



January 2015

Happy New Year Everyone!

Our final fieldtrip of 2014 found us in Calhoun County exploring private property on the banks of the Congaree River. The property is owned by the Salley family. The weather was absolutely beautiful and we had 25 folks in attendance. Participants included Shannon Edwards, Jan Ciegler, Greg Mancini, Greg Ross, Caroline Eastman, Wayne Grooms, Kathy Boyle, Sudie Thomas, Garrett Thomas, Jerry and Pat Bright, Rita Zollinger, Mary Douglass, Tom Jones, Fred Martin, Alice and Charlie Brice, Ellen Blundy, Jean Prothro, Kim McManus, Marsha and Bob Hamlin, Bill Hammel, Kitty Beverly, and Gordon Murphy.



Photo by Kim McManus



We started the day by exploring an open pine habitat. There was an abundance of composites with fully developed seed heads. This is an area that would be great to explore in late summer or early fall as is it must surely be pretty much carpeted with beautiful flowers. Before we moved on the property adjacent to the river, we were fortunate to run into Dr. Al Goodyear, archaeologist with the University of South Carolina. Dr. Goodyear took a few minutes to tell us about the work he has been doing at the Salley property. He has been studying a private collection of artifacts

collected on the property. He explained how Native American tribes would travel great distances and meet in South Carolina for social reasons. They would use these occasions to find mates, which expanded their gene pool. By studying the stone materials he is able to determine where the various tribes originated from. Artifacts made from stone originating from the Savannah River area and North Carolina have been documented here. He also said that there is a good source of flint for making stone tools on the Salley property.



Next we moved on to the house on the bluff with a gorgeous view of the Congaree floodplain and Congaree National Park. After a quick lunch we walked on an access road down to the floodplain. The access road is slightly elevated and passes through cypress/tupelo swamp and bottomland hardwood forest.



Eventually the road leads to the Congaree River and an oxbow lake. We observed quite a few birds while walking along the road.

Like several other trips scheduled for 2014, our December trip required a last minute change in venue due to a hunt scheduled at the Webb Center. Thanks to Kathy and Wayne for contacting Sudie Thomas and coming up with a great substitution, and a special thanks to Sudie for making the arrangements and showing us around the property.



Despite the schedule changes we had to make in 2014, we had a very good year for fieldtrips. This would not have been possible without the dedicated Regional Directors. Please join me in thanking them for their hard work!



Photo by Jerry Bright

Last month SCAN officers (past and current) convened for our annual planning meeting. For 2015 we avoided trips to wildlife management areas during hunting season so hopefully we will not have last minute changes and our Regional Directors will not have to scramble to find alternate locations. There are a couple of sites that we are checking into possible access issues before the list is finalized, but a final list will be provided with the February newsletter. The tentative 2015 fieldtrip schedule is provided below.

February 28th – Santee NWR Cuddo Unit (Timmerman Trail, alternate site) – Central Region

March 14th – Regional Director's Special – Devils Fork State Park – Northern Region

March 28th – Ark Lodge/Woodbury Tract (over-nighter) – Eastern Region

April 25th – Poinsett State Park (over-nighter) – Central Region

May 23rd – Francis Marion Forrest/Hellhole (over-nighter) – Southern Region

June 27th – Lewis Ocean Bay Heritage Preserve – Eastern Region

July 25th – Eastatoe Creek Heritage Preserve – Western Region

August 22nd – Brasstown Creek Heritage Preserve – Western Region

September 12th – President's Special - TBD

September 26th – Roxbury Park/Botany Bay (over-nighter) – Southern Region

October 10th – Planning Meeting

October 24th – Blue Wall Passage of the Palmetto Trail – Northern Region

November 14th – Porcher Property – Central Region (Hitchcock Woods, alternate site)

December 15th – Huntington Beach State Park – Eastern Region

SCAN always has fun socializing when we have over-night trips, so this year we planning four over-night trips. If you have never been on one of our over-night trips, just ask around and you will learn that we typically have a great time. We take night walks, enjoy good food, and it provides an opportunity for us to spend quality time together.

Again, I would like to thank the Regional Directors for their hard work this year. If you attended any trips in 2014 and had a good time, please let the Directors know when you see them at the annual meeting. We have a couple of directors that are stepping down after serving two or more years. Phil Harpootlian (Northern Region) and Marsha and Bob Hamlin (Western Region) have done an excellent job of planning and leading trips for us. We really appreciate your service!

This year our annual meeting will again be held at Clemson Sandhills facility, in the Lake House. Coffee will be provided but if you would like to bring donuts, cake, or cookies to share, it would be greatly

appreciated. I strongly urge you to bring a bag lunch so that you will have the opportunity to explore the many trails rather than heading out for lunch. We are going to have our potluck dinner at the Lake House as well. Hopefully this will give the folks that travel from out of town and normally do not the opportunity to participate to do so. A refrigerator is available for food storage and a microwave oven will be provided for those that need to warm food.

There will be tables available if you would like to bring a display or other items that might be of interest to the group. One of our speakers, Ron Lance, will have copies of his new book *HAWS a Guide to Hawthorns of the Southeastern United States*, for sale.

If you have not submitted your membership renewal yet, please do so prior to the annual meeting. I look forward to seeing you all at the meeting!

- Gordon

Annual Meeting Agenda

9:30-10:15: Socializing and refreshments (coffee and donuts).

10:15-10:30: Welcome and Introductions

10:30-11:30: Bob Perry - Bob will talk about S.C. Department of Natural Resource's approach to landscape scale conservation by highlighting their focus area projects where they partner with other agencies, conservation organizations and private landowners. Examples include the ACE Basin, Jocassee Gorges and the COWASEE Basin.

11:30-12:45: Lunch

12:45-1:45: William "Will" Richardson Doar, III – Will Doar will give us an overview of South Carolina's geology and focus on the post-Cretaceous deposits of the South Carolina Coastal Plain. The presentation will include a brief geologic history, a history of geological mapping for the state, and the current geological concepts concerning the coastal plain. Although the focus of Will's presentation concerns the Coastal Plain, questions regarding the piedmont and upstate can also be addressed.

1:45-3:15: Ron Lance* – Ron will give us instruction on regional winter tree and shrub identification. He will show us how leafless twigs can be used to identify deciduous woody plants in winter. Ron will present a detailed introduction to the characters and terminology used to describe twigs and bark, as well as practice using a dichotomous key. Samples of twigs will be provided, and **participants are urged to bring a hand lens to observe minute details**. The indoor portion of this seminar will be followed by outdoor practice in tree and shrub identification.

3:15-4:00: Business Meeting

- Treasurer's Report
- Election of Officers – Nominations for officers can be made from the floor provided the nominee has agreed prior to the nomination. The current nominations are:
 - President – Gordon Murphy
 - Vice President – Greg Ross
 - Secretary – Mary Douglass
 - Treasurer – Greg Mancini
 - Historian – Gordon Murphy
 - Database Manager – Jan Ciegler
 - Northern Regional Director – Rita Zollinger
 - Western Regional Director – Kathy Boyle & Wayne Grooms
 - Central Regional Director – Caroline Eastman
 - Southern Regional Director – Kim McManus & Paul Kalbach
 - Eastern Regional Director – Kathy Boyle (interim)
- Old Business
- New Business

4:00: Adjourn

4:30-??: Potluck supper – Everyone is encouraged to bring a covered dish, or if you prefer, there are grocery stores and restaurants in close proximity to the Lake House where you can grab some food after the business meeting.

*Ron will have copies of his new book *HAWS a Guide to Hawthorns of the Southeastern United States*, for sale as well.

About our speakers:

Mr. Robert Daniel (Bob) Perry is a native of Kershaw, South Carolina. Bob earned a B.S. in Biology from the University of South Carolina and a M.S. in Wildlife Biology from Clemson University. Bob was a member of the USC football team from 1969-72 as a scholarship-athlete and is a life member of the USC Lettermen's Association; he attended graduate school at Clemson on a Duke Power Fellowship. He has been employed by the South Carolina Department of Natural Resources (DNR) for almost 37 years. During much of that time, Bob had responsibility for maintaining and managing coastal wetlands where agency emphasis is directed toward meeting the requirements for wintering and migrating waterfowl and other wetland dependent wildlife. Bob has authored or co-authored a number of peer reviewed publications related to the importance of wetland habitats and science-based strategies for managing and protecting wetlands and related natural resources. While living on the coast, Bob also served as the coordinator for the Winyah Bay Focus Area Project, a partnership landscape conservation initiative identifying and protecting over 150,000 acres of critical habitats ensuring continued biological diversity in the rapidly developing upper coastal region of South Carolina. Presently, Bob is the Director of the Office of Environmental Programs of DNR. In this capacity he provides oversight of the agency environmental review and comment on permit and license applications involving action by the U.S. Army Corps of Engineers, U.S. Nuclear Regulatory Commission, U.S. Federal Energy Regulatory Commission and S.C. Department of Health and Environmental Control. Bob is responsible for coordinating environmental issues with the agency director and DNR Board meshing seamlessly with agency goals and objectives. Recently, Bob represented DNR on the S.C. DHEC-OCRM Blue Ribbon Committee on Shoreline Management. He co-chairs the DNR Climate Change Impacts Technical Working Group and chairs the S.C. Geological Survey State-Map Committee. In addition, Bob represents DNR on the Savannah River Maritime Commission, the S.C. Wind Farms Production Feasibility Committee's Regulatory Task Force and the S.C. Mitigation Interagency Review Council. Bob was honored as the 2013 S.C. Wildlife Federation Conservationist of the Year for his collaborative work on innovative mitigation strategies designed to meet landscape-scale conservation needs and provide public use opportunities.

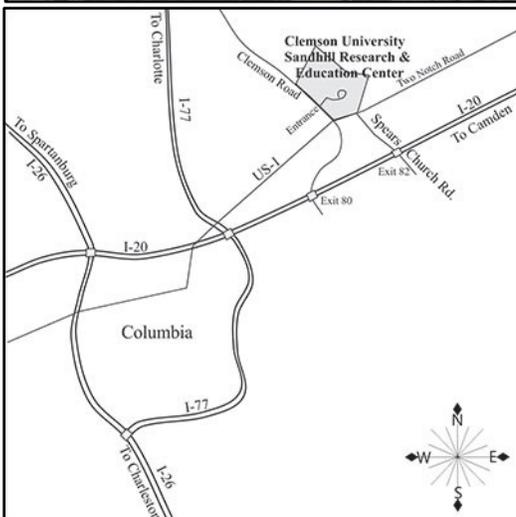
Dr. William (Will) Richardson Doar, III received his BS and MS in Geology from East Carolina University and his PhD in Geology from University of South Carolina. Will has worked for the South Carolina Geological Survey since 1996 and serves as the South Carolina Geological Survey's Regional Geologist for the Coastal Plain. He has mapped 500 million year old rocks in the Piedmont and the less-than 60 million year old marine sediments of the Coastal Plain. Will has mapped more than 5,300 square miles and logged more than 1,500 bore-holes in South Carolina.

Mr. Ronald (Ron) W. Lance is a Biologist and Land Manager with the North American Land Trust, stationed at Big Ridge, near Glenville, NC. He has served previous posts in biology, natural history interpretation, education, forestry and horticulture since 1975. Author and contributing author to 17 publications of native plants of the Southeastern U.S., his most recent book is a self-published guide to the hawthorns of this region, over 20 years in preparation. Ron also served on the Board of the International Oak Society for 12 years, including stints as President, Secretary, Journal Editor and Conference Chair.

Directions to Clemson Lake House

There are many ways to get there. Use the maps below to guide you. However, if you drive on I-20 between I-77 and Spears Creek Church Road the road divides into an express lane and a local lane. Stay in the right lane in order to make your desired exit. SCDOT has a map on their web site See it at: www.scdot.org/inside/images/I-20/AerialLocationMap.jpg

For those of you with a GPS navigation system, the turn into the Clemson Sandhills Experimental Station is at (34° 07' 55", -80° 52' 33"). Follow the dirt road to the Lake House at (34° 08' 07", -80° 52' 15").





SCAN New Membership & Renewal Form

(Members must be age 15 or older)

Today's Date: _____

Dues: \$12.00 per calendar year due by the January annual meeting

\$5.00 per calendar year for each additional member at the same address

Note: Persons joining in July or later pay 1/2 price. Make checks payable to SCAN.

Name(s): 1. _____

2. _____

3. _____

4. _____

Mailing Address: **Please notify SCAN of home and email address changes.**

Street/PO Box _____

City _____ State _____ Zip Code _____

Newsletters will be sent through e-mail. Please **print clearly** the preferred address or addresses.

E-mail: 1. _____

2. _____

3. _____

4. _____

Phone(s): (_____) _____ (Home)

(_____) _____ (Work)

(_____) _____ (Cell)

Mail form and check to:

SCAN

PO Box 5651

Columbia, SC 29250-5651

**Salley Property on Congaree River
Calhoun Co., SC
December 13, 2014**

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. Please indicate exactly to which flora/fauna list you are referring. Thank you.

FLORA

Bracken
Pteridium aquilinum

Christmas Fern
Polystichum acrostichoides

Shortleaf Pine
Pinus echinata

Longleaf Pine
Pinus palustris

Pond Pine
Pinus serotina

Loblolly Pine
Pinus taeda

Bald-cypress
Taxodium distichum

Broomsedge
Andropogon glomeratus

Seabeach Needlegrass
Aristida tuberculosa

Giant Cane
Arundinaria gigantea

Common Little Bluestem
Schizachyrium scoparium scoparium

Spanish-moss
Tillandsia usneoides

Catbrier
Smilax bona-nox

Whiteleaf Greenbrier
Smilax glauca

Common Greenbrier
Smilax rotundifolia

Jackson-brier
Smilax smallii

Common Pawpaw
Asimina triloba

Little Brown Jug
Hexastylis arifolia

Short-spurred Corydalis
Corydalis flavula

Sycamore
Platanus occidentalis occidentalis

Sweet Gum
Liquidambar styraciflua

Winged Elm
Ulmus alata

American Elm
Ulmus americana

Southern Hackberry
Celtis laevigata

False-nettle
Boehmeria cylindrica

Pignut Hickory
Carya glabra

Mockernut Hickory
Carya tomentosa

Common Wax-myrtle
Morella cerifera

American Beech
Fagus grandifolia

White Oak
Quercus alba

Southern Red Oak
Quercus falcata

Turkey Oak
Quercus laevis

Laurel Oak
Quercus laurifolia

Overcup Oak
Quercus lyrata

Sand Post Oak
Quercus margaretta

Blackjack Oak
Quercus marilandica marilandica

Swamp Chestnut Oak
Quercus michauxii

Water Oak
Quercus nigra

Cherrybark Oak
Quercus pagoda

Willow Oak
Quercus phellos

Shumard Oak
Quercus shumardii shumardii

Prickly-pear
Opuntia humifusa

Pineweed
Hypericum gentianoides

Swamp Cottonwood
Populus heterophylla

Sparkleberry
Vaccinium arboreum

Deerberry
Vaccinium stamineum

Buckthorn Bumelia
Sideroxylon lycioides

American Persimmon
Diospyros virginiana

Virginia-willow
Itea virginica

American Alumroot
Heuchera americana

Carolina Laurel Cherry
Prunus caroliniana

Black Cherry
Prunus serotina serotina

Blue Sandhill Lupine
Lupinus diffusus

Water Tupelo
Nyssa aquatica

American Mistletoe
Phoradendron leucarpum leucarpum

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

Possum-haw
Ilex decidua decidua

American Holly
Ilex opaca opaca

Muscadine
Vitis rotundifolia rotundifolia

Red Maple
Acer rubrum

Eastern Poison Ivy
Toxicodendron radicans radicans

Chinaberry
Melia azedarach

Carolina Jessamine
Gelsemium sempervirens

Chinese Privet
Ligustrum sinense

Woolly Mullein
Verbascum thapsus

Cross-vine
Bignonia capreolata

Trumpet-creeper
Campsis radicans

Poorjoe
Diodia teres

Partridge-berry
Mitchella repens

Japanese Honeysuckle
Lonicera japonica

Common Elderberry
Sambucus canadensis

Common Dog-fennel
Eupatorium capillifolium

Facelis
Facelis retusa

Butterweed
Packera glabella

Grass-leaved Golden-aster
Pityopsis aspera adenolepis

FAUNA

Carolina Mantis (egg case)
Stagmomantis carolina

Florida Harvester Ant
Pogonomyrmex badius

Multicolored Asian Lady Beetle
Harmonia axyridis

Hickory Girdler Beetle (sign)
Oncideres cingulata

Green Anole
Anolis carolinensis

Double-crested Cormorant
Phalacrocorax auritus

Turkey Vulture
Cathartes aura

Black Vulture
Coragyps atratus

Red-shouldered Hawk
Buteo lineatus

Red-tailed Hawk
Buteo jamaicensis

Mourning Dove
Zenaida macroura

Belted Kingfisher
Ceryle alcyon

Red-bellied Woodpecker
Melanerpes carolinus

Northern Flicker
Colaptes auratus
Downy Woodpecker
Picoides pubescens
Yellow-bellied Sapsucker
Sphyrapicus varius
Pileated Woodpecker
Dryocopus pileatus
Eastern Phoebe
Sayornis phoebe
Blue Jay
Cyanocitta cristata
American Crow
Corvus brachyrhynchos
Carolina Chickadee
Parus carolinensis
Tufted Titmouse
Baeolophus bicolor
Carolina Wren
Thryothorus ludovicianus
Ruby-crowned Kinglet
Regulus calendula
Hermit Thrush
Catharus guttatus
Brown Thrasher
Toxostoma rufum
Blue-headed Vireo
Vireo solitarius
Northern Cardinal
Cardinalis cardinalis
Song Sparrow
Melospiza melodia
Chipping Sparrow
Spizella passerina
White-throated Sparrow
Zonotrichia albicollis
American Goldfinch
Carduelis tristis
Raccoon (tracks)
Procyon lotor
Wild Pig (rooting)
Sus scrofa
White-tailed Deer (tracks)
Odocoileus virginianus

ADDENDA
Congaree National Park,
Kingsnake Trail
Richland Co., SC
November 15, 2014

FAUNA

Northern Flicker
Colaptes auratus
Hairy Woodpecker
Picoides villosus
Yellow-bellied Sapsucker
Sphyrapicus varius
American Crow
Corvus brachyrhynchos
Carolina Chickadee
Parus carolinensis
Tufted Titmouse
Baeolophus bicolor
White-breasted Nuthatch
Sitta carolinensis
Ruby-crowned Kinglet
Regulus calendula
Hermit Thrush
Catharus guttatus