



June 2018

Hey Everyone.

May was just as busy for SCAN as April was. Two trips were taken last month. The first was a Directors Special to Parks Mill located on Stevens Creek in McCormick County on May 19<sup>th</sup>. The purpose of the trip was to view the Rocky Shoals Spiderlilly that occurs there, in bloom. I was not able to attend the trip, so we will get more detailed information to share in the next newsletter.

On May 26<sup>th</sup>, we met at the primitive camp site on Hell Hole Road in Francis Marion National Forest. This was an overnight trip and some of us arrived earlier in the week and stayed until the 27<sup>th</sup>. Participants included Kathy Boyle, Gene Ott, Win Ott, Kaye Rollin, Greg Ross, Eddie Hade, Patrick Hade, Ty Hade, Jen Fill, Jackie Burns, Nolan Burns, Paul Kalbach, Kim McManus, Marcus Sizemore, Jan Ciegler, Tom Jones, Mary Douglass, Johnny Douglass, Dave Schruetrum, Karl Cole, Marty and Dave Kastner, Mandy Johnson, Stephen Crotts, and Gordon Murphy.



We were fortunate to join the group Under a Low Country Moon in their annual Nature Interpretive Weekend. The weekend was filled with cruising for herptiles, botanizing, birding, good food, music around the campfire, socializing, and some really good food at the potluck dinner Saturday night.

Saturday morning, several participants joined Ben Morrison as he located some eastern diamondback rattlesnakes that have radio-tracking devices attached to their tails. These snakes are part of the studies going on at Francis Marion. One comment that was common among the group dealt with how camouflaged the snakes were as they lay beneath the vegetation.

Over the long weekend, roads were cruised several times during the day as well as at night. Some of the interesting finds include scarlet snake, scarlet kingsnake, and a slender glass lizard. In addition to the spots that we normally botanize (Florida Bay and the pitcher plant bog on Farewell Corners), we visited an interesting area on Conifer Road that was recently burned so the shrub layer was almost non-existent and grasses and forbes dominated. It consisted of an upland area that gradually graded into a shallow, inundated wetland. Interesting observations at this location include Boykin's lobelia and a painted bunting. We also explored another smaller pitcher plant bog on Farewell Corners Road. This bog had fewer carnivorous plants but had quite a few orchids. Some of us stopped by a depression wetland located at the intersection of Conifer Road and Halfway Creek Road where the endangered pondberry occurs. There was no developing fruit on the plants indicating that these are most likely male plants.

Next weekend we will visit Lynchburg Savannah Heritage Preserve. I hope to see you all there!

*Gordon Murphy*





*Group photo courtesy of Kim McManus.*

**Lynchburg Savanna Heritage Preserve**  
**Lee County, SC**  
**June 23, 2018, 10:30 AM**

Our June trip will take us to Lynchburg Savanna Heritage Preserve/Wildlife Management Area in Lee County. After a hot June day of exploration in this longleaf pine savanna, we'll have dinner in the air-conditioned Watford's Bar-B-Que Restaurant in Bishopville.

The area has old logging roads and some trails. Expect wet conditions typical of a pine savanna. It should be possible to stay on dry trails. But, if you want to fully explore the area, be prepared to get your feet wet.

Meet at 10:30 at the gravel parking area at the entrance. It should hold most if not all of our cars. [The rest can park along the road if needed.] Be prepared for lunch on the trail; there are no convenient picnic areas. There are no restrooms.

If you decide to leave early, Bishopville has both the South Carolina Cotton Museum [admission] and Pearl Fryar's Topiary Garden.

**Directions to Lynchburg Savanna Heritage Preserve** [387 C C Rd, Lynchburg, SC 29080]:

From Exit 120 of I-20 near Bishopville, go south on SC 341. In 2.9 miles bear right on SC 527 for 7.7 miles. Here turn left (east) onto Road 327, CC Road, for about 3 miles to the preserve entrance on the left (north). The intersection of SC 527 and Road 327 is 3 miles north of US 76.

From Exit 132 of I-95, go north on SC 527 for 14 miles. Then turn right (east) onto Road 327 and follow the directions above.

**Directions to Watford's Bar-B-Que Restaurant** [341 S Main St, Bishopville, SC 29010]:

Turn right (west) on Road 327 and return to SC 527. Drive 7.5 miles north to Wisacky and continue straight on what is now SC 341 for an additional 6 miles. Turn left on US 15/501 in Bishopville. The restaurant will be on the left in a few blocks. Phone number: (803) 484-6223

**Site Description from the SC DNR Website:**

**Latitude:** 34.0433 **Longitude:** 80.1383  
**Acreage:** 291 **County:** Lee **Game Zone:** 4  
**Property Type:** Heritage Preserve / WMA Specific

Few people get to see such an excellent example of a wet longleaf pine savanna listed by botanists and ecologists as one of the most biologically diverse and imperiled ecosystems in North America. The SC Department of Natural Resources' Lynchburg Savanna Heritage Preserve in Lee County is a haven for unusual and rare plants. In the spring, the mating calls of tiny frogs can be almost deafening.

Along the old logging road that loops across the property, look for insectivorous plants such as the yellow pitcher-plant, hooded pitcher-plant and sundew. A rich array of wildflowers, some common and some quite rare, provides color from spring to fall. Lynchburg Savanna Heritage Preserve has been described as a "hot spot" for a group of sparrow species rarely seen in one place: Bachman's, song, Lincoln's and field sparrows. Cricket frogs are one of the few frog species active during the day. Although you can't help hearing them, you will rarely see them as they move near the water's edge. In drier areas, look for wild turkeys, bobwhite quail and woodcock.

The preserve is open from dawn to dusk, seven days a week. Winter is the best time to observe all four sparrow species, while wildflowers will bloom at various times in all seasons but winter. If you're interested in amphibians, visit during late winter or in the spring.

#### **Site Description from the Carolina Bird Club website by Robin Carter:**

Lynchburg Savanna Heritage Preserve is a medium-sized preserve that protects a remnant of the longleaf pine-toothache grass savanna habitat that was fairly common in the South Carolina Coastal Plain before European settlement. The preserve is most important for its plant life. Longleaf pine savannas are some of the most diverse ecosystems in North America.

The savanna in the preserve is not pristine. Most notably the old-growth longleaf pines that once were the crowning jewels of this area were logged before the property became a Heritage Preserve. For the birder this means that Lynchburg Savanna is no longer a good place to find Red-cockaded Woodpecker. (A few Red-cockaded Woodpeckers persist in the vicinity, notably at Longleaf Pine Heritage Preserve. This species has been observed at Lynchburg Savanna in the past, but finding one today would be very unusual.)

Even without the Red-cockaded Woodpeckers Lynchburg Savanna is a popular destination for birders for one main reason—it has sparrows. There are lots of sparrows present at all seasons. Field Sparrows and Chipping Sparrows are common permanent residents, easily found at all seasons. Bachman's Sparrows are present year-round as well but are usually located only when they are singing (roughly March through August). From April through June the ethereal song of the Bachman's Sparrow is one of the most common natural sounds at Lynchburg Savanna. With a bit of patience, a birder can locate a singing Bachman's Sparrow, usually perched atop a low shrub or perhaps in a pine tree.

Other birds present are typical of the pinewoods and early successional habitats of central South Carolina. Rarities found nearby (although not yet on the heritage preserve property) include Common Ground-Dove, Scissor-tailed Flycatcher, and Western Kingbird. The preserve is open during daylight hours only, but if you are in the neighborhood at night you might well hear a Great Horned Owl. During spring and summer Whip-poor-wills are abundant and Chuck-will's-widows are fairly common.

## 2018 SCAN Field Trips

*Locations subject to change. Check the monthly newsletter, website, or Facebook page for trip details.*

### February 24<sup>th</sup>

Table Rock State Park / Palmetto Trail  
Pickens County  
Rita Zollinger

### March 24<sup>th</sup>

Greystone Preserve  
Aiken County  
Kathy Boyle

### April 14<sup>th</sup> - Director's Special

Pinnacle Falls  
Henderson County, NC  
Rita Zollinger

### April 28<sup>th</sup>

Sandy Island  
Horry County  
Mandy Johnson

### May 19<sup>th</sup> - Director's Special

Parks Mills Shoals  
McCormick County  
Kathy Boyle

### May 26<sup>th</sup>

Francis Marion NF / Hell Hole Swamp  
Berkeley County  
Paul Kalbach

### June 9<sup>th</sup> – President's Special

Whit Gibbons' Property  
Orangeburg County  
Gordon Murphy

### June 23<sup>rd</sup>

Lynchburg Savanna Heritage Preserve  
Lee County  
Caroline Eastman

### July 28<sup>th</sup>

Little White Oak Mountain  
Polk County, NC  
Rita Zollinger

### August 25<sup>th</sup>

Sassafras Mountain  
Pickens County  
Rita Zollinger

### September 22<sup>nd</sup>

Strawberry Chapel Heritage Preserve  
Berkeley County  
Paul Kalbach

### October 13<sup>th</sup>

2019 Planning Meeting  
Officers

### October 27<sup>th</sup>

Ark Lodge / Woodbury Heritage Preserve  
Marion County  
Alison Smith

### November 10<sup>th</sup>

Fork Swamp Trail, Congaree National Park  
Richland County  
Caroline Eastman

### December 15<sup>th</sup>

Bear Branch Heritage Preserve  
Aiken County  
Kathy Boyle

### January 26<sup>th</sup> 2019

Annual Meeting  
Gordon Murphy

**Hell Hole, Francis Marion Nat. Forest**  
**Berkeley Co., SC**  
**May 26, 2018**

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](mailto:prestoea@gmail.com). Please indicate exactly to which flora/fauna list you are referring. Thank you.

**FLORA**

**Foxtail Clubmoss**

*Lycopodiella alopecuroides*

**Royal Fern**

*Osmunda regalis spectabilis*

**Bracken**

*Pteridium aquilinum*

**Virginia Chain Fern**

*Woodwardia virginica*

**Longleaf Pine**

*Pinus palustris*

**Pond Pine**

*Pinus serotina*

**Loblolly Pine**

*Pinus taeda*

**Pond-cypress**

*Taxodium ascendens*

**Bald-cypress**

*Taxodium distichum*

**Pipewort**

*Eriocaulon compressum*

**Walter's Sedge**

*Carex striata*

**Narrowleaf Whitetop Sedge**

*Rhynchospora colorata*

**Broadleaf Whitetop Sedge**

*Rhynchospora latifolia*

**Switch Cane**

*Arundinaria tecta*

**Toothache Grass**

*Ctenium aromaticum*

**Narrowleaf Cattail**

*Typha angustifolia*

**Pickerelweed**

*Pontederia cordata*

**Common Stargrass**

*Hypoxis hirsuta*

**Northern White Colic-root**

*Aletris farinosa*

**Flag**

*Iris tridentata*

**Lawn Blue-eyed-grass**

*Sisyrinchium rosulatum*

**Bamboo-vine**

*Smilax laurifolia*

**Common Greenbrier**

*Smilax rotundifolia*

**Jackson-brier**

*Smilax smallii*

**Pale Grass-pink**

*Calopogon pallidus*

**Common Grass-pink**

*Calopogon tuberosus tuberosus*

**Rose Pogonia**

*Pogonia ophioglossoides*

**Grass-leaved Ladies'-tresses**

*Spiranthes praecox*

**Large Spreading Pogonia**

*Cleistesiospis divaricata*

**Sweetbay**

*Magnolia virginiana*

**Southern Spicebush**

*Lindera melissifolia*

**Lizard's-tail**

*Saururus cernuus*

**White Water-lily**

*Nymphaea odorata odorata*

**Sweet Gum**

*Liquidambar styraciflua*

**Slippery Elm**

*Ulmus rubra*

**Common Wax-myrtle**

*Morella cerifera*

**Running Oak**

*Quercus elliotii*

**Water Oak**

*Quercus nigra*

**Willow Oak**

*Quercus phellos*

**Yellow Pitcherplant**

*Sarracenia flava*

**Hooded Pitcherplant**

*Sarracenia minor minor*

**Pink Sundew**

*Drosera capillaris*

**Ti-ti**

*Cyrilla racemiflora*

**Coastal Sweet Pepperbush**

*Clethra alnifolia*

**Deerberry**

*Vaccinium stamineum*

**Southern Blueberry**

*Vaccinium tenellum*

**American Persimmon**

*Diospyros virginiana*

**Swamp Rose**

*Rosa palustris*

**Mimosa**

*Albizia julibrissin*

**Honesty-weed**

*Baptisia tinctoria*

**Low Rattlebox**

*Crotalaria rotundifolia*

**Eastern Sensitive-briar**

*Mimosa microphylla*

**Pencil-flower**

*Stylosanthes biflora*

**Goat's-rue**

*Tephrosia spicata*

**Virginia Goat's-rue**

*Tephrosia virginiana*

**Sundrops**

*Oenothera fruticosa*

**Smooth Meadow-beauty**

*Rhexia alifanus*

**Little Gallberry**

*Ilex glabra*

**Myrtle Holly**

*Ilex myrtifolia*

**Supplejack**

*Berchemia scandens*

**Peppervine**

*Ampelopsis arborea*

**Virginia-creeper**

*Parthenocissus quinquefolia*

**Muscadine**

*Vitis rotundifolia rotundifolia*

**Orange Milkwort**

*Polygala lutea*

**Nuttall's Milkwort**

\* *Polygala nuttallii*

**Short Pinebarren Milkwort**

*Polygala ramosa*

**Red Maple**

*Acer rubrum*

**Winged Sumac**

*Rhus copallinum*

**Eastern Poison Ivy**

*Toxicodendron radicans radicans*

**Rattlesnake-master**

*Eryngium yuccifolium*

**Carolina Jessamine**

*Gelsemium sempervirens*

**Few-flower Milkweed**

*Asclepias lanceolata*

**Savanna Milkweed**

*Asclepias longifolia*

**Butterfly-weed**

*Asclepias tuberosa*

**Horse-nettle**

*Solanum carolinense carolinense*

**Phlox**

*Phlox carolina*

**Creeping Frogfruit**

*Phyla nodiflora*

**Brazilian Vervain**

*Verbena brasiliensis*



**Lyre-leaf Sage**  
*Salvia lyrata*

**Common Skullcap**  
*Scutellaria integrifolia*

**Southern Beardtongue**  
*Penstemon australis*

**Savanna Bluehearts**  
*Buchnera floridana*

**Carolina Wild-petunia**  
*Ruellia caroliniensis*

**Lobelia**  
*Lobelia boykinii*

**Lobelia**  
*Lobelia nuttallii*

**Common Elderberry**  
*Sambucus canadensis*

**Common Ragweed**  
*Ambrosia artemisiifolia*

**Leopard's-bane**  
*Arnica acaulis*

**Sunbonnets**  
*Chaptalia tomentosa*

**Common Yellow Thistle**  
*Cirsium horridulum horridulum*

**Pool Coreopsis**  
*Coreopsis falcata*

**Whitetop Fleabane**  
*Erigeron vernus*

**Marsh Fleabane**  
*Pluchea baccharis*

**Blackroot**  
*Pterocaulon pycnostachyum*

**Black-eyed Susan**  
*Rudbeckia hirta*

**American Aster**  
*Symphyotrichum walteri*

## FAUNA

**Elongate Cannibal Snail**  
*Euglandia rosea*

**Writing Spider**  
*Argiope aurantia*

**Grass Spider**  
*Agelenopsis* sp.

**Green Lynx Spider**  
*Peucetia viridans*

**Goldenrod Crab Spider**  
*Misumena vatia*

**Round-winged Katydid**  
*Amblycorypha oblongifolia*

**Stink Bug**  
*Mormidea lugens*

**Red Imported Fire Ant**  
*Solenopsis invicta*

**Eastern Pondhawk**  
*Erythemis simplicicollis*

**Slaty Skimmer**  
*Libellula incesta*

**Painted Skimmer**  
*Libellula semifasciata*

**Great Blue Skimmer**  
*Libellula vibrans*

**Blue Dasher**  
*Pachydiplax longipennis*

**Common Whitetail**  
*Platthemis lydia*

**Ebony Jewelwing**  
*Calopteryx maculata*

**Fragile Forktail (damselfly)**  
*Ischnura posita*

**Rambur's Forktail (damselfly)**  
*Ischnura ramburi*

**Six-spotted Tiger Beetle**  
*Cicindela sexguttata*

**Jewel Beetle**  
*Acmaeodera tubulus*

**Large Flat-headed Pine Borer**  
*Chalcophora virginensis*

**Jewel Beetle**  
\* *Dicerca spreta*

**Firefly; Lightning Beetle**  
*Photinus pyralis*

**Bark-gnawing Beetle**  
*Temnoscheila virescens*

**Seven-spotted Lady Beetle**  
*Coccinella septempunctata*

**Tumbling Flower Beetle**  
*Mordella atrata*

**False Blister Beetle**  
\* *Oxycopsis notoxoides*

**Blister Beetle**  
\* *Epicauta strigosa*

**Blister Beetle**  
\* *Nemognatha punctulata*

**Carolina Sawyer Beetle**  
*Monochamus carolinensis*

**Black Swallowtail**  
*Papilio polyxenes*

**Eastern Tiger Swallowtail**  
*Papilio glaucus*

**Palamedes Swallowtail**  
*Papilio palamedes*

**Gray Hairstreak**  
*Strymon melinus*

**Summer Azure**  
*Celastrina neglecta*

**Pearl Crescent (butterfly)**  
*Phyciodes tharos*

**Common Buckeye (butterfly)**  
*Junonia coenia*

**Red-spotted Purple (butterfly)**  
*Limenitis arthemis astyanax*

**Georgia Satyr (butterfly)**  
*Neonympha areolata*

**Monarch (butterfly)**  
*Danaus plexippus*

**Zarucco Duskywing**  
\* *Erynnis zarucco*

**Tawny-edged Skipper**  
\* *Polites themistocles*

**Whirlabout (skipper butterfly)**  
*Polites vibex*

**Southern Broken-Dash**  
*Wallengrenia otho*

**Delaware Skipper**  
*Anatrytone logan*

**Dun Skipper**  
*Euphys vestris*

**Twin-spot Skipper**  
*Oligoria maculata*

**Forest Tent Caterpillar**  
*Malacosoma disstria*

**Luna Moth**  
*Actias luna*

**White-marked Tussock Moth**  
*Orgyia leucostigma*

**Slimy Salamander**  
\* *Plethodon "glutinosus" complex*

**Oak Toad**  
*Anaxyrus quercicus*

**Eastern Narrowmouth Toad**  
*Gastrophryne carolinensis*

**Green Treefrog**  
*Hyla cinerea*

**Pine Woods Treefrog**  
*Hyla femoralis*

**Little Grass Frog**  
*Pseudacris ocularis*

**Carpenter Frog**  
*Lithobates virgatipes*

**Southern Leopard Frog**  
*Lithobates utricularia*

**American Alligator**  
*Alligator mississippiensis*

**Box Turtle**  
*Terrapene carolina*

**Yellow-bellied Slider**  
*Trachemys scripta scripta*

**Eastern Mud Turtle**  
*Kinosternon subrubrum*

**Green Anole**  
*Anolis carolinensis*

**Eastern Fence Lizard**  
*Sceloporus undulatus*

**Six-lined Racerunner**  
*Aspidozelis sexlineata*

**Broadhead Skink**  
*Plestiodon laticeps*

**Five-lined or SE 5-lined Skink**  
*Eumeces* sp.

**Slender Glass Lizard**  
*Ophisaurus attenuatus*

**Eastern Glass Lizard**  
*Ophisaurus ventralis*

**Scarlet Snake**  
*Cemophora coccinea*

**Black Racer**  
*Coluber constrictor*

**Eastern Ratsnake**  
*Pantherophis alleghaniensis*

**Mud Snake**  
*Farancia abacura*

**Eastern Kingsnake**  
*Lampropeltis getula*

**Scarlet Kingsnake**  
*Lampropeltis triangulum elapsoides*

**Red-bellied Water Snake**  
*Nerodia erythrogaster erythrogaster*

**Plainbelly Water Snake**  
*Nerodia erythrogaster alta*

**Banded Water Snake**  
*Nerodia fasciata*

**Copperhead**  
*Agkistrodon contortrix*

**Cottonmouth; Water Moccasin**  
*Agkistrodon piscivorus*

**Canebrake Rattlesnake**  
*Crotalus horridus*

**Anhinga; Snakebird**  
*Anhinga anhinga*

**Great Egret**  
*Casmerodius albus*

**Great Blue Heron**  
*Ardea herodias*

**Wood Stork**  
*Mycteria americana*

**Killdeer**  
*Charadrius vociferus*

**Turkey Vulture**  
*Cathartes aura*

**Black Vulture**  
*Coragyps atratus*

**Mississippi Kite**  
*Ictinia mississippiensis*

**American Swallow-tailed Kite**  
*Elanoides forficatus*

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

**Broad-winged Hawk**  
*Buteo platypterus*

**Red-tailed Hawk**  
*Buteo jamaicensis*

**Northern Bobwhite**  
*Colinus virginianus*

**Wild Turkey (tracks)**  
*Meleagris gallopavo*

**Mourning Dove**  
*Zenaida macroura*

**Yellow-billed Cuckoo**  
*Coccyzus americanus*

**Barred Owl**  
*Strix varia*

**Chuck-will's-widow**  
*Caprimulgus carolinensis*

**Whip-poor-will**  
*Caprimulgus vociferus*

**Chimney Swift**  
*Chaetura pelagica*

**Red-bellied Woodpecker**  
*Melanerpes carolinus*

**Red-headed Woodpecker**  
*Melanerpes erythrocephalus*

**Downy Woodpecker**  
*Picoides pubescens*

**Red-cockaded Woodpecker**  
*Picoides borealis*

**Pileated Woodpecker**  
*Dryocopus pileatus*

**Great Crested Flycatcher**  
*Myiarchus crinitus*

**Eastern Wood-pewee**  
*Contopus virens*

**Acadian Flycatcher**  
*Empidonax virescens*

**Blue Jay**  
*Cyanocitta cristata*

**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*

**Blue-gray Gnatcatcher**  
*Poliophtila caerulea*

**Eastern Bluebird**  
*Sialia sialis*

**Brown Thrasher**  
*Toxostoma rufum*

**White-eyed Vireo**  
*Vireo griseus*

**Blue-headed Vireo**  
*Vireo solitarius*

**Red-Eyed Vireo**  
*Vireo olivaceus*

**Prothonotary Warbler**  
*Protonotaria citrea*

**Northern Parula**  
*Parula americana*

**Black-and-white Warbler**  
*Mniotilta varia*

**Yellow-throated Warbler**  
*Dendroica dominica*

**Prairie Warbler**  
*Dendroica discolor*

**Pine Warbler**  
*Dendroica pinus*

**Palm Warbler**  
*Dendroica palmarum*

**Hooded Warbler**  
*Wilsonia citrina*

**Common Yellowthroat**  
*Geothlypis trichas*

**Northern Cardinal**  
*Cardinalis cardinalis*

**Indigo Bunting**  
*Passerina cyanea*

**Painted Bunting**  
*Passerina ciris*

**Eastern Towhee**  
*Pipilo erythrophthalmus*

**Brown-headed Cowbird**  
*Molothrus ater*

**Common Grackle**  
*Quiscalus quiscula*

**Orchard Oriole**  
*Icterus spurius*

**Summer Tanager**  
*Piranga rubra*

**Gray Squirrel**  
*Sciurus carolinensis*

**Eastern Fox Squirrel**  
*Sciurus niger*

**Red Fox**  
*Vulpes vulpes*

**Raccoon (tracks)**  
*Procyon lotor*

**Crowley the Cat**  
*Felis catus*

**Wild Pig**  
*Sus scrofa*

**White-tailed Deer**  
*Odocoileus virginianus*