



**SCAN** *South Carolina Association of Naturalists*  
Post Office Box 5651, Columbia, South Carolina 29250-5651

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February 2012

Hello fellow SCAN members,

Welcome to 2012 and a new SCAN year. It is hard to believe we have been around for 36 years and are still going strong with over 100 members.

We have all enjoyed a great four years under Gordon's excellent leadership. Four years is a long time to be the president of a voluntary organization but Gordon handled the job well with no outward signs of burnout. In the last newsletter he even wrote, "I would love to hold the position once again." If you have not had a leadership role in SCAN for a few years, step up and volunteer. The district director has the coveted job of scouting the trip and writing about site possibilities. This is definitely the most fun job in SCAN and a good starting point for a new volunteer. Team up with an existing director and enjoy the scouting experience.

It was good to see all of you at the annual meeting. Each year we have had great annual meetings and this year was no exception.

To start our morning Jacqueline Mitchel and Miles Hayes presented some of the results of years of coastal research. Tidal wave action, hurricanes, nor'easters, rivers, jetties, dams sea level rise, etc. all play a part in the making of the coast. "Coastal heroes" (students) gathered much of the research data in dramatic weather conditions. The Q&A highlight was oil spill clean-up results and research.

Eran Kilpatrick, a former star student of Patrick McMillan, presented the results of his research to date. Study of the anuran species was of special interest since I had planned to accompany Johnny Hardaway on the frog route that would be his assignment.

Patrick McMillan talked about man's effect on nature. Some of the highlights include the effect of the US/Mexican border on migratory animals. There are 3 known jaguars in Arizona. They are all the same sex with no way to mate with those in Mexico. Another little known fact is the native American mammals were the camel, horse and dog. Deer, bison and other mammals we associate with America were all immigrants from Asia or the from the south. Patrick threw in another whammy (at least I didn't know it) when he told us that cotton is really a tree that grows up to 15 feet but has been cultivated to allow for harvesting.

We had a brief business meeting. The officer selection outlined in the last newsletter was accepted.

Gordon would like for us to visit LaMica in Panama this year. To aid his planning he needs a good head count so they can figure out a cost and arrange for our accommodations.

There are some of you that I only see at the annual meeting. I encourage you to come and join us. A few years ago Pat and I travelled west. We made a point to stay for at least 3 days and up to a week where we stopped so we could learn about the attractions in the area. We had no single night stays. We met people who could tell us things we would not have known from an overnight stay. We got to know the area and environment. Those of you who have to travel several hours to the site, come on down and get accommodations near the field trip site. Then spend a few days getting to know the area. Meet with your SCAN friends and enjoy the natural world. Then spend an hour or so in conversation with dinner.

By the way, look at our SCAN page on Facebook for some things that our SCAN members are doing. Kim Frampton McManus posted a wonderful video of a mating ritual of cottonmouths taken at Congaree National Park. Many other interesting post and outing photos are also there.

Greg Mancini, our treasurer, reports we have 20 new members. Please welcome them when you see them on our outings.

Marvin Brown  
Jim Brownlee  
William & Kathleen Ehmig  
John Ghent  
Dave & Mary Kastner  
Laura Kirk  
Jeffrey Kline  
Linda Lee  
Brian O'Cain

James & Bobbie Osborne  
Win Ott  
Bert Pittman  
Jerry Shipps  
Tonita Thompson  
Ron Urban  
Jan Steensen Urban  
Keith Ward

Kathy Boyle and Wayne Grooms are leading our next outing to Tillman Sand Ridge Heritage Preserve. I was delighted to find a photo from our last SCAN outing there in September 2004 where the star of the show was a baby hognose snake. Every time it was turned over, it would flip back upside down again and play dead. In the photo below I think this is Claudia Rainey's hand.



Baby Hognose playing dead

## **Tillman Sand Ridge Heritage Preserve – Wayne Grooms and Kathy Boyle**

### **Beaufort County**

#### **Meet at 10:30**

William Bartram passed close to Tillman Sand Ridge HP in his crossings of the Savannah River at Purysburg (Purrysburg) in his travels to and from Georgia in the late 1700's. Apparently it was dangerous to travel overland from Augusta to Charleston directly because of Indian attacks. The eastbound road from Tillman to Jacksonboro and across the Great Pon Pon (Edisto) carried him to Charleston. As the Slash Pine is replaced by Long Needle in the upland Wiregrass areas the landscape should better approximate what Bartram might have seen.

We will walk the xeric Wiregrass and Pine area first noting some patches of *Serenoa repens* (Saw Palmetto) close by to *Sabal minor*, all too often confused one with the other. Populations of Elliotts Blueberry and Sparkleberry are heavy. After a short ways we will enter a bottomland hardwood/cypress forests on an old dirt road that transects the preserve all the way out to B&C Landing if you should wish to go that far. There are extensive patches of *Satureja georgiana* (identified by John Nelson) along this old road. For most of the group we can head back North through the Pine and Scrub Oak observing many Gopher Tortoise dens; many more than I expected to see. Note that there is a portion of this preserve detached to the Northwest that has not been scouted. I'm sure there might be some folks who want to investigate.

As usual bring food for lunch and water. There are no restrooms available.

#### **Directions**

Take a right on SC #27-119 off of US#321/#601 in Tillman, SC. Drive West on #s-27-119 disregarding the B&C Landing Road SC #27 -201 on your left. You will see the DNR signage and kiosk (weigh station) on the left.

#### **Dining**

Later in the day when we leave, note that there is an Exxon station with very clean facilities back in Tillman on #321. Continue straight East on SC #336 toward Ridgeland for about 4 miles then bear right on Smiths Crossing Road (S-27-29) until you come to US#17. Make a left for a half mile and you will see the Dukes BBQ, this being the actual object of the trip.

## 2012 SCAN Fieldtrips

February 25 – Tillman Sand Ridge Heritage Preserve, Jasper County  
Kathy Boyle & Wayne Grooms

March 24 – Stevens Creek Heritage Preserve, McCormick County  
Martha & Bob Hamlin

April 28 – Kalmia Gardens/Segars-McKinnon Heritage Preserve, Darlington County  
Claudia Rainey

May 26 – Francis Beidler Forest Audubon Sanctuary (Mallard Lake), Dorchester County  
Kathy Boyle & Wayne Grooms

June 23 – Ashmore Heritage Preserve/Chandler Heritage Preserve, Greenville County  
Phil Harpootlian

July 28 – Parson's Mountain Lake Recreation Area, Abbeville County  
Marsha & Bob Hamlin

August 25 – Jones Gap State Park, Greenville County  
Phil Harpootlian

September 22 – Congaree Bluffs Heritage Preserve, Calhoun County  
Caroline Eastman

October 27 – Glassy Mountain Heritage Preserve, Pickens County  
Marsha & Bob Hamlin

November 17 – Sesquicentennial State Park, Richland County  
Caroline Eastman

December 8 – Little Pee Dee River Heritage Preserve, Horry County  
Claudia Rainey

January 26, 2013 - Annual Meeting

**Donnelley Wildlife Management Area  
Colleton Co., SC  
December 10, 2011**

This list was produced by SCAN from sightings produced by SCAN members and is subject to revision as needed. An asterisk (\*) indicates a new sighting for SCAN. Send any changes or corrections to Jan Ciegler at [jciegler@sc.rr.com](mailto:jciegler@sc.rr.com). Please indicate exactly to which flora/fauna list you are referring. Thank you.

**FLORA**

**Cinnamon Fern**  
*Osmunda cinnamomea*

**Royal Fern**  
*Osmunda regalis spectabilis*

**Japanese Climbing Fern**  
*Lygodium japonicum*

**Bracken**  
*Pteridium aquilinum*

**Marsh Fern**  
*Thelypteris palustris pubescens*

**Netted Chain Fern**  
*Woodwardia areolata*

**Ebony Spleenwort**  
*Asplenium platyneuron*

**Resurrection Fern**  
*Polypodium polypodioides michauxiana*

**Shortleaf Pine**  
*Pinus echinata*

**Spruce Pine**  
*Pinus glabra*

**Longleaf Pine**  
*Pinus palustris*

**Loblolly Pine**  
*Pinus taeda*

**Southern Red Cedar**  
*Juniperus virginiana silicicola*

**American Frog's-bit**  
*Limnium spongia*

**Cabbage Palmetto**  
*Sabal palmetto*

**Papillose Nutrush**  
*Scleria pauciflora pauciflora*

**Netted Nutrush**  
\* *Scleria reticularis*

**Tall Nutrush**  
*Scleria triglomerata*

**Giant Cane**  
*Arundinaria gigantea*

**Longleaf Spikegrass**  
*Chasmanthium sessiliflorum*

**Beaked Panic Grass**  
*Panicum anceps*

**Maidencane**  
*Panicum hemitomon*

**Giant Plume Grass**  
*Saccharum giganteum*

**Giant Cordgrass**  
*Spartina cynosuroides*

**Common Cattail**  
*Typha latifolia*

**Spanish-moss**  
*Tillandsia usneoides*

**Catbrier**  
*Smilax bona-nox*

**Whiteleaf Greenbrier**  
*Smilax glauca*

**Bamboo-vine**  
*Smilax laurifolia*

**Sarsaparilla-vine**  
*Smilax pumila*

**Jackson-brier**  
*Smilax smallii*

**Southern Magnolia**  
*Magnolia grandiflora*

**Sweetbay**  
*Magnolia virginiana*

**Swamp Bay**  
*Persea palustris*

**White Water-lily**  
*Nymphaea odorata odorata*

**Sweet Gum**  
*Liquidambar styraciflua*

**Southern Hackberry**  
*Celtis laevigata*

**Common Wax-myrtle**  
*Morella cerifera*

**American Beech**  
*Fagus grandifolia*

**White Oak**  
*Quercus alba*

**Blackjack Oak**  
*Quercus marilandica marilandica*

**Swamp Chestnut Oak**  
*Quercus michauxii*

**Water Oak**  
*Quercus nigra*

**Cherrybark Oak**  
*Quercus pagoda*

**Willow Oak**  
*Quercus phellos*

**Post Oak**  
*Quercus stellata*

**Live Oak**  
*Quercus virginiana*

**St. Andrew's Cross**  
*Hypericum hypericoides*

**Hooded Pitcherplant**  
*Sarracenia minor minor*

**Violet**  
*Viola septemloba*

**Black Willow**  
*Salix nigra*

**Coastal Sweet**

**Pepperbush**  
*Clethra alnifolia*

**Dwarf Huckleberry**  
*Gaylussacia dumosa*

**Shining Fetterbush**  
*Lyonia lucida*

**Horsesugar**  
*Symplocos tinctoria*

**Red Chokeberry**  
*Aronia arbutifolia*

**Black Cherry**

*Prunus serotina serotina*

**Showy Rattlebox**  
*Crotalaria spectabilis*

**Water-willow**  
*Decodon verticillatus*

**Flowering Dogwood**  
*Cornus florida*

**American Mistletoe**  
*Phoradendron serotinum serotinum*

**Dahoon**  
*Ilex cassine cassine*

**Little Gallberry**  
*Ilex glabra*

**American Holly**  
*Ilex opaca opaca*

**Yaupon**  
*Ilex vomitoria*

**Muscadine**  
*Vitis rotundifolia rotundifolia*

**Red Maple**  
*Acer rubrum*

**Rattlesnake-master**  
*Eryngium yuccifolium*

**Carolina Jessamine**  
*Gelsemium sempervirens*

**Dotted Horse-mint**  
*Monarda punctata*

**Cross-vine**  
*Bignonia capreolata*

**Trumpet-creeper**  
*Campsis radicans*

**Silverling**  
*Baccharis halimifolia*

**Showy Bur-marigold**  
*Bidens laevis*

**Blackroot**  
*Pterocaulon pycnostachyum*

**Rough-leaved Goldenrod**  
*Solidago rugosa*

**American Aster**  
*Symphotrichum walteri*

**FAUNA**

**Basilica Spider (egg sac)**  
*Mecynogea lemniscata*

**Broadtip Conehead**  
**Katydid**  
*Neoconocephalus triops*

**Glassy-winged Sharpshooter (leafhopper)**  
\* *Homalodisca vitripennis*

**Potter Wasp**  
*Eumenes sp.*

**Pitcherplant Moth (larva)**  
\* *Exyra semicrocea*

**Pied-billed Grebe**  
*Podilymbus podiceps*

**Anhinga; Snakebird**  
*Anhinga anhinga*

**Double-crested Cormorant**  
*Phalacrocorax auritus*

**Black-crowned Night-Heron**  
*Nycticorax nycticorax*

**Little Blue Heron**  
*Egretta caerulea*

**Snowy Egret**  
*Egretta thula*

**Great Egret**  
*Casmerodius albus*

**Great Blue Heron**  
*Ardea herodias*

**Wood Stork**  
*Mycteria americana*

**White Ibis**  
*Eudocimus albus*

**Gadwall**  
*Anas strepera*

**Green-winged Teal**  
*Anas crecca*

**Blue-winged Teal**  
*Anas discors*

**Wood Duck**  
*Aix sponsa*

**Hooded Merganser**  
*Lophodytes cucullatus*

**Virginia Rail**  
*Rallus limicola*

**Common Moorhen**  
*Gallinula chloropus*

**American Coot**  
*Fulica americana*

**Killdeer**  
*Charadrius vociferus*

**Greater Yellowlegs**  
*Tringa melanoleuca*

**Lesser Yellowlegs**  
*Tringa flavipes*

**Dowitcher**  
\* *Limnodromus sp.*

**Laughing Gull**  
*Larus atricilla*

**Bonaparte's Gull**  
*Larus philadelphia*

**Ring-billed Gull**  
*Larus delawarensis*

**Turkey Vulture**  
*Cathartes aura*

**Bald Eagle**  
*Haliaeetus leucocephalus*

**Red-shouldered Hawk**  
*Buteo lineatus*

**American Kestrel**  
*Falco sparverius*

**Barred Owl**  
*Strix varia*

**Belted Kingfisher**  
*Ceryle alcyon*

**Red-bellied Woodpecker**  
*Melanerpes carolinus*  
**Red-headed Woodpecker**  
*Melanerpes*  
*erythrocephalus*  
**Northern Flicker**  
*Colaptes auratus*  
**Downy Woodpecker**  
*Picoides pubescens*  
**Hairy Woodpecker**  
*Picoides villosus*  
**Yellow-bellied Sapsucker**  
*Sphyrapicus varius*  
**Pileated Woodpecker**  
*Dryocopus pileatus*  
**Eastern Phoebe**  
*Sayornis phoebe*  
**American Crow**  
*Corvus brachyrhynchos*  
**Fish Crow**  
*Corvus ossifragus*

**Carolina Chickadee**  
*Parus carolinensis*  
**Tufted Titmouse**  
*Baeolophus bicolor*  
**White-breasted Nuthatch**  
*Sitta carolinensis*  
**Brown-headed Nuthatch**  
*Sitta pusilla*  
**Carolina Wren**  
*Thryothorus ludovicianus*  
**Marsh Wren**  
*Cistothorus palustris*  
**Sedge Wren**  
*Cistothorus platensis*  
**Golden-crowned Kinglet**  
*Regulus satrapa*  
**Ruby-crowned Kinglet**  
*Regulus calendula*  
**Eastern Bluebird**  
*Sialia sialis*  
**Hermit Thrush**

*Catharus guttatus*  
**American Robin**  
*Turdus migratorius*  
**Northern Mockingbird**  
*Mimus polyglottos*  
**White-eyed Vireo**  
*Vireo griseus*  
**Yellow-rumped Warbler**  
*Dendroica coronata*  
**Pine Warbler**  
*Dendroica pinus*  
**Common Yellowthroat**  
*Geothlypis trichas*  
**Northern Cardinal**  
*Cardinalis cardinalis*  
**Eastern Towhee**  
*Pipilo erythrophthalmus*  
**Henslow's Sparrow**  
*Ammodramus henslowii*  
**Savannah Sparrow**

*Passerculus sandwichensis*  
**Song Sparrow**  
*Melospiza melodia*  
**Chipping Sparrow**  
*Spizella passerina*  
**Dark-eyed Junco**  
*Junco hyemalis*  
**White-throated Sparrow**  
*Zonotrichia albicollis*  
**Swamp Sparrow**  
*Melospiza georgiana*  
**Eastern Meadowlark**  
*Sturnella magna*  
**Red-winged Blackbird**  
*Agelaius phoeniceus*  
**Brown-headed Cowbird**  
*Molothrus ater*  
**American Goldfinch**  
*Carduelis tristis*