



January 2018

Happy New Year Everyone.

Our final trip of 2017 was to the Savannah National Wildlife Refuge, in Jasper County, to do a little winter birding. Participants included Dave Schruetrum, Rita Zollinger, Jan Ciegler, Mary Douglass, Tom Jones, Greg Ross, Alison Smith, Ted Pappas, Paul Kalbach, Gordon Murphy, and guests Terry and Hugh Martin.

We met at Kingfisher Pond Recreation Area where we hiked the trail around the pond. One of our first observations of the day



was a couple of bald eagles seen from the parking lot. The trail was a nice loop around the pond and through predominantly hardwood forest, and skirted forested wetlands. There was lots of bird activity in the trees including black and white warblers, winter wrens, ruby-crowned kinglets, and yellow-belly sapsuckers. The pond itself is a borrow pit that has become naturalized with aquatic vegetation and supports fish, waterfowl, and wading birds.

Following a quick lunch, some of the group went straight to the wildlife drive while others did some more hiking on Tupelo Trail. We hiked about ¾-mile along the west side of a canal, then returned along the east side of the canal. This portion of the trail gave us a good view of old rice fields where we saw savannah and swamp sparrows, and other small birds. We also saw an American kestrel and northern harrier. The 4-mile wildlife drive is always a great spot for all types of birds, especially waterfowl, and alligators when the weather is warmer. It was a little too chilly during our visit for the alligators to show themselves. A sampling of birds observed in the old rice fields include black-belly whistling ducks, blue-wing teal, lesser scaup, little blue heron, American bittern, anhinga, kingfisher, tree swallows, white ibis, common yellowthroat, and many others. As the sun was getting low on the horizon, Dave and I had five white-tail deer step out onto the dike



we were walking on. It was a great trip to finish out our 2017 schedule. Thanks to Paul Kalbach for scouting and leading the trip.

Our next gathering will be the Annual Meeting on January 27, 2018. We will again be meeting at the Lake House located at the Clemson facility in northeast Columbia (see the attached map and directions). If you have trouble finding us, feel free to call my cell phone for directions (803-447-0547). This year our three speakers are Dr. David Shelley, Jonathan Manchester, and Bob Perry.

David is the Director at the Old-Growth Bottomland Forest Research and Education Center (OGBFREC) at Congaree National Park and will be speaking to us about the fundamentals of earth system science. Jonathan is an interpretive park ranger at Congaree National Park and will give us a brief history of birding in America. Bob recently retired from SCDNR where he served as the Director of the Office of Environmental Programs. He now works part time as a Senior Mitigation Strategist with a company called the Palustrine Group. Bob will be speaking to us on the management of South Atlantic Coastal Impoundments for waterfowl and other wildlife.

Once again, I would like to ask each of you to consider volunteering for one of the Regional Director positions. We currently have one open position, the Eastern Region, and we would like for someone to step forward and take the Central Region. Caroline Eastman has done a great job in the Central Region for several years, but she would like a break. Also, Greg Mancini has done an excellent job as Treasurer for many years. The Treasurer position requires that you live in Columbia, or close by, so that the post office box can be checked on a weekly basis. If you would like more information about the requirements/duties of these positions, please let me or Kim McManus know.

We hope you all can join us for a potluck supper at the end of the day. You are encouraged to bring donuts or muffins for the morning socializing (coffee will be provided) and a dish to share with the group for supper. There is a refrigerator for food storage and a microwave oven for reheating food. If you would like to bring an adult beverage, please do so. A bag lunch is recommended for lunch so that you have an opportunity to explore some of the trails around the Lake House.

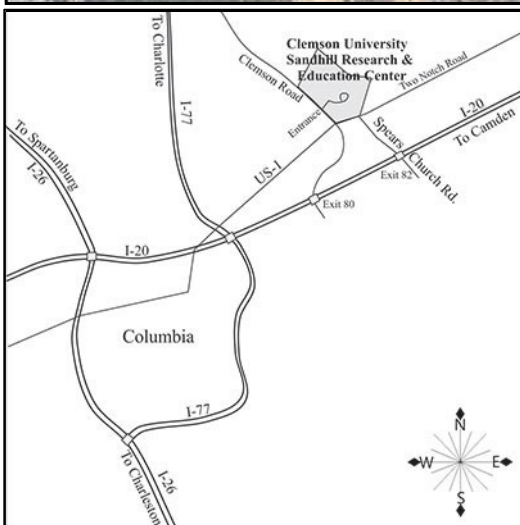
I hope you all at the Annual Meeting next weekend!

A handwritten signature in cursive script that reads "Gordon Murphy". The signature is written in black ink and is positioned at the bottom left of the page.

Directions to Clemson Lake House

There are many ways to get there. Use the maps below to guide you.

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").



2018 Annual Meeting Agenda

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

10:30 - 11:00: Welcome and Introductions

11:00 - 11:50: David Shelley – *Thinking like an earth system scientist*. This presentation will introduce the fundamentals of earth system science, with a focus on geologic mapping--including techniques, mapping units, bounding surfaces, cross sections, applications, and resources--and the regional geology of the South Carolina Midlands.

12:00 - 1:30: Lunch

1:30 - 2:20: Jonathan Manchester – A (Short) history of American Birding. This program will talk about the history of birding in the United States, from Mark Catesby to Roger Tory Peterson, and how all have help to create the field of birding that we know today.

2:30 - 4:20: Bob Perry – Bob's presentation is entitled Management and Sustainment of South Atlantic Coastal Impoundments for Waterfowl and Other Wetland Wildlife. The presentation was authored by Bob, D.E Harrigal, R.M. Kaminski, M.R. Kneece, M.B. Prevost, D.A. Shipes, E.P. Wiggers, and R.K. Williams, and was first presented at the Southeastern Association of Fish and Wildlife Agencies 70th Annual Conference, which was held in Baton Rouge, LA, in October 2016.

4:20 - 5:00: 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 – Kim McManus
 - Secretary – Mary Douglass
 - Treasurer – Greg Mancini
 - Historian – Gordon Murphy
 - Database Manager – Tom Jones
 - Northern Regional Director – Rita Zollinger
 - Western Regional Director – Kathy Boyle
 - Central Regional Director – Caroline Eastman
 - Southern Regional Director – Paul Kalbach
 - Eastern Regional Director – **OPEN**
- Old Business
- New Business
 - 2018 Fieldtrip Schedule

5:00: Adjourn

5:30-??: Potluck supper – Everyone is encouraged to bring a covered dish, or if you prefer, there are grocery stores and restaurants near the Lake House where you can pick up some food after the business meeting. You are also encouraged to bring your favorite adult beverage to go along with supper.

Savannah National Wildlife Refuge
Jasper Co., SC
December 16, 2017

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 Tom Jones at prestoea@gmail.com. Please indicate exactly to which flora/fauna list you are referring. Thank you.

FLORA

Whiskfern

Psilotum nudum

Cinnamon Fern

Osmunda cinnamomea

Japanese Climbing Fern

Lygodium japonicum

Bracken

Pteridium aquilinum

Netted Chain Fern

Woodwardia areolata

Resurrection Fern

Pleopeltis polypodioides
michauxiana

Water Spangles

Salvinia minima

Spruce Pine

Pinus glabra

Loblolly Pine

Pinus taeda

Eastern Red Cedar

Juniperus virginiana virginiana

Dwarf Palmetto

Sabal minor

Cabbage Palmetto

Sabal palmetto

Giant Cane

Arundinaria gigantea

Switch Cane

Arundinaria tecta

Longleaf Spikegrass

Chasmanthium sessiliflorum

Giant Plume Grass

Saccharum giganteum

Common Cattail

Typha latifolia

Spanish-moss

Tillandsia usneoides

Curlyleaf Yucca

Yucca filamentosa

Catbrier

Smilax bona-nox

Bristly Greenbrier

Smilax hispida

Cranefly Orchid

Tipularia discolor

Tulip-tree

Liriodendron tulipifera

Southern Magnolia

Magnolia grandiflora

Lizard's-tail

Saururus cernuus

Little Brown Jug

Hexastylis arifolia

White Water-lily

Nymphaea odorata odorata

Water-shield

Brasenia schreberi

Fumitory

Fumaria officinalis

Witch-hazel

Hamamelis virginiana

Sweet Gum

Liquidambar styraciflua

Winged Elm

Ulmus alata

Southern Hackberry

Celtis laevigata

Pignut Hickory

Carya glabra

Mockernut Hickory

Carya tomentosa

Common Wax-myrtle

Morella cerifera

Common Chinquapin

Castanea pumila

American Beech

Fagus grandifolia

White Oak

Quercus alba

Southern Red Oak

Quercus falcata

Sand Laurel Oak

Quercus hemisphaerica

Laurel Oak

Quercus laurifolia

Swamp Chestnut Oak

Quercus michauxii

Water Oak

Quercus nigra

Cherrybark Oak

Quercus pagoda

Willow Oak

Quercus phellos

Live Oak

Quercus virginiana

American Hornbeam

Carpinus caroliniana

American Hop-hornbeam

Ostrya virginiana

St. Andrew's Cross

Hypericum hypericoides

Chinese Parasol-tree

Firmiana simplex

Black Willow

Salix nigra

Coastal Sweet Pepperbush

Clethra alnifolia

Sparkleberry

Vaccinium arboreum

Elliott's Blueberry

Vaccinium elliotii

Horsesugar

Symplocos tinctoria

Carolina Laurel Cherry

Prunus caroliniana

Showy Rattlebox

Crotalaria spectabilis

Coral Bean

Erythrina herbacea

Sesban

Sesbania herbacea

Bladderpod

Sesbania vesicaria

Water-willow

Decodon verticillatus

Big Gallberry

Ilex coriacea

American Holly

Ilex opaca opaca

Yaupon

Ilex vomitoria

Popcorn Tree

Triadica sebifera

Carolina Leaf-flower

Phyllanthus caroliniensis
caroliniensis

Muscadine

Vitis rotundifolia rotundifolia

Red Maple

Acer rubrum

Eastern Poison Ivy

Toxicodendron radicans radicans

Chinaberry

Melia azedarach

Carolina Jessamine

Gelsemium sempervirens

Carolina Ponyfoot

Dichondra carolinensis

Beautyberry

Callicarpa americana

Henbit

Lamium amplexicaule amplexicaule

Cross-vine

Bignonia capreolata

Partridge-berry

Mitchella repens

Black Haw

Viburnum prunifolium

False-willow
Baccharis angustifolia
Silverling
Baccharis halimifolia
Showy Bur-marigold
Bidens laevis
Licorice Goldenrod
Solidago odora odora

FAUNA

Golden Silk Orbweaver
Nephila clavipes
Red Imported Fire Ant
Solenopsis invicta
Common Green Darner
Anax junius
Promethea Moth (cocoon)
Callosamia promethea
American Alligator
Alligator mississippiensis
Yellow-bellied Slider
Trachemys scripta scripta
Brown Snake; DeKay's Snake
Storeria dekayi
Pied-billed Grebe
Podilymbus podiceps
Anhinga; Snakebird
Anhinga anhinga
Double-crested Cormorant
Phalacrocorax auritus
American Bittern
Botaurus lentiginosus
Tricolored Heron
Egretta tricolor
Little Blue Heron
Egretta caerulea
Great Egret
Casmerodius albus
Great Blue Heron
Ardea herodias
Wood Stork
Mycteria americana
Glossy Ibis
Plegadis falcinellus
White Ibis
Eudocimus albus
Northern Shoveler
Anas clypeata
Blue-winged Teal
Anas discors
Ruddy Duck
Oxyura jamaicensis
Black-bellied Whistling-Duck
Dendrocygna autumnalis
Wood Duck
Aix sponsa
Ring-necked Duck
Aythya collaris
Lesser Scaup
Aythya affinis

Clapper Rail
Rallus longirostris
Sora
Porzana carolina
Common Moorhen
Gallinula chloropus
American Coot
Fulica americana
Killdeer
Charadrius vociferus
Turkey Vulture
Cathartes aura
Black Vulture
Coragyps atratus
Bald Eagle
Haliaeetus leucocephalus
Northern Harrier
Circus cyaneus
Red-shouldered Hawk
Buteo lineatus
Red-tailed Hawk
Buteo jamaicensis
American Kestrel
Falco sparverius
Mourning Dove
Zenaida macroura
Belted Kingfisher
Ceryle alcyon
Red-bellied Woodpecker
Melanerpes carolinus
Northern Flicker
Colaptes auratus
Downy Woodpecker
Picoides pubescens
Yellow-bellied Sapsucker
Sphyrapicus varius
Pileated Woodpecker
Dryocopus pileatus
Eastern Phoebe
Sayornis phoebe
Tree Swallow
Tachycineta bicolor
Blue Jay
Cyanocitta cristata
Carolina Chickadee
Parus carolinensis
Tufted Titmouse
Baeolophus bicolor
Winter Wren
Troglodytes troglodytes
Carolina Wren
Thryothorus ludovicianus
Ruby-crowned Kinglet
Regulus calendula
Blue-gray Gnatcatcher
Poliophtila caerulea
American Robin
Turdus migratorius
Gray Catbird
Dumetella carolinensis
Northern Mockingbird
Mimus polyglottos

Blue-headed Vireo
Vireo solitarius
Orange-crowned Warbler
Vermivora celata
Black-and-white Warbler
Mniotilta varia
Yellow-rumped Warbler
Dendroica coronata
Pine Warbler
Dendroica pinus
Common Yellowthroat
Geothlypis trichas
Northern Cardinal
Cardinalis cardinalis
Eastern Towhee
Pipilo erythrophthalmus
Savannah Sparrow
Passerculus sandwichensis
Song Sparrow
Melospiza melodia
Swamp Sparrow
Melospiza georgiana
Eastern Meadowlark
Sturnella magna
Red-winged Blackbird
Agelaius phoeniceus
Brown-headed Cowbird
Molothrus ater
Boat-tailed Grackle
Quiscalus major
American Goldfinch
Carduelis tristis
White-tailed Deer
Odocoileus virginianus