Agelaius phoeniceus

Brown-headed Cowbird
Molothrus ater

Rufous-sided Towhee
Pipilo erythrophthalmus

Red Fox (tracks)
Vulpes fulva

White-tailed Deer
Odocoileus virginianus

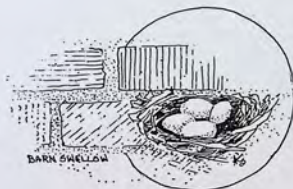
Bobcat (tracks & mandible)
Lynx rufus

AIRPLANE

Cessna 210 - retractable gear

Boeing 747-TTA, estimated
altitude 26,000 feet

These entries provided by the
expertise of Scott Finlayson.



SAVANNAH NATIONAL WILDLIFE REFUGE

1 December 1984

Our last field trip of the year provided a delightful day, with marvelous weather and plenty of birds. Pound for pound, though, I think we saw as much alligator as bird. We saw some BIG alligators! Tom Collins, a volunteer at the refuge, was our guide. Thank you to him and to Margaret Weeks who did the contact work for our visit and then fell victim to the flu. The one blot on the day was "losing" about half the cars in the caravan. I feel very sad about that.... I hope all cars got to see all the special things we did.

I'd like to repeat one announcement that I made on the last trip. Most of you have heard the news. Effective January 2nd, Rudy Mancke, our President Emeritus, will no longer be Curator of Natural History for the State Museum. He will become Executive Director for Science Programming for South Carolina ETV. He is bubbling over with plans for Naturescene and expanded services for teachers. Rudy commented that he should have more time for SCAN this next year -- but he said that last year. Being so competent has its drawbacks. We wish Rudy the best in his new position.

For those of you on the last field trip who requested a field guide to airplanes, you should know your needs have been answered by Houghton-Mifflin. There is now A Field Guide to Airplanes using the Roger Tory Peterson system of identifying characters. I'm not advocating including such winged creatures on future checklists!

See you next year. Merry Christmas to all and to all a good sight!

Lynn B. Smith, SCAN President

Location : Jasper County

SAVANNAH NATIONAL WILDLIFE REFUGE 1984

FLORA

Sensitive Fern
Onoclea sensibilis

Ebony Spleenwort
Asplenium platyneuron

Pond Cypress
Taxodium ascendens

Common Cat-tail
Typha latifolia

Cane
Arundinaria gigantea

Grass
Opismenus setarius

Bulrush
Scirpus cyperinus

Dwarf Palmetto
Sabal minor

Spanish Moss
Tillandsia usneoides

Swamp Willow
Salix caroliniana

Wax Myrtle
Myrica cerifera

Live Oak
Quercus virginiana

Sugar berry
Celtis laevigata

Red Mulberry
Morus rubra

Wild Radish
Raphanus raphanistrum

Sweetgum
Liquidambar styraciflua

Carolina Laurel Cherry
Prunus caroliniana

Sicklepod
Cassia obtusifolia

Glottidium vesicarium

Vigna luteola

China-berry
Melia azedarach

Popcorn Tree
Sapim sebiferum

Poison Ivy
Rhus radicans

Winged Sumac
Rhus copallina

Yaupon
Ilex vomitoria

Red Maple
Acer rubrum

Rose Mallow
Hibiscus moscheutos

Periwinkle
Vinca major

Climbing Milkweed
Matelea sp.

Lantana sp.

Nightshade
Solanum carolinense

Button Bush
Cephalanthus occidentalis

Richardia scabra

Japanese Honeysuckle
Lonicera japonica

Elderberry
Sambucus canadensis

Dog-fennel
Eupatorium capillifolium

Groundsel-tree
Baccharis halimifolia

Goldenrod
Solidago sp.

China Parasol-tree
Firmiana platanifolia

Blue Vervain
Verbena brasiliensis

Gem-studded Puff-ball
Lycoperdon perlatum

Columned Stinkhorn
Clathrus columnatus

White-egg Bird's Nest
Crucibulum laeve

FAUNA

Pied-Billed Grebe
Podilymbus podiceps

Double-crested Cormorant
Phalacrocorax auritus

American Anhinga
Anhinga anhinga

Tundra Swan (Whistling)
Olor columbianus

Mallard
Anas platyrhynchos

American Wigeon
Anas americana

SCAN: THE FIRST TEN YEARS

FAUNA (Cont'd)

Wood Duck <i>Aix sponsa</i>	Red-shouldered Hawk <i>Buteo lineatus</i>	American Goldfinch <i>Carduelis tristis</i>
Cinnamon Teal (?) <i>Anas cyanoptera</i>	Turkey Vulture <i>Cathartes aura</i>	Swamp Sparrow <i>Melospiza georgiana</i>
Shoveler (Northern) <i>Anas chlypeata</i>	Black Vulture <i>Coragyps atratus</i>	Hispid Cotton Rat (nest, trails & rat) <i>Sigmodon hispidus</i>
Canvas Back <i>Aythya valisineria</i>	American Kestrel <i>Falco sparverius</i>	(Marsh) Rice Rat (nest & rat) <i>Oryzomys p. palustris</i>
Ring-necked Duck <i>Aythya collaris</i>	Mourning Dove <i>Zenaida macroura</i>	Raccoon (tracks) <i>Procyon lotor</i>
Lesser Scaup <i>Aythya affinis</i>	Ground Dove <i>Columbina passerina</i>	White-tailed Deer (tracks, scat, & deer) <i>Odocoileus virginianus</i>
American Coot <i>Fulica americana</i>	Belted Kingfisher <i>Megasceryle alcyon</i>	S. Leopard Frog <i>Rana sphenoccephala</i>
Common Moorhen (Common Gallinule) <i>Gallinula chloropus</i>	Northern Flicker <i>Colaptes auratus</i>	Green Tree Frog <i>Hyla c. cinerea</i>
Forster's Tern <i>Sterna forsteri</i>	Yellow-bellied Sapsucker <i>Sphyrapicus varius</i>	Alligator <i>Alligator mississippiensis</i>
Great Blue Heron <i>Ardea herodias</i>	Eastern Phoebe <i>Sayornis phoebe</i>	Gulf Fritillary <i>Agraulis vanillae</i>
Little Blue Heron <i>Florida caerulea</i>	Fish Crow <i>Corvus ossifragus</i>	Little Yellow (Sulfur) <i>Eurema lisa</i>
Great Egret <i>Casmerodius albus</i>	American Crow <i>Corvus brachyrhynchos</i>	Cloudless Sulphur <i>Phoebis sennae</i>
White Ibis <i>Eudocimus albus</i>	Northern Mockingbird <i>Mimus polyglottos</i>	Buckeye <i>Junonia coenia</i>
Clapper Rail <i>Rallus longirostris</i>	Loggerhead Shrike <i>Lanius ludovicianus</i>	Monarch <i>Danaus plexippus</i>
Northern Harrier (Marsh Hawk) <i>Circus cyaneus</i>	White-eyed Vireo (nest) <i>Vireo griseus</i>	Woolly Bear (larva) <i>Pyrrharctia bella</i>
Red-tailed Hawk <i>Buteo jamaicensis</i>	Red-winged Blackbird <i>Agelaius phoeniceus</i>	Flannel Moth (cocoon) <i>megalopyge opercularis</i>
	Dark-eyed Junco <i>Junco hyemalis</i>	

FAUNA (Cont'd)

Field Cricket
Gryllus pennsylvanicus

Twice-stabbed Lady Beetle
Chilocorus stigma

Fire Ant
Solenopsis geminata

Northern Mole Cricket
Gryllotalpa hexadactyla

Dragonfly
Sympetrum ambiguum

Spotted Cucumber Beetle
Diabrotica undecimpunctata

Leaf-footed Bug
Leptoglossus phyllopus (?)



1985 FIELD TRIP LIST

DATE	SITE VISITED	COUNTY	PAGE
Jan 85	Annual Meeting	Richland	II-307
23 Feb 85	Poinsett SP	Sumter	II-309
23 Mar 85	Broad River Waterfowl Area	Fairfield	II-312
13 Apr 85	Flat Creek Natural Area	Lancaster	II-315
27-28 Apr 85	Sassafras Mountain/Table Rock SP	Pickens	II-319
25 May 85	Wenee Woods	Sumter	II-324
22 Jun 85	Jones Gap (Lower Area)	Greenville	II-328
27 Jul 85	Waddell Mariculture Center	Beaufort	II-332
24 Aug 85	Charlie's Acres	Transylvania, N. C.	II-335
28 Sep 85	Seabrook Island/Barrier Island	Charleston	II-339
26 Oct 85	Diamond Hill Mine	Abbeville	II-343
Nov 85	No Meeting		
7 Dec 85	Myrtle Beach Farms	Horry	II-346

ANNUAL MEETING

January 1985

Many, many thanks to Jamie Bennett for having us and all our "stuff" at the Criminal Justice Hall of Fame. As usual, she had to literally sweep us out the door. Thank you, too, to all of you who brought exhibits. We had lots of books, book lists, fossils, lovely mammal skins that Bill Teska brought, birds nests that Julie Finlayson brought, and more. The slide-tape program Betty Gilbert put together for the Duck Stamp Anniversary at Santee was even better in the warm indoors. I also want to thank Rudy Mancke for the enlightening discussion on identifying legged reptiles. Let's hope for a good year to practice. Thank you, Betty Gilbert, for all the hours that went into this year's slide show of field trip highlights. To Decanie Dowling and the others who lent slides, more "thank yous."

There were lots of interesting books. One new one of interest is the latest addition to the Peterson Field Guide Series, *A Field Guide to the Moths of Eastern North America*. I spent five minutes with it and found a moth I could not locate in Holland's book. It should be arriving in the local stores state-wide soon. Margaret Weeks spent a lot of time preparing a list of her natural history books, and getting it duplicated for us to share. If you did not get a copy of this and would like one, see me on the field trips or drop me a note.

The primary business at the annual meeting consisted of reporting the results of the elections for officers and field trip sites. The enclosed sheet gives you those results. I suggest you keep it for future reference. Field trip name tags were discussed, resulting in Claire Avedesian agreeing to make name tags for everyone for the cost of materials, Pat Pitcher agreeing to keep them for us between trips, and Anna Kay Singley agreeing to prepare a logo for us. If you have logo ideas get them to Anna Kay.

The Board of Directors reports that it voted to reduce the dues by one half for those members joining SCAN on or after September first of each year. Sorry, that doesn't apply to renewals! By the conclusion of the annual meeting approximately half of us have renewed. Please get your dues in

SCAN: THE FIRST TEN YEARS

soon. I'll become a Scrooge and cull your name from the mailing list soon. Dues are \$10.00, plus an additional \$5.00 for each member at the same address sharing the same letter.

Our first field trip for 1985 will be to Poinsett State Park in Sumter County. This is part of the High Hills of the Santee. An old lake and mill run gives a focal point for a varying collection of habitats. Spanish moss waves over mountain laurel along the entrance road. The park is located about 6 miles south of Wedgefield on SC 261. You will turn off 261 to the west on a short paved road into the park.

Sincerely,

Lynn B. Smith, SCAN President

POINSETT STATE PARK

23 February 1985

Almost 40 of us took to the trails of Poinsett State Park on February 23rd. It was a day to be glad you had spring fever. Even without sunshine the warmth brought out many harbingers of spring. The mosquitoes came out hungry! The end of the day came before most of us were ready for it.

Anna K. Singley is hard at work on a design for a name tag button and for a SCAN patch. She had several exciting designs to show us on the field trip.

Lynn B. Smith, SCAN President

LOCATION: Sumter County

FLORA

Christmas Fern
Polystichum acrostichoides

Netted Chain-Fern
Woodwardia areolata

Resurrection Fern
Polypodium polypodioides

Long-leaf Pine
Pinus palustris

Loblolly Pine
Pinus taeda

Bald Cypress
Taxodium distichum

E. Red Cedar
Juniperus virginiana

Cane
Arundinaria gigantea

Grass
Uniola sessiliflora

Spanish Moss
Tillandsia usneoides

Bamboo
Smilax laurifolia

Cranefly Orchid
Tipularia discolor

Wax Myrtle
Myrica cerifera

Mockernut
Carya tomentosa

Pignut
Carya glabra

Tag Alder
Alnus serrulata

American Beech
Fagus grandifolia

White Oak
Quercus alba

Post Oak
Quercus stellata

Black Oak
Quercus velutina

Southern Red Oak
Quercus falcata

Black Jack Oak
Quercus marilandica

Water Oak
Quercus nigra

Hackberry
Celtis occidentalis
var. *georgiana*

Mistletoe
Phoradendron serotinum

Wild Ginger
Hexastylis arifolia

Thimbleweed
Anemone virginiana

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Tulip Tree <i>Liriodendron tulipifera</i>	Black Gum <i>Nyssa sylvatica</i>	Yellow Jessamine <i>Gelsemium sempervirens</i>
Sweet Bay <i>Magnolia virginiana</i>	Black Gum <i>Nyssa sylvatica</i> var. <i>biflora</i>	Dodder <i>Cuscuta</i> sp.
Sweet-shrub <i>Calycanthus floridus</i>	Flowering Dogwood <i>Cornus florida</i>	Skullcap <i>Scutellaria</i> sp.
Red Bay <i>Persea borbonia</i>	Sweet Pepperbush <i>Clethra alnifolia</i>	<i>Bacopa</i> sp.
Virginia Willow <i>Ita virginica</i>	Pipsissewa <i>Chimaphila maculata</i>	Partridge Berry <i>Mitchella repens</i>
Climbing Hydrangea <i>Decumaria barbara</i>	Indian Pipe <i>Monotropa uniflora</i>	<i>Viburnum</i> sp.
Alumroot <i>Heuchera americana</i>	Azalea <i>Rhododendron</i> sp.	Elderberry <i>Sambucus canadensis</i>
Sweet-gum <i>Liquidambar styraciflua</i>	Mountain Laurel <i>Kalmia latifolia</i>	Elephant's Foot <i>Elephantopus</i> sp.
Witch-Hazel <i>Hamamelis virginiana</i>	Fetterbush <i>Lyonia lucida</i>	Maze Polypore <i>Cerrena unicolor</i>
Hawthorn <i>Crataegus</i> sp.	Dog Hobble <i>Leucothoe axillaris</i>	Carbon Balls <i>Daldinia concentrica</i>
Carolina Laurel Cherry <i>Prunus caroliniana</i>	Sourwood <i>Oxydendrom arboreum</i>	Tufted Collybia <i>Collybia confuens</i>
Poison Ivy <i>Rhus radicans</i>	Trailing Arbutus <i>Epigaea repens</i>	Pear-shaped Puffball <i>Lycoperdon pyriforme</i>
American Holly <i>Ilex opaca</i>	Sparkleberry <i>Vaccinium arboreum</i>	Multicolor Gill Polypore <i>Lenzites betulinae</i>
Inkberry <i>Ilex glabra</i>	Blueberry <i>Vaccinium elliotii</i>	Silky Parchment <i>Stereum striatum</i>
Strawberry Bush <i>Euonymus americanus</i>	Galax <i>Galax aphylla</i>	Black Knot <i>Apiosporina morbosa</i>
Red Maple <i>Acer rubrum</i>	Horse Sugar <i>Symplocos tinctoria</i>	Blood-red Polypore <i>Pycnoporus sanguineus</i>
Water Willow <i>Decodon verticillatus</i>	Ash <i>Fraxinus</i> sp.	

FAUNA

Red-shouldered Hawk
Buteo lineatus

Turkey Vulture
Cathartes aura

American Kestrel
Falco sparverius

Belted Kingfisher
Megascops alcyon

Red-headed Woodpecker
Melanerpes erythrocephalus

Pileated Woodpecker
Drycopus pileatus

Red-bellied Woodpecker
Melanerpes carolinus

Downy Woodpecker
Picoides pubescens

Carolina Chickadee
Parus carolinensis

Tufted Titmouse
Parus bicolor

Carolina Wren
Thryothorus ludovicianus

Ruby-crowned Kinglet
Regulus calendula

Brown Thrasher
Toxostoma rufum

Hermit Thrush
Catharus guttatus

Pine Warbler
Dendroica pinus

Slate-colored Junco
Junco hyemalis

Northern Cardinal
Cardinalis cardinalis

Rufous-sided Towhee
Pipilo erythrophthalmus

White-throated Sparrow
Zonotrichia albicollis

Fox Sparrow
Passerella iliaca

Raccoon (tracks)
Procyon lotor

Deer (tracks)
Odocoileus virginianus

Eastern Gray Squirrel
Sciurus carolinensis

Slimy Salamander
Plethodon glutinosus

Spring Peeper
Hyla crucifer

Southern Leopard Frog
Rana sphenoccephala

Carolina Anole
Anolis carolinensis

Redbelly Water Snake
Nerodia erythrogaster

Spring Azure
Celastrina ladon

Promethea Moth (cocoons)
Callosamia promethea

Forest Tent Caterpillar (egg masses)
Malacosoma disstria

Firefly (no light organs)
Ellychnia cornuta (?)

Bess-beetle, Patent-Leather Beetle, Horned Passalus
Odontotaenius disjunctus

Eastern Box Elder Bug
Leptocoris trivittatus

Bald-faced Hornet
Vespa maculata

Bumble Bee
Bombus sp.

Dogwood Club Gail (midge)
Mycodiplosis alternata

Oak Bullet Gail Wasp
Disholcaspis sp.

Oak Apple Gail Wasp
Cynipidae

Great Common Zonite
Mesomphix vulgaris

White Lipped Forest Snail
Triodopsis albolabris

Common White-lipped Forest Snail
Mesodon thyroides



BROAD RIVER WATERFOWL AREA

23 March 1985

The March trip to the Broad River Waterfowl Area was one that convinced a person that someone up there smiles on SCAN. I, for one, left home prepared for a cold soggy day in the field. By 10:30 the sun was shining. By noon it was very warm! Lots of us had pink noses by mid-afternoon. It was a most pleasant trip.

Perhaps some of our members would like to participate in a new effort for wildlife that is being launched by the newly formed "Wildlife Rehabilitation Coalition of the Midlands," a service designed to educate or to help the public cope with the problem of orphaned or injured birds or other wildlife. Joan Siebert, program coordinator for the Coalition, will receive all calls and refer them on to volunteer caretakers who will try to nurse these birds back to health before returning them to their natural habitat. (The Coalition is comprised of Columbia Audubon Society, The Richland SPCA, the Riverbanks Zoo, the S.C. Department of Wildlife and Marine Resources, and the U.S. Fish and Wildlife Service.)

Lynn B. Smith, SCAN President

Location: Fairfield County

FLORA

Loblolly Pine <i>Pinus taeda</i>	Broom-straw <i>Andropogon sp.</i>	Cottonwood <i>Populus deltoides</i>
Eastern Red Cedar <i>Juniperus virginiana</i>	Bulrush <i>Scirpus cyperinus</i>	Tag Alder <i>Alnus serrulata</i>
Common Cat-tail <i>Typha latifolia</i>	Rush <i>Juncus sp.</i>	River Birch <i>Betula nigra</i>
Cane <i>Arundinaria gigantea</i>	Onion <i>Allium sp.</i>	Water Oak <i>Quercus nigra</i>
River Oats <i>Uniola latifolia</i>	Crane-fly Orchid <i>Tipularia discolor</i>	Winged Elm <i>Ulmus alata</i>
Love Grass <i>Eragrostis sp.</i>	Black Willow <i>Salix nigra</i>	Mistletoe <i>Phoradendron serotinum</i>

FLORA (Cont'd)

Chickweed <i>Stellaria media</i>	<i>Lespedeza</i> sp.	Moneywort <i>Lysimachia nummularia</i>
Pearlwort <i>Sagina decumbens</i>	<i>Glottidium vesicarium</i>	Ash <i>Fraxinus</i> sp.
Buttercup <i>Ranunculus abortivus</i>	Cranesbill <i>Geranium carolinianum</i>	<i>Matelea</i> sp.
Tulip Tree <i>Liriodendron tulipifera</i>	China-berry <i>Melia azedarach</i>	Woolly Mullein <i>Verbascum thapsus</i>
Sassafras <i>Sassafras albidum</i>	Poison Ivy <i>Rhus radicans</i>	<i>Veronica arvensis</i>
<i>Corydalis flavula</i>	Winged Sumac <i>Rhus copallina</i>	Cross Vine <i>Anisostichus capreolata</i>
<i>Draba brachycarpa</i>	Smooth Sumac <i>Rhus glabra</i>	Cow-itch Vine, Trumpet Creeper <i>Campsis radicans</i>
Mouse-ear Cress <i>Arabidopsis thaliana</i>	Red Maple <i>Acer rubrum</i>	Bluet <i>Houstonia pusilla</i>
Bitter Cress <i>Cardamine hirsuta</i>	Box Elder <i>Acer negundo</i>	Japanese Honeysuckle <i>Lonicera japonica</i>
Sweet-gum <i>Liquidambar styraciflua</i>	Jewel-weed <i>Impatiens capensis</i>	<i>Viburnum</i> sp.
Sycamore <i>Platanus occidentalis</i>	Rose Mallow <i>Hibiscus moscheutos</i> (?)	Goldenrod <i>Solidago</i> sp.
Blackberry <i>Rubus</i> sp.	Field Pansy <i>Viola rafinesquii</i>	Alder Cone Fungus <i>Taphrina alni-incanae</i>
Hawthorn <i>Crataegus</i> sp.	Violet <i>Viola</i> sp.	Beaked Earthstar <i>Geastrum pectinatum</i>
Chickasaw Plum <i>Prunus angustifolia</i>	<i>Ludwigia</i> (<i>Jussiaea</i>) sp.	Black Knot <i>Apiosporina morbosa</i>
Redbud <i>Cercis canadensis</i>	<i>Ludwigia alternifolia</i>	Orange Jelly (on <i>Juniperus</i>) <i>Dacrymyces palmatus</i>
Honey Locust <i>Gleditsia triacanthos</i>	Queen Anne's Lace <i>Daucus carota</i>	Scaly Lentinus <i>Lentinus lepideus</i>

FAUNA

White-fronted Goose (?) <i>Anser albifrons</i>	Canada Goose <i>Branta canadensis</i>	Great Blue Heron <i>Ardea herodias</i>
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SCAN: THE FIRST TEN YEARS

FAUNA (Cont'd)

Killdeer <i>Charadrius vociferus</i>	Yellow-rumped Warbler <i>Dendroica coronata</i>	Spring Azure <i>Celastrina ladon</i>
Common (Wilson's) Snipe <i>Gallinago gallinago</i>	Pine Warbler <i>Dendroica pinus</i>	E. Pine Elf <i>Incisalia niphon</i>
Red-tailed Hawk <i>Buteo jamaicensis</i>	Common Yellowthroat <i>Geothlypis trichas</i>	Common Sulfur <i>Colias philodice</i>
Osprey <i>Pandion haliaetus</i>	Dark-eyed Junco <i>Junco hyemalis</i>	Tiger Swallowtail <i>Pterourus glaucus</i>
Turkey Vulture <i>Cathartes aura</i>	Northern Cardinal <i>Cardinalis cardinalis</i>	Falcate Orangetip <i>Anthocharis midea</i>
Black Vulture <i>Coragyps atratus</i>	Rufous-sided Towhee <i>Pipilo erythrophthalmus</i>	Question Mark <i>Polygonia interrogationis</i>
Belted Kingfisher <i>Megascerys alcyon</i>	Song Sparrow <i>Melospiza melodia</i>	Pearly Crescent-spot <i>Phycodes tharos</i>
Red-headed Woodpecker <i>Melanerpes erythrocephalus</i>	Spring Peeper <i>Hyla crucifer</i>	Asiatic Clam <i>Corbicula manilensis</i>
Northern Flicker <i>Colaptes auratus</i>	Upland Chorus Frog <i>Pseudacris triseriata feriarum</i>	Writing Spider (eggcase) <i>Argiope aurantia</i>
Eastern Phoebe <i>Sayornis phoebe</i>	Yellowbelly Slider <i>Chrysemys s. scripta</i>	Chinese Mantid (eggcases) <i>Tenodera aridifolia</i>
Fish Crow <i>Corvus ossifragus</i>	Five-lined Skink <i>Eumeces fasciatus</i>	Six-spotted Tiger Beetle <i>Cicindela sexguttata</i>
Blue Jay <i>Cyanocitta cristata</i>	Ground Skink <i>Scincella laterale</i>	Goldenrod Ball Gail Fly <i>Eurostoa solidaginis</i>
Carolina Chickadee <i>Parus carolinensis</i>	Eastern Mole (runways) <i>Scalopus aquaticus (?)</i>	Goldenrod Bunch Gail Midge <i>Rhopalomyia solidaginis</i>
Tufted Titmouse <i>Parus bicolor</i>	Cotton Rat (runways & rat) <i>Sigmodon hispidus</i>	Bagworm Moth larval cases Family <i>Psychidae</i>
Mockingbird, Northern <i>Mimus polyglottos</i>	Bobcat <i>Felis rufus</i>	Springtails Collembola Order
American Robin <i>Turdus migratorius</i>	Raccoon (tracks) <i>Procyon lotor</i>	
Cedar Waxwing <i>Bombycilla cedrorum</i>	White-tail Deer (tracks & skeleton) <i>Odocoileus virginianus</i>	

FLAT CREEK NATURAL AREA

13 April 1985

Over 20 members took advantage of the "president's special" trip to Flat Creek Natural Area. Spring on a granite outcrop is always exciting. This spring has been so dry that no water was in any of the pools on the rock. Many of the rare aquatic plants were not visible. As the group was returning to our cars from the dike area, we had an additional unexpected treat. We met a group of graduate students from the University of North Carolina being led by Dr. A. E. Radford, the primary author of Manual of the Vascular Flora of the Carolinas (that's the big green book that Florence High carries and the rest of us use).

Lynn B. Smith, SCAN President

Location: Lancaster County

FLORA

Quillwort <i>Isoetes</i> sp.	Short-leaf Pine <i>Pinus echinata</i>	Solomon's Seal <i>Polygonatum biflorum</i>
Hairy Up-fern <i>Cheilanthes lanosa</i>	Red Cedar <i>Juniperus virginiana</i>	Bear-grass <i>Yuca filamentosa</i>
Rattlesnake Fern <i>Botrychium virginianum</i>	Cane <i>Arundinaria gigantea</i>	Trout-lily <i>Erythronium americanum</i>
Bracken <i>Pteridium aquilinum</i>	Melic Grass <i>Melica mutica</i>	False Garlic <i>Allium bivalve</i>
Lady Fern <i>Athyrium asplenoides</i> (<i>A. filix-femina angustum?</i>)	<i>Carex</i> sp.	Crane-fly Orchid <i>Tipularia discolor</i>
Christmas Fern <i>Polystichum acrostichoides</i>	Jack in the pulpit <i>Arisaema triphyllum</i>	Mockernut <i>Carya tomentosa</i>
Ebony Spleenwort <i>Asplenium platyneuron</i>	Woodrush <i>Luzula</i> sp.	Tag Alder <i>Alnus serrulata</i>
Resurrection Fern <i>Polypodium polypodioides</i>	Catesby's Trillium <i>Trillium catesbaei</i>	Hazelnut <i>Corylus americana</i>

FLORA Cont'd)

White Oak <i>Quercus alba</i>	Stonecrop <i>S. smallii</i>	Violet <i>V. primulifolia</i>
Rock Chestnut Oak <i>Q. prinus</i>	Mock-orange <i>Philadelphus inodorus</i>	Lovage <i>Ligusticum canadense</i>
Black Oak <i>Q. velutina</i>	Alum Root, Coral Bells <i>Heuchera americana</i>	Flowering Dogwood <i>Cornus florida</i>
Black Jack Oak <i>Q. marilandica</i>	Sweet-gum <i>Liquidambar styraciflua</i>	Pinxter-flower <i>Rhododendron nudiflorum</i>
Hackberry <i>Celtis occidentalis</i> var. <i>georgiana</i>	Witch-hazel <i>Hamamelis virginiana</i>	Sparkleberry <i>Vaccinium arboreum</i>
False Nettle <i>Boehmeria cylindrica</i>	Five-fingers <i>Potentilla canadensis</i>	Buckthorn <i>Bumelia lycioides</i>
Heart Leaf, Wild Ginger <i>Hexastylis</i> sp.	Black Cherry <i>Prunus serotina</i>	Yellow Jessamine <i>Gelsemium sempervirens</i>
Sandwort <i>Arenaria uniflora</i>	Lupine <i>Lupinus perennis</i>	Blue Star <i>Amsonia tabernaemontana</i>
Sandwort <i>A. groenlandica</i>	Violet Wood Sorrel <i>Oxalis violacea</i>	<i>Matelea</i> sp.
Wild Pink <i>Silene caroliniana</i>	<i>Euphorbia</i> sp.	<i>Phlox nivalis</i>
Yellow-root <i>Xanthorhiza simplicissima</i>	Poison Ivy <i>Rhus radicans</i>	Hedge Hyssop <i>Gratiola virginiana</i> (?)
Liverleaf <i>Hepatica americana</i>	Winged Sumac <i>Rhus copallina</i>	Toad-flax <i>Linaria canadensis</i>
Sweet-shrub <i>Calycanthus floridus</i>	Strawberry Bush <i>Euonymus americanus</i>	Cross Vine <i>Anisostichus capreolata</i>
Sassafras <i>Sassafras albidum</i>	Virginia Creeper <i>Parthenocissus quinquefolia</i>	Partridge Berry <i>Mitchella repens</i>
Bloodroot <i>Sanguinaria canadensis</i>	St. John's Wort <i>Hypericum reductum</i>	Bluets <i>Houstonia caerulea</i>
<i>Arbis laevigata</i>	Bird-foot Violet <i>Viola pedata</i>	Coral Honeysuckle <i>Lonicera sempervirens</i>
Stonecrop <i>Sedum pusillum</i>	Violet <i>Viola palmata</i>	Black Haw <i>Viburnum prunifolium</i>
		Rattlesnake-weed <i>Hieracium venosum</i>

FLORA (Cont'd)

Dwarf Dandelion <i>Krigia virginica</i>	Giant Chickweed <i>Stellaria pubera</i>	Wild Geranium <i>Geranium maculatum</i>
Ragwort <i>Senecio tomentosus</i>	Buttercup <i>Ranunculus sardous</i>	Buckeye <i>Aesculus sylvatica</i>
Climbing Hempweed <i>Mikania scandens</i>	Buttercup <i>R. abortivus</i>	Green Violet <i>Hybanthus concolor</i>
Pussy-toes <i>Antennaria plantaginifolia</i>	Windflower <i>Anemone sp.</i>	Sweet Chervil <i>Osmorhiza longistylis</i>
Black Knot <i>Aplosporina morbosa</i>	Blue Cohosh, Papoose-root <i>Caulophyllum thalictroides</i>	Wild Chervil <i>Chaerophyllum procumbens</i>
Swamp Beacon <i>Mitula paludosa</i> (?)	May-apple, Mandrake <i>Podophyllum peltatum</i>	Creeping Phlox <i>Phlox stolonifera</i>
Nodding Trillium <i>Trillium cernuum</i>	Moonseed <i>Menispermum canadense</i>	Bedstraw <i>Galium sp.</i>
Bellwort <i>Uvularia sessilifolia</i>	<i>Corydalis flavula</i>	Butterweed <i>Senecio glabellus</i>
Wild Ginger <i>Asarum canadense</i>	Foamflower <i>Tiarella cordifolia collina</i>	

FAUNA

Killdeer <i>Charadrius vociferus</i>	American Crow <i>Corvus brachyrhynchos</i>	Northern Parula Warbler <i>Parula americana</i>
Red-tailed Hawk <i>Buteo jamaicensis</i>	Carolina Wren <i>Thryothorus ludovicianus</i>	Pine Warbler <i>Dendroica pinus</i>
Broad-winged Hawk (imm.) <i>Buteo platypterus</i>	Tufted Titmouse <i>Parus bicolor</i>	Ovenbird <i>Selurus aurocapillus</i>
Turkey Vulture <i>Cathartes aura</i>	Blue Gray Gnatcatcher <i>Poliophtila caerulea</i>	Spring Peeper <i>Hyla crucifer</i>
Pileated Woodpecker <i>Dryocopus pileatus</i>	Brown Thrasher <i>Taxostoma rufum</i>	N. Cricket Frog <i>Acris c. crepitans</i>
Red-bellied Woodpecker <i>Melanerpes carolinus</i>	Northern Mockingbird <i>Mimus polyglottos</i>	Carolina Anole <i>Anolis carolinensis</i>
Eastern Kingbird <i>Tyrannus tyrannus</i>	White-eyed Vireo <i>Vireo griseus</i>	Fence Lizard <i>Sceloporus undulatus</i>

SCAN: THE FIRST TEN YEARS

FAUNA (Cont'd)

White-tail Deer (tracks)
Odocoileus virginianus

Tiger Swallowtail
Pterourus glaucus

Spicebush Swallowtail
Pterourus troilus

Pipevine Swallowtail
Battus philenor

Falcate Orange-tip
Anthocharis midea

Silver-spotted Skipper
Ergyryus clarus

Yucca Giant Skipper
Megathymus yuccae

Hummingbird Clearwing
Hemaris thysbe

Slender Clearwing
Hemaris gracilis

Dragonfly
Tetragoneuria cynosura

Chinese Mantid (egg case)
Tenodera aridifolia

Mole Cricket
Gryllotalpa sp.

Zebra Swallowtail
Euryides marcellus

Pearly Crescent-spot
Phycolces tharos

Water Strider
Gerridae family

Common Great Zonite
Mesomphix vulgatus

Gray Treefrog
Hyla chrysoscelis/versicolor

Green Treefrog
Hyla cinerea

Beaver (gnaw marks)
Castor canadensis

HOMO SAPIEN

Homo sapien (arrowhead of
Late Savannah period, ca.
2000-1000 B. C.)



SASSAFRAS MOUNTAIN/TABLE ROCK STATE PARK

27, 28 April 1985

"Spring has sprung; the grass has riz. I wonder where the rainfall is !" Our spring trip to the mountains was beautiful -- as usual, but the lack of rainfall was noticeable. The small amount of rain over the weekend was not enough to dampen anyone's spirits. Friday night's rain did have a humbling effect on some amateur meteorologists ... and led to at least one good camping story. On Saturday we drove up Sassafras Mountain, exploring a pond on the way, then walked down part of the Foothills Trail. Some folks walked the two and a half miles of trail back down to the pond. Others of us were more conservative and explored the top of the mountain more completely. Saturday night we explored the edge of Pinnacle Lake by flashlight. Turtles, spiders, and a croaking bullfrog all came to light. On Sunday we explored the Carrick Creek Trail. Somehow, a creek splashing over ledges and boulders and showing borders of rhododendron and hemlock is the essence of the mountains.

Here is a grateful "thank you" to members who contributed to the lists. Tom Jones did his usual superb job with the Forty-Acre Rock list. Decanie Dowling added the ferns and Dick Demarest added the birds. I added the special items from the Flat Creek Dike area, with lots of help from Oscar LaBorde. On the mountain trip, Danny Smith did the primary plant list, while I tried to keep up with the animals. Decanie again provided the fern list.

Lynn B. Smith, SCAN President

Location : Pickens County

- (S) Sassafras Mountain only
- (TR) Table Rock State Park only
- (C) Carrick Creek Trail only

SCAN: THE FIRST TEN YEARS

FLORA

Shining Clubmoss (S) <i>Lycopodium lucidulum</i>	Scrub Pine (S) <i>P. virginiana</i>	Showy Orchis (S) <i>Orchis spectabilis</i>
Running-pine Clubmoss (S) <i>L. flabelliforme</i>	Eastern Hemlock <i>Tsuga canadensis</i>	Rattlesnake Plantain (S) <i>Goodyera pubescens</i> (Fruit)
Rattlesnake Fern (S) <i>Botrychium virginianum</i>	Melic Grass (C) <i>Melica mutica</i>	Cranefly Orchid (C) <i>Tipularia discolor</i>
Cinnamon Fern (C) <i>Osmunda cinnamomea</i>	Jack in the Pulpit <i>Arisaema triphyllum</i>	Pignut Hickory (C) <i>Carya glabra</i>
Northern Maidenhair (S) <i>Adiantum pedatum</i>	Greenbrier <i>Smilax ecoriata</i> v. <i>biltmoreana</i>	Cherry Birch (S) <i>Betula lenta</i>
Hay-scented Fern (TR) <i>Dennstaedtia punctilobula</i>	Catesby's Trillium <i>Trillium catesbaei</i>	American Beech <i>Fagus grandifolia</i>
Bracken <i>Pteridium aquilinum</i>	Painted Trillium (S) <i>Trillium undulata</i> (?)	American Chestnut <i>Castanea dentata</i>
Northeastern Lady Fern <i>Adiantum felix-femina angustum</i>	Indian Cucumber-root (C) <i>Medeola virginiana</i>	White Oak <i>Quercus alba</i>
Christmas Fern <i>Polystichum acrostichoides</i>	False Solomon's Seal <i>Smilacina racemosa</i>	Rock Chestnut Oak <i>Q. prinus</i>
Broad Beech-Fern (C) <i>Thelypteris hexagonoptera</i>	Yellow Mandarin (S) <i>Disporum lanuginosum</i>	S. Red Oak <i>Q. falcata</i>
New York Fern <i>T. noveboracensis</i>	Solomon's Seal <i>Polygonatum biflorum</i>	Buffalo Nut (C) <i>Pyrularia pubera</i>
Netted Chain-Fern <i>Woodwardia areolata</i>	Trout Lily <i>Erythronium americanum</i>	Heartleaf, Wild Ginger <i>Hexastylis</i> sp. (C)
Ebony Spleenwort <i>Asplenium platyneuron</i>	Bellwort <i>Uvularia perfoliata</i> (C)	Giant Chick weed (S) <i>Stellaria pubera</i>
Mountain Spleenwort (S) <i>Asplenium montanum</i> (?)	Bellwort <i>Uvularia sessilifolia</i> (S)	Yellow-root (C) <i>Xanthorhiza simplicissima</i>
Rockcap Fern <i>Polypodium virginianum</i>	Yellow Star-grass (C) <i>Hypoxis hirsuta</i>	Windflower (C) <i>Thalictrum thalictroides</i>
Resurrection Fern <i>P. polypoides</i>	Crested Dwarf Iris (S) <i>Iris cristata</i>	Buttercup (S) <i>Ranunculus parviflorus</i>
White Pine <i>Pinus strobus</i>	Pink Lady's Slipper (S) <i>Cypripedium acaule</i>	May-apple (S) <i>Podophyllum peltatum</i>

FLORA (Cont'd)

Tulip Tree <i>Liriodendron tulipifera</i>	Buckeye (S) <i>Aesculus sylvatica</i>	Sourwood <i>Oxydendrom arboreum</i>
Fraser's Magnolia <i>Magnolia fraseri</i>	Bird's Foot Violet (S) <i>Viola pedata</i>	Trailing Arbutus (S) <i>Epigaea repens</i> (fruit)
Cucumber Tree (C) <i>Magnolia acuminata</i>	Common Blue Violet <i>V. papilionacea</i>	Buckberry (S) <i>Gaylussacia ursina</i>
Sweet-shrub (S) <i>Calycanthus floridus</i>	Violet <i>V. palmata</i> (S)	Galax <i>Galax aphylla</i>
Sassafras <i>Sassafras albidum</i>	Violet <i>V. hirsutula</i> (C)	Silverbell (S) <i>Halesia carolina</i>
Bloodroot (leaf & fruit) <i>Sanguinaria canadensis</i>	Violet <i>V. rotundifolia</i> (S)	Blue Star (S) <i>Amsonia tabernaemontana</i>
Climbing Hydrangea <i>Decumaria barbara</i>	Sweet White Violet (S) <i>V. blanda</i>	Fringetree (S) <i>Chionanthus virginicus</i>
<i>Hydrangea arborescens</i> (S)	Hastate Yellow Violet <i>V. hastata</i> (S)	Lyre-leaved Sage (S) <i>Salvia lyrata</i>
Foam Flower (TR) <i>Tiarella c. cordifolia</i>	Flowering Dogwood <i>Comus florida</i>	Cross Vine (C) <i>Anisostichus capreaolata</i>
Witch Hazel <i>Hamamelis virginiana</i>	Mountain Sweet Pepperbush <i>Clethra acuminata</i>	Squawroot <i>Conopholis americana</i>
Five-fingers <i>Potentilla canadensis</i>	Pipsissewa (TR) <i>Chimaphila maculata</i>	Partridge Berry <i>Mitchella repens</i>
Indian-physic (C) <i>Gillenia trifoliata</i>	Rosebay <i>Rhododendron maximum</i>	Bluets (C) <i>Houstonia caerulea</i>
Black Locust (S) <i>Robinia pseudo-acacia</i>	Carolina Rhododendron (S) <i>R. minus</i>	Bluets (C) <i>H. serpyllifolia</i>
Poison Ivy <i>Rhus radicans</i>	Pinxter Flower <i>Rhododendron nudiflorum</i>	Bedstraw <i>Galium sp.</i>
American Holly (S) <i>Ilex opaca</i>	Mountain Laurel <i>Kalmia latifolia</i>	Maple-leaved Viburnum (C) <i>Viburnum acerifolium</i>
Strawberry Bush <i>Euonymus americanus</i>	Leucothoe (TR) <i>Leucothoe axillaris</i>	Rattlesnake-weed <i>Hieracium venosum</i>
Red Maple <i>Acer rubrum</i>	Fetterbush (TR) <i>Leucothoe racemosa</i>	Ragwort (S) <i>Senecio aureus</i>

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Robin's Plantain
Erigeron pulchellus

Daisy Fleabane (S)
Erigeron annuus

Green and Gold
Chrysogonum virginianum

FAUNA

Tiger Swallowtail
Pterourus glaucus

Oak Apple Gall (wasp)
Amphibolips inanis

Bullfrog (TR)
Rana catesbeiana

Spicebush Swallowtail
Pterourus troilus

Wolf Spider
Lycosa sp.

Green Frog (TR)
R. clamitans

Red-banded Hairstreak
Calycopis cecrops

Bowl & Dolly Spider
Fontinella pyramitella

S. Leopard Frog (TR)
R. sphenoccephala

Eastern Tailed Blue
Evers coromys

Long-jawed Orb Weaver
Tetragnatha sp.

R. Musk Turtle (Stinkpot)
Stemotherus odoratus (TR)

Red-spotted Purple
Basilarchia astyanax

Orb Weaver
Araneus sp.

E. Box Turtle (S)
Terrapene carolina (Male)

Silver-spotted Skipper
Epyareus clarus

Nursery Web Spider (spider-
lings)
Pisauridae family

E. Fence Lizard
Sceloporus undulatus

Eastern Tent Caterpillar
Malacosoma americanum

Eastern Crayfish (C)
Combarus bartoni

Five-lined Skink (C)
Eumeces fasciatus (male)

Luna Moth (TR)
Actias luna

Great Common Zonite (C)
Mesomphix vulgatus

N. Water Snake (C)
Nerodia sipedon

Underwing Moth (larva)
Catocala sp. (TR)

River Horn Snail (C)
Goniobasis sp.

Bream
Lepomis sp.

Giant Hornet (TR)
Vespa crabro germana

Giant Forest Snail (S)
Mesodon normalis

Eastern Gray Squirrel (TR)
Sciurus carolinensis

Cranefly (larva) (C)
Tipula sp.

N. Dusky Salamander
Desmognathus fuscus

American Woodcock (S)
Philohela minor

Robber Fly
Toxomerus sp.

Eastern Newt
Notophthalmus viridescens

Red-tailed Hawk (S)
Buteo jamaicensis

Black Carpenter Ant
Camponotus pennsylvanicus

Fowler's Toad (TR)
Bufo woodhousei

Whip-poor-will (TR)
Caprimulgus vociferus

Water Strider
Gerridae family

Spring Peeper (TR)
Hyla crucifer

Pileated Woodpecker
Dryocopus pileatus

Patent-leather Beetle
Odontotaenius disjunctus

Gray Treefrog (TR)
Hyla chrysoscelis/versicolor

Great Crested Flycatcher
Myiarchus crinitus (S)

FAUNA (Cont'd)

Flycatcher (TR)
Empidonax sp.

Carolina Chickadee
Parus carolinensis

Red-eyed Vireo
Vireo olivaceus

Rough-winged Swallow (TR)
Stelgidopteryx ruficollis

Tufted Titmouse
Parus bicolor

Solitary Vireo
Vireo solitarius

Chimney Swift
Chaetura pelagica

White-breasted Nuthatch
Sitta carolinensis (TR)

Black-throated Blue Warbler
Dendroica caerulescens

Fish Crow (TR)
Corvus ossifragus

Gray Catbird (TR)
Dumetella carolinensis

Ovenbird
Seiurus aurocapillus

American Crow (TR)
C. brachyrhynchos

N. Mockingbird (S)
Mimus polyglottus

Rufous-sided Towhee
Pipilo erythrophthalmus

Blue Jay (TR)
Cyanocitta cristata

Wood Thrush (S)
Hylocichia mustelina



WENEE WOODS (DABBS' RESIDENCE)

25 May 1985

A perfect day in a perfect place with a perfect host and hostess made the May field trip one to remember. Tommy and Evelyn Dabbs went out of their way to provide us with a trip worthy of all those superlatives. The weather was especially impressive; it takes a special person to order that kind of day. It is a very unique experience to see birds at such close range. It gives meaning to the pictures in the guide books. The trails through the forest and the boat trip on the Black River rounded out a day we will remember for a long time. Many thanks to Evelyn and Tommy for having us.

Perhaps a word would be in order about the notations we use in the checklist. If a plant or animal is listed with no comment, then everyone who saw it was 99 and 44/100 percent certain of the identification. If the name is followed by a question mark, there is some doubt about species but it is probably listed accurately. If only a genus is listed followed by the abbreviation for species (sp.), the individual species could not be determined. Occasionally, only the family or order can be determined without hours of library work (and a dead specimen for study). Those of us (Tom Jones, et al.) who put together the list hope there is enough information to enable you to find out more about the specimen. Anyone who had comments on the checklist or wishes to make contributions, please feel free to do so. The more we can do to make the lists useful and accurate, the better.

Lynn B. Smith, SCAN President

Location : Sumter County

FLORA

Cinnamon Fern
Osmunda cinnamomea

S. Lady Fern
Athyrium asplenoides

Ebony Spleenwort
Asplenium platyneuron

Royal Fern
Osmunda regalis var. *spectabilis*

Netted Chain-fern
Woodwardia areolata

Bald Cypress
Taxodium distichum

FLORA (Cont'd)

E. Red Cedar <i>Juniperus virginiana</i>	Red Mulberry <i>Morus rubra</i>	Winged Sumac <i>Rhus copallina</i>
Cane <i>Arundinaria gigantea</i>	False Nettle <i>Boehmeria cylindrica</i>	American Holly <i>Ilex opaca</i>
Melic Grass <i>Melica mutica</i>	Wild Ginger <i>Hexastylis</i> sp.	Strawberry Bush <i>Euonymus americanus</i>
Golden Club <i>Orontium aquaticum</i>	Alligator Weed <i>Alternanthera philoxeroides</i>	Red Maple <i>Acer rubrum</i>
Jack in the Pulpit <i>Arisaema triphyllum</i>	Meadow Rue <i>Thalictrum</i> sp.	Red Buckeye <i>Aesculus pavia</i>
Spanish Moss <i>Tillandsia usneoides</i>	Coralbeads <i>Cocculus carolinus</i>	Jewelweed <i>Impatiens capensis</i>
False Solomon's Seal <i>Smilacina racemosa</i>	Tulip Tree <i>Liriodendron tulipifera</i>	Virginia Creeper <i>Parthenocissus quinquefolia</i>
Wild Yam <i>Dioscorea villosa</i>	Red Bay <i>Persea borbonia</i>	Muscadine <i>Vitis rotundifolia</i>
Lizard's Tail <i>Saururus cernuus</i>	Sassafras <i>albidum</i>	Silky Camellia <i>Stewartia malacodendron</i>
Wax myrtle <i>Myrica cerifera</i>	Bloodroot <i>Sanguinaria canadensis</i>	St. John's-wort <i>Hypericum walteri</i>
Mockernut <i>Carya tomentosa</i>	Sweetgum <i>Liquidambar styraciflua</i>	Yellow Passion-flower <i>Passiflora lutea</i>
Tag Alder <i>Alnus serrulata</i>	Witch-hazel <i>Hamamelis virginiana</i>	Devil's Walking stick <i>Aralia spinosa</i>
White Oak <i>Quercus alba</i>	Hawthorn <i>Crataegus uniflora</i> (?)	Snakeroot <i>Sanicula canadensis</i>
Swamp Chestnut Oak <i>Q. michauxii</i>	Black cherry <i>Prunus serotina</i>	Water Parsnip <i>Sium suave</i>
S. Red Oak <i>Q. falcata</i>	Mimosa <i>Albizia julibrissin</i>	Water Gum <i>Nyssa aquatica</i>
Water Oak <i>Q. nigra</i>	Redbud <i>Cercis canadensis</i>	Flowering Dogwood <i>Cornus florida</i>
Winged Elm <i>Ulmus alata</i>	Poison Ivy <i>Rhus radicans</i>	Sparkleberry <i>Vaccinium arboreum</i>

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Privet
Ligustrum sinense

Climbing Milkweed
Matelea sp.

Beauty-berry
Callicarpa americana

Henbit
Lamium amplexicaule

Ruellia caroliniensis

Justicia ovata

Sherardia arvensis

Viburnum nudum

Venus' Looking-glass
Specularia perfoliata

Dwarf-Dandelion
Krigia oppositifolia

Black Knot
Apiosporina morbosa

Black Antlers
Xylaria hypoxylon

Rough Fan
Panus rudis

Blackish-red Russula
Russula kromholzii

Opismenus setarius

Carex sp.

FAUNA

Red-tailed Hawk
Buteo jamaicensis

Turkey Vulture
Cathartes aura

Ruby-throated Hummingbird
Archilochus colubris

Red-bellied Woodpecker
Melanerpes carolinus

Downy Woodpecker
Picoides pubescens

Great Crested Flycatcher
Myiarchus crinitus

Acadian Flycatcher
Empidonax vireoscens

Carolina Chickadee
Parus carolinensis

Tufted Titmouse
Parus bicolor

N. Mockingbird
Mimus polyglottos

Gray-cheeked Thrush
Catharus minimus

Wood Thrush
Hylocichla mustelina

N. Parula Warbler
Parula americana

Prothonotary Warbler
Protonotaria citrea

Black-throated Blue Warbler
Dendroica caerulescens
(female)

American Redstart (female)
Setophaga ruticilla

Hooded Warbler
Wilsonia citrina

E. Meadowlark
Sturnella magna

Indigo Bunting
Passerina cyanea

Field Sparrow
Spizella pusilla

White-tailed Deer (tracks)
Odocoileus virginianus

E. Mud Turtle
Kinostemon subrubrum

Green Anole
Anolis carolinensis

Broadhead Skink
Eumeces laticeps

Tiger Swallowtail
Pterourus glaucus

Buckeye
Junonia coenia

Sleepy Orange
Eurema nicippe

Forest Tent Caterpillar
Malacosoma disstria (egg)

Leaf-footed Bug
Leptoglossus oppositus

Witch-hazel Cone Gall
Homaphys hamamelidis

Red Bay Gall
Trioza magnoliae

Green Jacket
Erythemis simplicicollis

Dragonfly
Libellula vibrans

FAUNA (Cont'd)

Dragonfly (nymphal skin)
Epicordulia princeps

Fishfly
Nigronia sp.

Chimney Crayfish
Cambarus diogenes



JONES GAP (LOWER AREA)

22 June 1985

It was a beautiful rare day in June when a mere 20 of us inched our way up the trail in lower Jones Gap. The rosebay rhododendron were approaching full bloom, as were the hydrangeas. We left no stone unturned as we explored the area. We did miss hearing a Swainson's Warbler that Irvin Pitts, park naturalist, had been hearing regularly on the lower part of the trail. Thanks to Terry Hook, Abi Rome, botanist with The Nature Conservancy, joined us for the day. She added a list of sightings for our checklist after hiking to the top of the mountain with Pat Stout. It was a challenging day that left some things still unidentified when we had to leave.

Lynn B. Smith, SCAN President

Location : Greenville County

FLORA

Cinnamon Fern <i>Osmunda cinnamomea</i>	Canada Hemlock <i>Tsuga canadensis</i>	False Solomon's Seal <i>Smilacina racemosa</i>
Hay-scented Fern <i>Dennstaedtia punctilobula</i>	<i>Microstegium vimineum</i>	Solomon's Seal <i>Polygonatum biflorum</i>
S. Lady Fern <i>Atthium asplenoides</i>	Bulrush <i>Scirpus polyphyllus</i>	Bellwort <i>Uvularia perfoliata</i>
Christmas Fern <i>Polystichum acrostichoides</i>	Jack-in-the-Pulpit <i>Arisaema triphyllum</i>	Wild Yam <i>Dioscorea villosa</i>
New York Fern <i>Thelypteris noveboracensis</i>	Day Flower <i>Commelina communis</i>	Yellow Stargrass <i>Hypoxis hirsuta</i>
Broad Beech-fern <i>Thelypteris hexagonoptera</i>	Wake Robin, Red Trillium <i>Trillium erectum</i> (fruit)	Dwarf Iris <i>Iris cristata</i>
Rock Cap Fern <i>Polypodium virginianum</i>	Catesby's Trillium <i>T. catesbaei</i> (fruit)	Pink Lady Slipper <i>Cypripedium acaule</i>
White Pine <i>Pinus strobus</i>	Indian Cucumber-root <i>Medeola virginiana</i>	Downy Rattlesnake Plantain <i>Goodyera pubescens</i>

FLORA (Cont'd)

Butternut <i>Juglans cinerea</i>	Pawpaw <i>Asimina triloba</i>	Buckeye <i>Aesculus octandra</i>
Mockernut <i>Carya tomentosa</i>	Sweet-shrub <i>Calycanthus floridus</i>	Virginia Creeper <i>Parthenocissus quinquefolia</i>
Tag Alder <i>Alnus serrulata</i>	Bloodroot <i>Sanguinaria canadensis</i>	Muscadine <i>Vitis rotundifolia</i>
Cherry Birch <i>Betula lenta</i>	Wild Hydrangea <i>Hydrangea arborescens</i> spp. <i>radiata</i>	Basswood <i>Tilia floridana</i> (?)
Beech <i>Fagus grandifolia</i>	Foamflower <i>Tiarella cordifolia</i>	Violet <i>Viola hastata</i>
American Chestnut <i>Castanea dentata</i>	Sweet-gum <i>Liquidambar styraciflua</i>	Violet <i>V. rotundifolia</i>
White Oak <i>Quercus alba</i>	Witch-hazel <i>Hamamelis virginiana</i>	Yellow Passion-flower <i>Passiflora lutea</i>
Rock Chestnut Oak <i>Q. prinus</i>	Sycamore <i>Platanus occidentalis</i>	Spikenard <i>Aralia racemosa</i>
Red Oak <i>Q. rubra</i>	Serviceberry <i>Amelanchier arborea</i>	Sanicle <i>Sanicula canadensis</i>
Buffalo Nut <i>Pyrularia pubera</i>	Black Cherry <i>Prunus serotina</i>	<i>Oxypolis rigidior</i>
Wild Ginger <i>Hexastylis</i> sp.	Black Locust <i>Robinia pseudo-acacia</i>	Black Gum <i>Nyssa sylvatica</i>
Yellowroot <i>Xanthorhiza simplicissima</i>	Hog Peanut <i>Amphicarpa bracteata</i>	Flowering Dogwood <i>Cornus florida</i>
Black Cohosh <i>Cimicifuga racemosa</i>	Poison Ivy <i>Rhus radicans</i>	Alternate-leaf Dogwood <i>C. alternifolia</i>
Meadow Rue <i>Thalictrum</i> spp.	Holly <i>Ilex opaca</i>	Mtn. Sweet Pepperbush <i>Clethra acuminata</i>
Tulip Tree <i>Liriodendron tulipifera</i>	Strawberry Bush <i>Euonymus americanus</i>	Spotted Wintergreen <i>Chimaphila maculata</i>
Umbrella Tree, Fraser's Magnolia <i>Magnolia fraseri</i>	Red Maple <i>Acer rubrum</i>	Indian Pipe <i>Monotropa uniflora</i>
Cucumber Tree <i>Magnolia acuminata</i>	Striped Maple <i>Acer pensylvanicum</i>	Rosebay <i>Rhododendron maximum</i>
		Carolina Rhododendron <i>Rhododendron minus</i>

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Mountain Laurel
Kalmia latifolia

Doghobble
Leucothoe axillaris

Sourwood
Oxydendrom arboreum

Blueberry
Vaccinium sp.

Galax
Galax aphylla

Whorled Loosestrife
Lysimachia quadrifolia

Carolina Silverbell
Halesia carolina

Ash
Fraxinus sp.

Indian Pink
Spigelia marilandica

Cross Vine
Anisostichus capreolata

Phlox sp.

Mountain Mint
Pycnanthemum incanum

Beech-drops
Epifagus virginiana

Squaw-root
Conopholis americana

Plantain
Plantago rugelii

Partridge Berry
Mitchella repens

Bluet
Houstonia serpyllifolia

Bluet
H. purpurea

Maple-leaf Viburnum
Viburnum acerifolium

Elderberry
Sambucus canadensis

Rattlesnake Root
Prenanthes sp.

Blackeyed Susan
Rudbeckia sp.

Coreopsis
Coreopsis major

The Sickener
Russula emetica

Common Split Gill
Schizophyllum commune

Hemlock Varnish Shelf
Ganoderma tsugae

Violet-toothed Polypore
Trichaptum bififormis

Rag Veil Amanita
Amanita cinereopannosa

Cleft Footed Amanita
A. brunescens

Blue Strainer
Gyroporus cyanescens

Bitter Bolete
Tylopilus felleus

Jellied False Coral
Tremellodendron pallidum

Magnolia Cone Fungus
Xylaria sp.

Eyelash Cup
Scutellinia scutellata

Green Stain
Chlorociboria aeruginascens

Stalked Puffball-in-Aspic
Calostoma cinnabarina

Small Chanterelle
Cantharellus minor

Flame Colored Chanterelle
Cantharellus ignicolor



FAUNA

Downy Woodpecker
Picoides pubescens

Acadian Flycatcher
Empidonax virens

Red-eyed Vireo
Vireo olivaceus

Black-throated Green Warbler
Dendroica virens

Yellow-bellied Sapsucker
Sphyrapicus varius (holes)

Tiger Swallowtail
Pterourus glaucus

Great Spangled Fritillary
Speyeria cybele

Red-spotted Purple
Basilarchia astyanax

Red Admiral
Vanessa atalanta

Comma
Polygonia comma

Question Mark
Polygonia interrogationis

Silver-spotted Skipper
Epargyreus clarus

Luna Moth
Actus luna

Clymene Moth
Haploa clymene

Witch Hazel Leaf Roller (Tortricid moth larva)
Cacoecia rosaceana

Witch Hazel Leaf Roller (moth larva)
Episimus argutatus

Caddisfly (larva & case)
Order trichoptera

Oak Apple Gall
Cynipid Wasp, Cynipidae

Dragonfly
Tachopteryx thoreyi

"Angulate" Orb Weaver
Araneus bicentenarius

Long-jawed Orb Weaver
Tetragnatha sp.

Giant Forest Snail
Mesodon normalis

Disk Cannibal Snail
Haplotrema concavum

River Snail
Goniobasis sp.

E. Box Turtle
Terrepene c. carolina

Copperhead
Agkistrodon contortrix

Northern Dusky Salamander
Desmognathus fuscus

Mountain Dusky Salamander
D. ochrophæus (?)

Eastern Crayfish
Cambarus bartoni (?)



JAMES WADDELL MARICULTURE CENTER

27 July 1985

Hot, humid, and fascinating would be a good description of our July trip to James Waddell Mariculture Center near Bluffton. The trip started with a guided tour of the research facility by a local volunteer guide, Mr. Frank Gilbert. We want to thank Mr. Gilbert for giving up his Saturday morning for us. All those big shrimp made us hungry! At the growth ponds, a noticeable number of fishing birds were having a free lunch courtesy of the State of South Carolina. After lunch we explored the edge of the Colleton River from the Center's dock and the forests in the area. I want to thank Dr. Oscar LaBorde for providing the list of outstanding plants. I kept track of the fauna with lots of help from all present. We miss Tom Jones and his excellent list-keeping when he is unable to be with us.

Many of the SCAN members who have attended at least one of the last two field trips are proudly displaying the new SCAN decal on their cars.

Lynn B. Smith, SCAN President

Location : Beaufort County

FLORA

Virginia Chain-fern <i>Woodwardia virginica</i>	Pipewort <i>Eriocaulon decangulare</i>	Orach <i>Atriplex patula</i>
Crowfoot Grass <i>Dactyloctenium aegyptium</i>	Spanish Moss <i>Tillandsia usneoides</i>	Pondspice <i>Litsea aestivalis</i>
Cord Grass <i>Spartina alterniflora</i>	Golden Stangrass <i>Aletris aurea</i>	Hooded Pitcher-plant <i>Sarracenia minor</i>
Saw Grass <i>Cladium jamaicense</i>	Wax Myrtle <i>Myrica cerifera</i>	Witch-hazel <i>Hamamelis virginiana</i>
Saw Palmetto <i>Serenoa repens</i>	Coastal Chinquapin <i>Castanea ashei</i>	Bladderpod <i>Glottidium vesicarium</i>
Scrub Palmetto <i>Sabal minor</i>	Live Oak <i>Quercus virginiana</i>	Carolina Indigo <i>Indigofera caroliniana</i>
Cabbage Palmetto <i>Sabal palmetto</i>	Cherrybark Oak <i>Q. pagoda (Q. falcata pagodaefolia)</i>	Coral Bean <i>Erythrina herbacea</i>

FLORA (Cont'd)

Butterfly Pea
Centrosema virginianum

Butterfly Pea
Clitoria mariana

Snout Bean
Rhynchosia difformis

Hercules' Club
Zanthoxylum clava-herculis

Stinging Nettle
Cnidioscolus stimulosus

Popcorn Tree
Sapium sebiferum

Yaupon
Ilex vomitoria

Summer Grape
Vitis aestivalis

Loblolly Bay
Gordonia lasianthus

Centella asiatica

Horse Sugar
Symplocos tinctoria

Houstonia procumbens

Marsh Elder
Iva frutescens

Vanilla Plant
Trillisa odoratissima

Black-root
Pterocaulon pycnostachum

FAUNA

Laughing Gull
Larus atricilla

Great Blue Heron
Ardea herodias

Little Blue Heron
Florida caerules

Great Egret
Casmerodius albus

Osprey
Pandion haliaetus

Black Vulture
Coragyps atratus

Ruby-throated Hummingbird
Archilochus colubris

Red-bellied Woodpecker
Melanerpes carolinus

Eastern Wood-Pee-wee
Contopus virens

Fish Crow
Corvus ossifragus

Tufted Titmouse
Parus bicolor

Summer Tanager
Piranga rubra

Northern Cardinal
Cardinalis cardinalis

E. Box Turtle (female)
Terrapene carolina

Black Racer
Coluber constrictor

Timber (Canebrake) Rattlesnake
Crotalus horridus

Broadhead Skink (juvenile)
Eumeces laticeps

Southern Toad
Bufo terrestris

E. Fox Squirrel
Sciurus niger

White-tail Deer (tracks)
Odocoileus virginianus

Atlantic Bottlenose Dolphin(?)
Tursiops truncatus

Giant Swallowtail
Heracles cressphontes

Palamedes Swallowtail
Pterourus palamedes

Spicebush Swallowtail
Pterourus troilus

Red-spotted Purple
Basiliarchia astyanax

Cloudless sulphur
Phoebis sennae

Sleepy Orange
Eurema nicolippe

Little Yellow
Eurema lisa

Gulf Fritillary
Agraulis vanillae

Carolina Mantid (imm.)
Stagmomantis carolina

Oblong-winged Katydid (?)
Amblycorypha oblongifolia

Carolina Locust
Dissosteira carolina

Green Jacket Dragonfly
Erythemis simplicicollis

FAUNA (Cont'd)

Globetrotter Dragonfly
Pantala flavescens

Thread-waisted Wasp
Subfamily Sphecinae

Eastern Wood Ticks
Dermacentor sp.

Saddlebags Dragonfly
Zamea carolina

Alder Flea Beetle (?)
Altica ambiens

Mullet
Family Mugilidae

Whited-dotted (Rough)
Prominent
Nadata gibbosa (larva)

Writing Spider (Black-and-
yellow Argiope)
Argiope aurantia



CHARLIE'S ACRES, TRANSYLVANIA, NC

24 August 1985

SCAN made its first official venture outside the state of South Carolina on August the 24th. It was a wet experience ... but a most rewarding one. In addition to all the items on the enclosed list were many plants moved into the area by our most gracious host, Mr. Charles Moore, a SCAN member. Mr. Moore has saved many plants from the path of bulldozers, thus giving us a good look at some rare plants. Oconee Bells (*Shortia*) was sufficiently "at home" to have become a common ground cover. For many of us, the Purple Fringeless and Three Bird Orchids were reason enough to make it a marvelous day. The fern-lovers were excited by the Bristle Fern. I was glad we were a group of naturalists when Oleta Beard calmly announced the presence of the rat snake overhead in the rafters of the porch on which most of us were hiding from the rain. We warmly thank Mr. Moore for allowing us to visit, for providing guide service, and offering to let us return.

Lynn B. Smith, SCAN President

Location : Transylvania County, NC.

FLORA

Beetle Cordyceps
Cordyceps melolonthae

Pigskin Poison Puttball
Scleroderma citrinum

Funnel Clitocybe
Clitocybe gibba

Orange-gilled Waxey Cup
Hygrophorus marginatus

The Sickener
Russula emetica

Tacky-green Russula
Russula aeruginea

Red Mouthed Bolete
Boletus subvelutipes

Old Man of the Woods
Strombilomyces floccus

Pustularia catinus

Citron Amanita
Amanita citrina

Crown-tipped Coral
Clavicornia pyxidata

Velvety Earth Tongue
Trichoglossum hirsutum

Chocolate Tube Silene
Stemonitis splendens

Water Measurer
Astraeus hygrometricus

Violet Cort
Cortinarius violaceus

Yellow Unloom Entoloma
Entoloma murall

White Fiber Head
Inocybe geophylla

White Worm coral
Clavaria vermicularis

Common Fiber Vase
Thelephora terrestris

Cinnabar Red Chanterelle
Cantharellus cinnabarinus

Scaly Vase Chanterelle
Gomphus floccus

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

King Bolete <i>Boletus edulis</i>	Canada Hemlock <i>Tsuga canadensis</i>	Sweet Birch <i>Betula lenta</i>
False Chantelle <i>Hygrophoropsis aurantiaca</i>	Carolina Hemlock <i>T. caroliniana</i>	Ironwood <i>Carpinus caroliniana</i>
<i>Marasmius</i> sp.	Red Maple <i>Acer rubrum</i>	Crossvine <i>Anisostichus capreolata</i>
Turkey Tail <i>Coriolus versicolor</i>	Poison Ivy <i>Rhus radicans</i>	Sweet Shrub <i>Calycanthus floridus</i>
Spindle Coral <i>Clavulinopsis fusiformis</i>	<i>Oxyopsis rigidior</i>	<i>Lobelia amoena</i>
Ground Cedar <i>Lycopodium flabelliforme</i>	American Holly <i>Ilex opaca</i>	Cardinal Flower <i>L. cardinalis</i>
Ground Pine <i>L. obscurum</i>	Jack-in-the-Pulpit <i>Arisaema triphyllum</i>	Indian Tobacco <i>L. inflata</i>
Ebony Spleenwort <i>Asplenium platyneuron</i>	Heart Leaf <i>Hexastylis arifolia</i>	Japanese Honeysuckle <i>Lonicera japonica</i>
S. Lady Fern <i>Athyrium asplenoides</i>	Boneset <i>Eupatorium perfoliatum</i>	Elderberry <i>Sambucus canadensis</i>
Christmas Fern <i>Polystichum acrostichoides</i>	Joe-Pye-Weed <i>Eupatorium fistulosum</i>	Witherod <i>Viburnum cassinoides</i>
New York Fern <i>Thelypteris noveboracensis</i>	Rough Hawkweed <i>Hieracium scabrum</i>	Heart's A Bustin' <i>Euonymus americana</i>
Bristle Fern <i>Trichomanes boschianum</i>	Coneflower <i>Rudbeckia laciniata</i>	Mountain Sweet Pepperbush <i>Clethra acuminata</i>
Common Grapefern <i>Botrychium dissectum</i>	Rattlesnake-root <i>Prenanthes</i> sp.	Dayflower <i>Commelina communis</i>
Cinnamon Fern <i>Osmunda cinnamomea</i>	Thistle <i>Cirsium</i> sp.	Flowering Dogwood <i>Cornus florida</i>
Maidenhair Fern <i>Adiantum pedatum</i>	Sunflower <i>Helianthus</i> sp.	Stonecrop <i>Sedum tematum</i>
Haysented Fern <i>Dennstaedtia punctilobula</i>	Jewelweed, Touch-me-not <i>Impatiens capensis</i>	Galax <i>Galax aphylla</i>
White Pine <i>Pinus strobus</i>	Tag Alder <i>Alnus serrulata</i>	Wild Yam <i>Dioscorea villosa</i>

FLORA (Cont'd)

Persimmon <i>Diospyros virginiana</i>	S. Red Oak <i>Q. falcata</i>	Tulip Tree <i>Liriodendron tulipifera</i>
Spotted Wintergreen <i>Chimaphila maculata</i>	Red. Oak (N.) <i>Q. rubra</i>	Fraser's Magnolia <i>Magnolia fraseri</i>
Doghobble <i>Leucothoe axillaris editorum</i>	Black Oak <i>Q. velutina</i>	Meadow-beauty <i>Rhexia virginica</i>
Pine-sap <i>Monotropa hypopithys</i>	Wild Geranium <i>Geranium maculatum</i>	Evening Primrose <i>Oenothera biennis</i>
Indian-pipe <i>Monotropa uniflora</i>	Witch-hazel <i>Hamamelis virginiana</i>	Rattlesnake Plantain Orchid <i>Godyera pubescens</i>
Sourwood <i>Oxydendrum arboreum</i>	<i>Iris cristata</i> or <i>versa</i>	Yellow-fringed Orchid <i>Habenaria ciliaris</i>
Rosebay Rhododendron <i>Rhododendron maximum</i>	Black Walnut <i>Juglans nigra</i>	Purple Fringeless Orchid <i>Habenaria peramoena</i>
Carolina Rhododendron <i>R. minus</i>	Ground Ivy <i>Glechoma hederacea</i>	Southern Twayblade <i>Listera smallii</i>
Hog Peanut <i>Amphicarpa bracteata</i>	Heal-all <i>Prunella vulgaris</i>	Crane-fly Orchid <i>Tipularia discolor</i>
Wild Sensitive Plant <i>Cassia nictitans</i>	Spicebush <i>Lindera benzoin</i>	Three-birds Orchid <i>Triphora trianthophora</i>
Partridge Pea <i>C. fasciculata</i>	Sassafras <i>Sassafras albidum</i>	Bloodroot <i>Sanguinaria canadensis</i>
Black Locust <i>Robinia pseudo-acacia</i>	Speckled Wood-lily <i>Clintonia umbellatum</i>	Pokeweed <i>Phytolacca americana</i>
Beggar Lice <i>Desmodium</i> sp.	Carolina Lily <i>Lilium michauxii</i>	Pale Plantain <i>Plantago rugelii</i>
American Chestnut <i>Castanea dentata</i>	Solomon's Seal <i>Polygonatum biflorum</i>	Purple Top <i>Tridens flavus</i>
Beech <i>Fagus grandifolia</i>	Vasey's Trillium <i>Trillium vaseyi</i>	<i>Microstegium vimineum</i>
White Oak <i>Quercus alba</i>	False Hellebore <i>Veratrum parviflorum</i>	Creeping Phlox <i>Phlox stolonifera</i>
Chestnut Oak <i>Q. prinus</i>	Turkey-beard <i>Xerophyllum asphodeloides</i>	Fringed Polygala <i>Polygala paucifolia</i>

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Milkwort
Polygala polygama

Tearthumb
Polygonum sagittatum

Baneberry, Doll's Eyes
Actaea pachypoda

Yellowroot
Xanthoxila simplicissima

Agrimony
Agrimonia parviflora

Buttonweed
Diodia virginiana

Partridge Berry
Mitchella repens

Houstonia serpyllifolia

Pitcher Plant
Sarracenia purpurea

Climbing Hydrangea
Decumaria barbara

Alumroot
Heuchera villosa

Wild Hydrangea
Hydrangea arborescens

Grass-of-Parnassus
Parnassia asarifolia

Monkey-flower
Mimulus ringens

Wood-betony
Pedicularis canadensis

Basswood
Tilia heterophylla

Round-leaved violet
Viola rotundifolia

Virginia Creeper
Parthenocissus quinquefolia

Silver-leaf Grape
Vitis aestivalis argentifolia

Collinsonia canadensis

FAUNA

Wood Frog
Rana sylvatica

Eastern Newt (Eft & Adult)
Notophthalmus viridescens

Black Rat Snake
Elaphe obsoleta

Tiger Swallowtail
Pterourus glaucus

Spring Azure
Celastrina ladon

Silver-spotted Skipper
Eparcyus clarus

The Sweetheart Underwing
Moth
Catocala amatrix (?)

Underwing Moth
Catocala sp.

Pelecinid Wasp
Pelecinus polyturator

Bowl and Dolly Spider
Frontinella pyramitella

Orb-Weaver
Araneus sp.

Ray Spider (egg mass)
Theridiosoma sp.

Witch-hazel Cone Gall (Aphid)
Homaphis hamamelidis

Giant Forest Snail
Mesodon normalis

Froghopper
Prosapia bicincta

White-tailed Dragonfly
Platthemis lydia

Dragonfly (nymphal skin)
Aeshna umbrosa (?)

DEAD ON THE ROAD

N. Copperhead
Agkistrodon contortrix

SEABROOK ISLAND/BARRIER ISLAND

28 September 1985

The September trip to Barrier Island Environmental Center proved that there is something as rare as a day in June. It is a day like September 28. The weather and facilities were perfect for exploring all habitats on the immediate coast. We wish to thank George Notary and his staff for making the visit such an exciting experience for all who attended. Having two knowledgeable leaders let us split the group, so all could see. When we used the seine, the ocean only yielded a small number of "critters," but later some bottle-nosed dolphins acted like there were things we missed. You can see by the list that we had a great day.

Lynn B. Smith, SCAN President

Location : Charleston County

FLORA

Bracken <i>Pteridium aquilinum</i>	<i>Uniola sessiliflora</i>	<i>Panicum amarum</i>
Marsh Fern <i>Thelypteris palustris</i>	Sea Oats <i>Uniola paniculata</i>	Indian Grass <i>Sorghastrum sp.</i>
Netted Chain-fern <i>Woodwardia areolata</i>	Dropseed <i>Sporobolus virginicus</i>	<i>Dichromena latifolia</i>
Ebony spleenwort <i>Asplenium platyneuron</i>	Finger Grass <i>Chloris petraea</i>	<i>Sabal minor</i>
Resurrection Fern <i>Polypodium polypodioides</i>	Cord Grass <i>Spartina patens</i>	Cabbage Palmetto <i>S. palmetto</i>
Spruce Pine <i>Pinus glabra</i>	Cord Grass <i>S. alterniflora</i>	Duckweed <i>Lemna sp.</i>
S. Red Cedar <i>Juniperus silicicola</i>	Foxtail Grass <i>Setaria magna</i>	Spanish Moss <i>Tillandsia usneoides</i>
Cane <i>Arundinaria gigantea</i>	Sandspurs <i>Cenchrus tribuloides</i>	<i>Juncus roemerianus</i>
Purple Top <i>Tridens flavus</i>	<i>Oplismenus setarius</i>	Catbrier <i>Smilax bona-nox</i>
	Barnyard Grass <i>Echinochloa crusgalli</i>	Bear-grass <i>Yucca filamentosa</i>

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Bear-grass <i>Y. gloriosa</i> (?)	<i>Croton punctatus</i>	<i>I. trichocarpa</i>
Wax Myrtle <i>Myrica cerifera</i>	<i>Euphorbia polygonifolia</i> (?)	<i>Lippia nodiflora</i>
Live Oak <i>Quercus virginiana</i>	Poison Ivy <i>Rhus radicans</i>	French Mulberry <i>Callicarpa americana</i>
Glasswort <i>Salicornia virginica</i>	Winged Sumac <i>Rhus copallina</i>	Blue Curls <i>Trichostema dichotomum</i>
<i>Suaeda linearis</i>	American Holly <i>Ilex opaca</i>	<i>Teucrium canadense</i>
Russian Thistle <i>Salsola kali</i>	Yaupon <i>Ilex vomitoria</i>	<i>Bacopa monnieri</i>
<i>Batis maritima</i>	Red Maple <i>Acer rubrum</i>	Cross Vine <i>Anisostichus capreolata</i>
<i>Iresine rhizomatosa</i>	Virginia Creeper <i>Parthenocissus quinquefolia</i>	<i>Diodia virginiana</i>
Bull Bay <i>Magnolia grandiflora</i>	Muscadine <i>Vitis rotundifolia</i>	<i>Houstonia procumbens</i>
Red Bay <i>Persea borbonia</i>	Pepper-vine <i>Ampelopsis arborea</i>	Creeping Cucumber <i>Melothria pendula</i>
<i>Sassafras albidum</i>	Sea-shore Mallow <i>Kosteletskyia virginica</i>	<i>Lobelia</i> sp.
Sea Rocket <i>Cakile harperi</i>	Prickly Pear <i>Opuntia compressa</i>	Marsh Elder <i>Iva frutescens</i>
Sweet Gum <i>Liquidambar styraciflua</i>	Prickly Pear <i>O. drummondii</i>	Marsh Elder <i>I. imbricata</i>
Sicklepod <i>Cassia obtusifolia</i>	Hercules' Club <i>Aralia spinosa</i>	Elephant's-foot <i>Elephantopus elatus</i>
Coralbean <i>Erythrina herbacea</i>	Pennywort <i>Hydrocotyle bonariensis</i>	Mistflower <i>Eupatorium coelestinum</i>
Butterfly Pea <i>Centrosema virginianum</i>	Flowering Dogwood <i>Cornus florida</i>	Climbing Hempweed <i>Mikania scandens</i>
Butterfly Pea <i>Citrifolia mariana</i>	Sea Lavender <i>Limonium carolinianum</i> (?)	Groundsel-tree <i>Baccharis halimifolia</i>
<i>Phaseolus polystachios</i>	<i>Cynanchum palustre</i>	<i>Aster tenuifolius</i>
<i>Strophostyles helvola</i>	<i>Ipomoea stolonifera</i>	Goldenrod <i>Solidago sempervirens</i>
		<i>Heterotheca subaxillaris</i>
		<i>Eclipta alba</i>

SEABROOK ISLAND/BARRIER ISLAND 1985

FLORA (Cont'd)

Sea Ox-eye
Borrchia frutescens

Verbesina sp.

Melanthera hastata

Spanish Needles
Bidens bipinnata

Yellow Shelf
Polyporus sulfureus

Columned Stinkhorn
Clathrus columnatus

FAUNA

Brown Pelican
Pelecanus occidentalis

Ring-billed Gull
Larus delawarensis

White Ibis
Eudocimus albus

Clapper Rail
Rallus longirostris

Willet
Catoptrophorus semipalmatus

Red-tailed Hawk
Buteo jamaicensis

Red-shouldered Hawk
Buteo lineatus

Turkey Vulture
Cathartes aura

Black Vulture
Coragyps atratus

Mourning Dove
Zenaida macroura

Belted Kingfisher
Megasceryle alcyon

Yellow-billed Cuckoo??
Coccyzus americanus??

Common (N.) Flicker
Colaptes auratus

Red-bellied Woodpecker
Melanerpes carolinus

Downy Woodpecker
Picoides pubescens

Blue Jay
Cyanocitta cristata

Carolina Chickadee
Parus carolinensis

Carolina Wren
Thryothorus ludovicianus

Brown Thrasher
Toxostoma rufum

Red-eyed Vireo
Vireo olivaceus

White-eyed Vireo
Vireo griseus

Solitary Vireo
Vireo solitarius

Canada Warbler
Wilsonia canadensis

Palm Warbler
Dendroica palmarum

American Redstart
Setophaga ruticilla

N. Cardinal
Cardinalis cardinalis

Common Yellowthroat
Geothlypis trichas

Tree Swallow
Iridoprocne bicolor

White-tailed Deer
Odocoileus virginianus

Raccoon (tracks)
Procyon lotor

Black Rat Snake
Elaphe obsoleta obsoleta

Atlantic Loggerhead Sea Turtle
Caretta c. caretta

Giant Swallowtail
Heracles cressphontes

Palamedes Swallowtail
Pterourus palamedes

Cabbage White
Artogeia rapae

Cloudless Sulphur
Phorbis sennae

Gulf Fritillary
Agraulis vanillae

Buckeye
Junonia coenia

Monarch
Danaus plexippus

Silver-spotted Skipper
Epargyreus claus

Long-tailed Skipper
Urbanus proteus

Gray Hairstreak
Styrmion melinus

FAUNA (Cont'd)

Sleepy Orange
Eurema nicippe

Little Yellow
Eurema lisa

Polyphemus Moth (Cocoon)
Antheraea polyphemus

Spotted Cucumber Beetle
Diabrotica undecimpunctata howardi

Net-winged Beetle
Calopteron reticulatum

Leaf-footed Bug
Leptoglossus sp.

Two-striped Grasshopper
Memoria bivittata

Green Jacket
Erythemis simplicicollis

Green Darner
Anax junius

Long-winged Skimmer
Pachydiplax longipennis

Amber Wings
Perithemis tenera

Saddlebags
Tamea sp.

Dragonfly
Erythrodiplax berenice

Potter Wasp
Eumenes fasterna

Goldenrod Bunch Gall
Rhopalomyia solidaginis (midge)

Red Bay Gall Aphid
Trioza magnoliae

Orchard Spider
Leucauge sp.

Moon Snail
Polinices

Baby Ear
Sinum perspectivum

Knobbed Whelk
Busycon carica

Common Nutmeg
Cancellaria reticulata

Atlantic Oyster Drill
Urosalpinx cinerea

Banded Tulip
Fasciolaria hunteria

Lettered Olive
Olive sayana

Atlantic Auger
Terebra taenium

Atlantic Jackknife Clam
Ensis directus

Channeled Duck Clam
Anatina plicatella

Angel Wing
Cyrtopleura costata

Hermit Crab
Pagurus sp.

Ghost Crab
Ocypode quadrata

Blue Crab
Callinectes sapidus

Speckled Crab
Arenaeus cribrarius

Keyhole Urchin
Mellita quinquesperforata

Sea Whip
Leptogorgia virgulata

Coral Barnacle (on Sea Whip)
Balanus galeatus

Sea Pork
Amaroucium stellatum

Ribbed Mussel
Modiolus demissus



DIAMOND HILL MINERAL MINE

26 October 1985

October 26th turned out to be one of those classic fall days, sunny and mild. Diamond Hill Mineral Mine gave us a unique look into the distant geologic past of the South Carolina piedmont. There were rocks covered with classic quartz crystals plus large individual crystals in some places. Some areas had the material still imbedded in the rocks, while other areas were tailings from old mine operations. A few amethyst crystals were found along with lots of clear and milky quartz. Most of us became very familiar with the ubiquitous red clay of the piedmont. Our thanks go to Mr. J. A. Browning of Anderson who owns Diamond Hill Mineral Mine, and to Rudy Mancke and Pam and Howard Spencer who made the arrangements for this trip.

Six of us stayed over to explore Parson's Mountain on Sunday. Storm Juan greeted us with rain drops at the crack of dawn. Three of us chickened out and headed for home. The campground was pleasant, and Decanie Dowling found beavers in the lake. We need a return trip with better planning.

Lynn B. Smith, SCAN President

Location : Abbeville County

FLORA

S. Grapefern
Botrychium biseriale

Christmas Fern
Polystichum acrostichoides

Ebony Spleenwort
Asplenium platyneuron

E. Red Cedar
Juniperus virginiana

Purple Top
Tridens flavus

Crane-fly Orchid
Tipularia discolor

Mockernut
Carya tomentosa

Ironwood
Carpinus caroliniana

Beech
Fagus grandifolia

White Oak
Quercus alba

Black Oak
Q. velutina

S. Red Oak
Q. falcata

Winged Elm
Ulmus alata

Aristolochia serpentaria

Wild Ginger
Hexastylis arifolia

SCAN: THE FIRST TEN YEARS

FLORA (Cont'd)

Poke <i>Phytolacca americana</i>	Red Maple <i>Acer rubrum</i>	Japanese Honeysuckle <i>Lonicera japonica</i>
Tulip Tree <i>Liriodendron tulipifera</i>	Muscadine <i>Vitis rotundifolia</i>	Bitterweed <i>Helenium amarum</i>
Sweet-gum <i>Liquidambar styraciflua</i>	Maypops <i>Passiflora incarnata</i>	Tree Ear <i>Auricularia auricula</i>
Blackberry <i>Rubus</i> sp.	Black Gun <i>Nyssa sylvatica</i>	Granular Puffball <i>Arachnion album</i>
Black Cherry <i>Prunus serotina</i>	Flowering Dogwood <i>Cornus florida</i>	Earthstar Scleroderma <i>Scleroderma geaster</i>
Poison Ivy <i>Rhus radicans</i>	Pipsissewa <i>Chimaphila maculata</i>	Yellow-red Gill Polypore <i>Gloeophyllum sepiarium</i>
Winged Sumac <i>Rhus copallina</i>	Sourwood <i>Oxydendrum arboreum</i>	Purple Jelly Drops <i>Ascocoryne sarcoides</i>
Smooth Sumac <i>R. glabra</i>	Gentian <i>Gentiana saponaria</i> ?	Trooping Crumble Cups <i>Coprinus disseminatus</i>
Strawberry Bush <i>Euonymus americanus</i>	Beechdrops <i>Epifagus virginiana</i>	

FAUNA

Red-tailed Hawk <i>Buteo jamaicensis</i>	Eastern Phoebe <i>Sayornis phoebe</i>	E. Hognose Snake <i>Heterodon platyrhinos</i>
Northern Flicker <i>Colaptes auratus</i>	White-tailed Deer (tracks) <i>Odocoileus virginianus</i>	Sleepy Orange <i>Eurema nicippe</i>
Red-bellied Woodpecker <i>Melanerpes carolinus</i>	E. Cottontail Rabbit (Tracks) <i>Sylvilagus floridanus</i>	Buckeye <i>Junonia coenia</i>
Blue Jay <i>Cyanocitta cristata</i>	E. Chipmunk <i>Tamias striatus</i>	Pearly Crescent <i>Phyciodes tharos</i>
Carolina Wren <i>Thryothorus ludovicianus</i>	Fowler's Toad <i>Bufo woodhousei fowleri</i>	Mourning Cloak <i>Nymphalis antiopa</i>
Brown Thrasher <i>Toxostoma rufum</i>	Carolina Anole <i>Anolis carolinensis</i>	Leaf-footed bug <i>Leptoglossus phyllopus</i>
N. Mockingbird <i>Mimus polyglottos</i>	E. Fence Lizard <i>Sceloporus undulatus</i>	S. Green Stink Bug <i>Nezara viridula</i>

FAUNA (Cont'd)

E. Spotted Cucumber Beetle
Diabrotica undecimpunctata
howardi

Field Cricket
Gryllus pennsylvanicus (?)

River Snail
Goniobasis sp.

Twig Girdler Beetle (girdled
hickory twigs)
Oncideus cingulata

Carolina Locust
Dissosteira carolina



MYRTLE BEACH FARMS

7 December 1985

This year ended with a marvelous field trip to Myrtle Beach Farms. We thank them for their kindness in allowing us to enter and hunt fossils. The first find of note for the day was definitely not fossilized – although its adopted home was – a Black Widow spider had set up housekeeping in a quahog shell. Several folks found nice *Exogyra* shells, some with both valves. Most of us also visited the Fossil Fair sponsored by the Myrtle Beach Fossil Club. It provided an excellent opportunity to comfortably study specimens of South Carolina fossils.

Location : Horry County

FAUNA

S. Black Widow <i>Latrodectus mactans</i>	Red-tailed Hawk <i>Buteo jamaicensis</i>	Hard-shelled Clam <i>Mercenaria campechiensis</i>
Great Blue Heron <i>Ardea herodias</i>	Turkey Vulture <i>Cathartes aura</i>	Oyster <i>Ostrea sculpturata</i>
Common Slipper Shell <i>Crepidula fornicata</i>	Loggerhead Shrike <i>Lanius ludovicianus</i>	Broad-ribbed Chione <i>Chione latilirata</i>
Top Shell <i>Callistoma</i> sp.	Keyhole Limpet <i>Diodora</i> sp.	Mottled Chione <i>Chione intepurpurea</i>
Margarite Top Shell <i>Margarites</i> sp.	Volute <i>Scaphella</i> sp.	Jewelbox <i>Chama</i> sp.
Worm Shell <i>Vermicularia</i> sp.	Moon Snail <i>Polinices</i> sp.	Spiny JewelBox <i>Arcinella cornuta</i>
Cup-and-Saucer Limpet <i>Crucibulum</i> sp.	Oyster Drill <i>Urosalpinx cinerea</i>	Broad-ribbed Cardita <i>Cardita arata</i>
Steam's Cone Shell <i>Conus steamsi</i>	Drill <i>Urosalpinx</i> sp.	Scallop <i>Pecten</i> sp.
Marginella <i>Marginella</i> sp.	Channeled Whelk <i>Busycon canaliculatum</i>	Kitten's Paw <i>Plicatula gibbosa</i>
Lettered Olive <i>Oliva sayana</i>	Knobbed Whelk <i>B. carica</i>	Ark <i>Anadara</i> sp.

FAUNA (Cont'd)

American Bittersweet
Glycymeris americana

Bittersweet
G. arata

Jackknife
Ensis sp.

Sand Shark
Odontaspis sp.

Oyster
Exogyra costata

Barnacles

Sand Dollar
Encope sp.

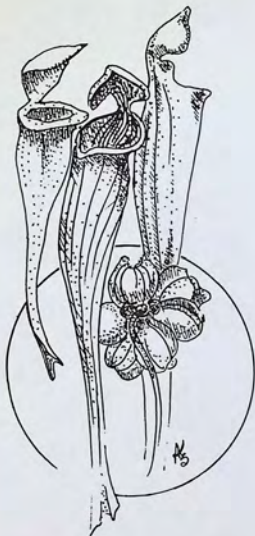
Bryozoans

Star Coral

Sea Urchin

Ghost Shrimp? (claw)
Callinassa sp.





SECTION III:
DIRECTIONAL MAPS OF SITES VISITED

MAPS ALPHABETIZED BY SITE NAME

SITE	COUNTY	PAGE
Beaver Pond (No longer in existence.)	Abbeville	NA
Beech Creek (Private property, no longer available.)	Sumter	NA
Beidler Forest	Dorchester	III-7
Belmont Plantation (Now known as Webb Wildlife Center.)	Hampton	III-7
Black River (No map, site is at the Williamsburg and Clarendon county lines.)	Williamsburg	NA
Blake's Reserve (Now known as Santee Coastal Reserve.)	Charleston	III-8
Botany Bay Island (Private property, no longer available.)	Colleton	NA
Boykin Mill Pond	Kershaw	III-8
Broad River Waterfowl Area	Fairfield	III-9
Brookgreen Gardens	Georgetown	III-9
Burches Ferry (Ask for directions at Hymans Store on Rd 57.)	Florence	III-10
Burrell's Ford	Oconee	III-12
Camp Croft State Park	Spartanburg	III-10
Carolina Bay (Now known as Lewis Ocean Bay.)	Horry	III-11
Carolina Mountains (Includes Burrell's Ford, Oconee State Park, Brasstown Falls, Walhalla Fish Hatchery, Station Falls, and Stumphouse Tunnel.)	Oconee/ Pickens	III-12
Carolina Sandhills National Wildlife Refuge and Sugar Loaf Mountain	Chesterfield	III-11

SCAN: THE FIRST TEN YEARS

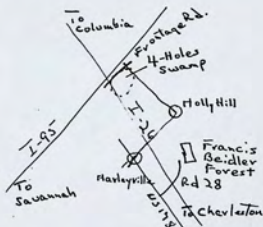
Catawba River (Site unsafe; for similar trip see Landsford Canal map at page III-19.)	Lancaster	NA
Caesar's Head	Greenville	III-13
Charlie's Acres (Private property, for similar trip, visit Pisgah National Forest on Rt. 276.)	Transylvania, NC	NA
Cheraw State Park and Fish Hatchery	Chesterfield	III-13
Chert Quarry (Now private property, no longer available.)	Allendale	NA
Congaree River Bottom (Now known as Congaree Swamp National Monument.)	Richland	III-14
Congaree Swamp National Monument	Richland	III-14
DeBordieu (Debidue) Beach (Private property, now unavailable.)	Georgetown	III-9
Diamond Hill Mineral Mine	Abbeville	III-14
Edisto Beach State Park and Dodge Plantation (Plantation private property, unavailable now.)	Charleston/ Colleton	III-15
Edisto Island	Charleston	III-15
Flat Creek Natural Area	Lancaster	III-15
Fort Johnson	Charleston	III-16
Forty-Acre Rock (Now known as Flat Creek Heritage Preserve, absolutely no collecting.)	Lancaster	III-15
Four-Holes Swamp	Orangeburg	III-7
Francis Marion National Forest	Berkley	III-16
Giant Portland Cement Quarry	Dorchester	III-17
Gifford Hill Quarry (Private property, no longer available.)	Dorchester	NA
Givhan's Ferry State Park	Dorchester	III-17

Haile Gold Mine (Commercial operation, access by permission only.)	Lancaster	III-15
Henderson's Island	Newberry	III-18
Hitchcock Woods	Aiken	III-18
Huntington Beach State Park	Georgetown	III-9
Hunting Island State Park (No map needed, take US 21 to its termination in the park.)	Beaufort	NA
Jones Gap, Lower Area	Greenville	III-13
King's Mountain State Park	York	III-19
Landsford Canal State Park	Chester	III-19
Little Mountain	Newberry	III-20
Myrtle Beach Farms (Private property, permission MUST be obtained.)	Horry	NA
Oconee State Park, Brasstown Falls and Walhalla Fish Hatchery	Oconee	III-12
Oil Camp Road	Greenville	III-20
Paris Mountain	Greenville	III-21
Peach Tree Rock	Lexington	III-21
Poinsett State Park	Sumter	III-22
Raven Cliff Falls	Greenville	III-13
Santee Coastal Reserve	Charleston	III-8
Santee National Wildlife Refuge	Clarendon	III-22
Santee Sinkholes (Obtain permission at Santee State Park Headquarters.)	Orangeburg	III-23
Sassafras Mountain, Table Rock State Park	Pickens	III-25
Savannah National Wildlife Refuge	Jasper	III-23

SCAN: THE FIRST TEN YEARS

Seabrook Island/Barrier Island Environmental Center (Private property, permission required.)	Charleston	NA
Silver Bluff Plantation Sanctuary (Now Audubon property, contact Dan Connelly, 4542 Silver Bluff Rd, Jackson, SC, 29831, 827-0781.)	Alken	III-24
Soapstone Ridge (Now Heritage Trust property, open to public but absolutely no collecting.)	Spartanburg	III-24
Station Falls and Fish Hatchery	Oconee	III-12
Steven's Creek Natural Area (In Sumter National Forest area.)	McCormick	NA
Stumphouse Tunnel, Burrell's Ford	Oconee	III-12
Sumter National Forest (No map, this 75,000 acre forest is located southeast of the towns of Abbeville and Greenwood -- this site is off of SC High- way 72, between the two towns.)	Abbeville	NA
Table Rock State Park	Pickens	III-25
Trotter's Shoals (Now underwater as Richard Russell Lake.)	Abbeville	NA
Waddell Mariculture Center	Beaufort	III-25
Webb Wildlife Center	Hampton	III-7
Wildcat Wayside	Greenville	II-13
Witherspoon Island	Darlington	III-26
Wood's Bay State Park	Sumter	III-26
Wenee Woods (Dabbs Residence) (Private property, contact Ms. Evelyn Dabbs, Wenee Woods, Rt. #1 Box 64, Mayesville, SC 29104)	Sumter	III-27

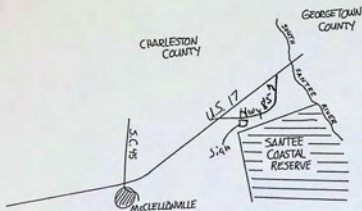
BEIDLER FOREST AND FOUR-HOLES SWAMP



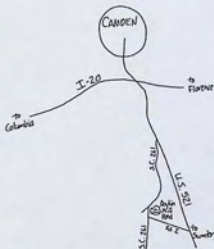
BELMONT PLANTATION
(Now known as Webb Wildlife Center.)



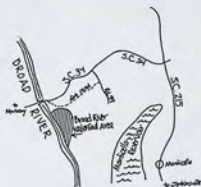
BLAKE'S RESERVE
(Now known as Santee Coastal Reserve.)



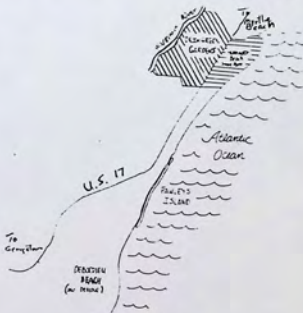
BOYKIN MILL POND



BROAD RIVER WATERFOWL AREA



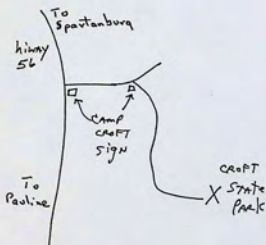
BROOKGREEN GARDENS, HUNTINGTON BEACH STATE PARK,
AND DEBORDIEU BEACH



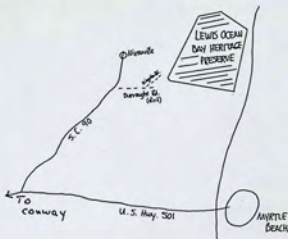
BURCHES FERRY



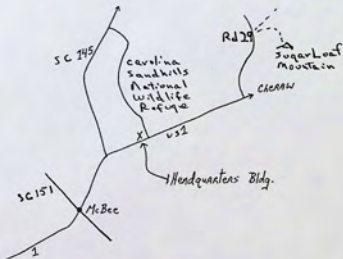
CAMP CROFT STATE PARK



CAROLINA BAY



CAROLINA SANDHILLS NATIONAL WILDLIFE REFUGE AND
SUGAR LOAF MOUNTAIN



CAROLINA MOUNTAINS

(Includes Burrell's Ford, Oconee State Park, Brasstown Falls, Walhalla Fish Hatchery, Station Falls, and Stumpouse Tunnel.)

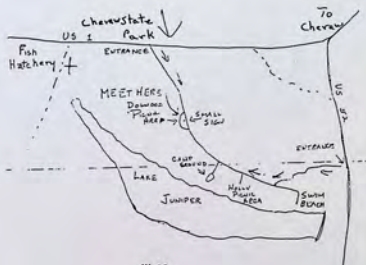


←
Brasstown Falls is located
SW of U.S. 76 on
Rd. 48, after 4.1 miles.

CAESAR'S HEAD, RAVEN CLIFF FALLS, JONES GAP LOWER AREA,
RAVEN CLIFF FALLS, AND WILDCAT WAYSIDE



CHERAW STATE PARK AND FISH HATCHERY



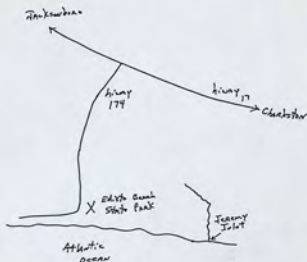
CONGAREE RIVER BOTTOM AND CONGAREE SWAMP NATIONAL MONUMENT



DIAMOND HILL MINERAL MINE

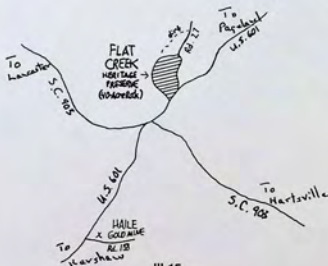


EDISTO BEACH STATE PARK



FLAT CREEK NATURAL AREA AND HAILE GOLD MINE

(Forty-Acre Rock is now known as Flat Creek Heritage Preserve, **absolutely no collecting.**) (Haile Gold Mine is a commercial operation with access by permission only.)

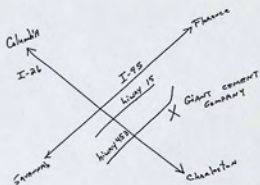




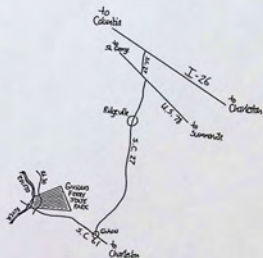
FRANCIS MARION NATIONAL FOREST



GIANT PORTLAND CEMENT QUARRY



GIVHAN'S FERRY STATE PARK



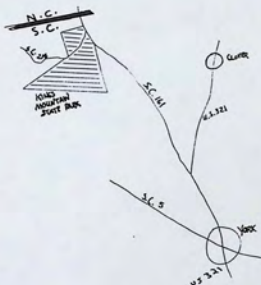
HENDERSON'S ISLAND



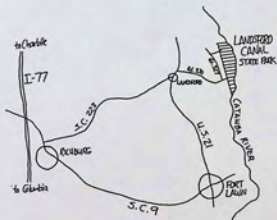
HITCHCOCK WOODS



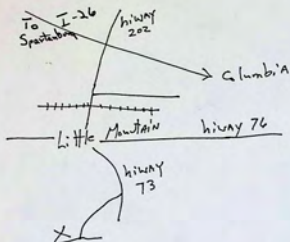
KING'S MOUNTAIN STATE PARK



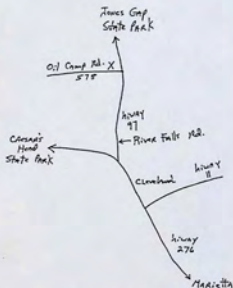
LANDSFORD CANAL STATE PARK



LITTLE MOUNTAIN



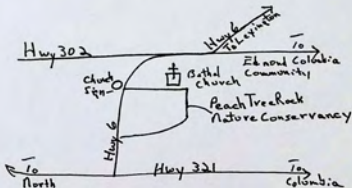
OIL CAMP ROAD



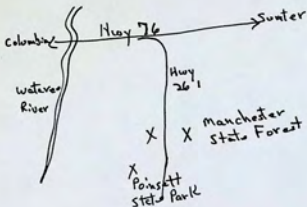
PARIS MOUNTAIN



PEACH TREE ROCK



POINSETT STATE PARK



SANTEE NATIONAL WILDLIFE REFUGE



SANTEE SINKHOLES

(Obtain permission at Santee National Park Headquarters.)



SAVANNAH NATIONAL WILDLIFE REFUGE

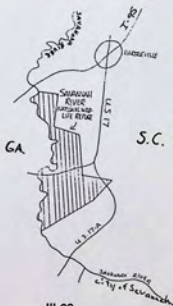


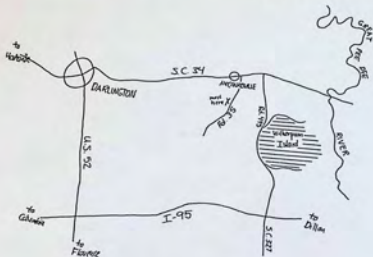
TABLE ROCK STATE PARK AND SASSAFRAS MOUNTAIN



WADDELL MARICULTURE CENTER



WITHERSPOON ISLAND

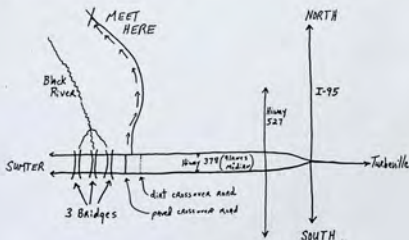


WOOD'S BAY STATE PARK



WENEE WOODS (Dabbs Residence)

(Private property, contact Ms. Evelyn Dabbs, Wenee Woods, Rt. #1, Box 64, Mayesville, SC 29104)





SECTION IV:
FLORA AND FAUNA INDICES

SECTION IV: FLORA AND FAUNA INDICES

INDEX OF FLORA BY COMMON NAME	IV-5
INDEX OF FLORA BY SCIENTIFIC NAME	IV-37
INDEX OF FAUNA BY COMMON NAME	IV-73
INDEX OF FAUNA BY SCIENTIFIC NAME	IV-100

FLORA BY COMMON NAME

- Acute-lobed Hepatica ...*Hepatica acutiloba*, 179
 Adam's Needle Yucca ...*Yucca filamentosa*, 219, 237, 256
 Ageratum, Mistflower ...*Eupatorium coelestinum*, 41
 Agrimony ...*Agrimonia parviflora*, 234, 338
 Agrimony ...*Agrimonia pubescens*, 190
 Allanthus ...*Allanthus altissima*, 151
 Alder Cone Fungus ...*Taphrina alni-incanae*, 235, 313
 Alder ...*Alnus serrulata*, 126, 197, 219
 Alligator Weed ...*Alternanthera philoxeroides*, 90, 224, 325
 Alternate-leaf Dogwood ...*Cornus alternifolia*, 88, 210, 262, 280, 329
 Alum Root, Coral Bells ...*Heuchera americana*, 316
 Alumroot ...*Heuchera americana*, 219, 234, 274, 310
 Alumroot ...*Heuchera villosa*, 338
 Amanita ...*Amanita cokeri*, 188
 Amanita ...*Amanita* sp., 22
 Amanita ...*Amanita vaginata*, 127, 161
 Amanita ...*Amanita virosa*, 134
 American Beech ...*Fagus grandifolia*, 103, 126, 145, 181, 185, 190, 207, 238, 309, 320
 American Carrot ...*Daucus pusillus*, 216
 American Chestnut ...*Castanea dentata*, 87, 98, 133, 145, 198, 234, 279, 320, 329, 337
 American Elm ...*Ulmus americana*, 266, 269, 274
 American Holly ...*Ilex opaca*, 9, 17, 22, 27, 135, 143, 173, 188, 220, 238, 249, 253, 257, 261, 280, 285, 298, 310, 321, 325, 336, 340
 American Hornbeam ...*Carpinus caroliniana*, 85, 148, 157, 207
 American Lotus ...*Nelumbo lutea*, 73, 105, 199, 240
 Ammannia ...*Ammannia coccinea*, 199
 Angelica ...*Angelica venenosa*, 220, 275
 Angle-pod ...*Matelea gonocarpa*, 184
 Angle-pod ...*Matelea* sp., 267
 Apios ...*Apios americana*, 220
 Apple ...*Malus pumila*, 261
 Arabis ...*Arabis laevigata*, 219
 Arrow Arum ...*Peltandra virginica*, 121
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