

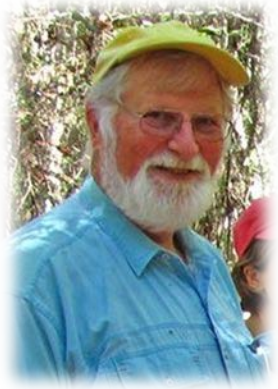


June 2016

Hi Everyone.

Before I get into the details of our May trip, I need to share a bit of sad news. On Sunday, June 12th, Wayne Grooms passed away shortly after being bitten by a rattlesnake. He and Kathy Boyle were exploring a portion of the Cuddo Unit of Santee Wildlife Refuge in Clarendon County when the bite occurred. Wayne was a valued and well loved member of SCAN, serving as co-regional director for the southern region for several years and more recently the western region. He will be missed by all who knew him.

There will be a celebration of Wayne's life this Saturday (June 18th) at Peach Tree Rock Heritage Preserve where he was a volunteer for 25 years. The family recommends casual dress and comfortable shoes be worn.



Our May trip found us back at Hell Hole Swamp in the Francis Marion National Forest where we participated in the Under a Low Country Moon Nature Interpretive Weekend. Members that participated include Gene Ott, Pat and Jerry Bright, Jeff Kline, Jan Ciegler, Kim McManus, Paul Kalbach, Greg Ross, Marsha and Bob Hamlin, Win Ott, Phil Harpootlian, Wayne Grooms, Dave Scheutrum, Kathy Boyle, Marcus Sizemore, Jackie Burns, Mary Douglass, Tom Jones, Gordon Murphy,

and new members Stephen Crotts, Mandy Johnson, and Sharon Yomtob.

Some folks arrived on Thursday, some on Friday, and the rest of us showed up on Saturday. Some camped and some stayed in hotels. Those who arrived early definitely made a wise decision as they were able to enjoy more time cruising for herptiles and exploring before the rain set in on Saturday shortly after noon. Tropical storm Bonnie was bearing down on us, but in typical SCAN fashion, we did not let the threat of bad weather cancel our trip.



Friday night, Jan set up her beetle traps and collected quite a few. Saturday morning we drove down Hell Hole Road and stopped at Hell Hole Bay where we parked and walked along the road birding, botanizing, and herping. We saw a couple of cotton mouths, saw and heard many birds, and the pickerel weed and other blooming plants attracted quite a few butterflies. After a quick lunch back at camp, we caravanned over to Florida Bay, on Half Way Creek Road, to explore this large depression wetland. SCAN visited this site several years ago, however on that trip the wetland was pretty dry. Last year when I visited the wetland, it was





completely inundated. Most of the water was gone this year, but the soil was saturated to the surface and the lower portions were still inundated, therefore we were treated to more normal wetland conditions and a much healthier stand of wetland vegetation.

After a rainy drive back to camp, we rigged up some tarps to allow us to eat in comfort. Paul Kalbach provided some really tasty barbecue (with help from Rachael Kalbach on the homemade barbecue sauce) while other members provided tasty side dishes and delicious deserts. We enjoyed a great meal and quality communing, in the rain.



With Bonnie bearing down on us, five brave souls decided to camp for the night. Weather reports kept changing by the hour and by 8:30, the threat of 40 to 50 mile per hour winds made us decide to break camp and head for safety. Paul and Rachael headed for home and Randy and Kim made room for Greg, Jan and myself at their home in Hanahan. As it turned out, the storm was downgraded and the winds didn't materialize, but rainfall measured greater than four inches, so there was no regret for bailing out on the camping idea.



Another interesting activity was occurring on this trip. A couple of young researchers, Keenan Fietas and Madison Martin, were there collecting swab samples for their study of the fungal disease responsible for snake deaths. We wish them luck on their research and look forward to seeing the results of their labor.



This month we will be headed to Rosebrock Park in Dorchester County. Hope to see you there!

Gordon Murphy

2016 Field Trips

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

February 27th

Cheraw State Park - Chesterfield County
Jeff Kline

March 26th

Gene and Carolyn Ott's Farm - Laurens County
Kathy Boyle and Wayne Grooms

April 23rd

Dolin Hill - Calhoun County
Caroline Eastman

May 28th – overnight / weekend

Francis Marion Forest / Hellhole Bay Wilderness - Berkeley County
Paul Kalbach

June 25th

Rosebrock Park - Dorchester County
Paul Kalbach

July 23rd

Craig's Pond – Barnwell County
(alternate Baker State Park - McCormick County)
Kathy Boyle and Wayne Grooms

August 27th

Bear Wallow Trail - Henderson and Buncombe Counties
Rita Zollinger

September 24th

Goodale State Park and Savage Bay - Kershaw County
Rita Zollinger

October 22nd

Hilton Pond - York County
Rita Zollinger

November 19th

Bates Ferry Tract - Richland County
Caroline Eastman

December 10th

Vereen Memorial Park - Horry County
Jeff Kline

Richard H. Rosebrock Park

Dorchester County, SC

June 25, 2016 10:30am (Day Trip)

Regional Director: Paul Kalbach (864-344-2794, pkalbach@gmail.com)

Secondary Contact: Kim McManus (843-708-9901, kim.f.mcmanus@gmail.com)

Location

On Saturday June 25, SCAN will visit Richard H. Rosebrock Park. We'll gather at the parking lot located at the corner of Bacons Bridge Road / SC Hwy 165 S and SC Hwy 61 at 10:30am. There are picnic shelters and restroom facilities in the form of port-o-lets available. From the parking lot, we'll explore the 70 acres of bottomland forest and wetlands adjacent to the Ashley River. There are approximately 2 miles of well maintained trails and easily accessible woodlands.

South Carolina Wildlife magazine did an excellent write-up on the park in their November-December 2013 issue:

http://www.pressomatic.com/summervillechamber/upload/Media_Room_Rosebrock_Park_Featured_in_SC_Wildlife_Magazine.pdf

A number of improvements and changes have been made recently. Trail maintenance has improved greatly and a series of interpretive signs has been installed, providing details on both natural and human history. Unfortunately, due to the rebuilding of a bridge over the Ashley River that was damaged during the flooding, a footbridge that formerly provided access to the portion of the property adjacent to SC Hwy 165 has been removed and a trail segment subsequently made inaccessible. This is not a large property but provides excellent access to river bottom land with a mix of pine and hardwood. Truly impressive grape vines stretch up into the canopy throughout the park.

Directions

Richard H Rosebrock Park

507 Beech Hill Road, Summerville, SC 29485

(note that a Googlemaps search for Rosebrock Park will give you a different address. This address is for the parking lot where we will meet.)

- From Interstate 26, take exit 199A towards Summerville and follow Hwy 17A S / N Main St. for 0.6 miles.
- At the light, turn left onto Berlin G Myers Parkway.
- In 2.4 miles, turn left at the T junction onto East Carolina Avenue.
- Take a slight right in 0.1 miles onto Bacons Bridge Road / SC Hwy 165 S.
- Continue for 2.9 miles to the Beech Hill Road / SC Hwy 61 junction. (Note that there is lots of road construction on this section of 165 thanks to the heavy rains of 2015) The sign for Richard H. Rosebrock Park will be on your right.
- Turn right onto Beech Hill Road / SC Hwy 61 and the park entrance will be on your right in approximately 500 yards.

Dinner

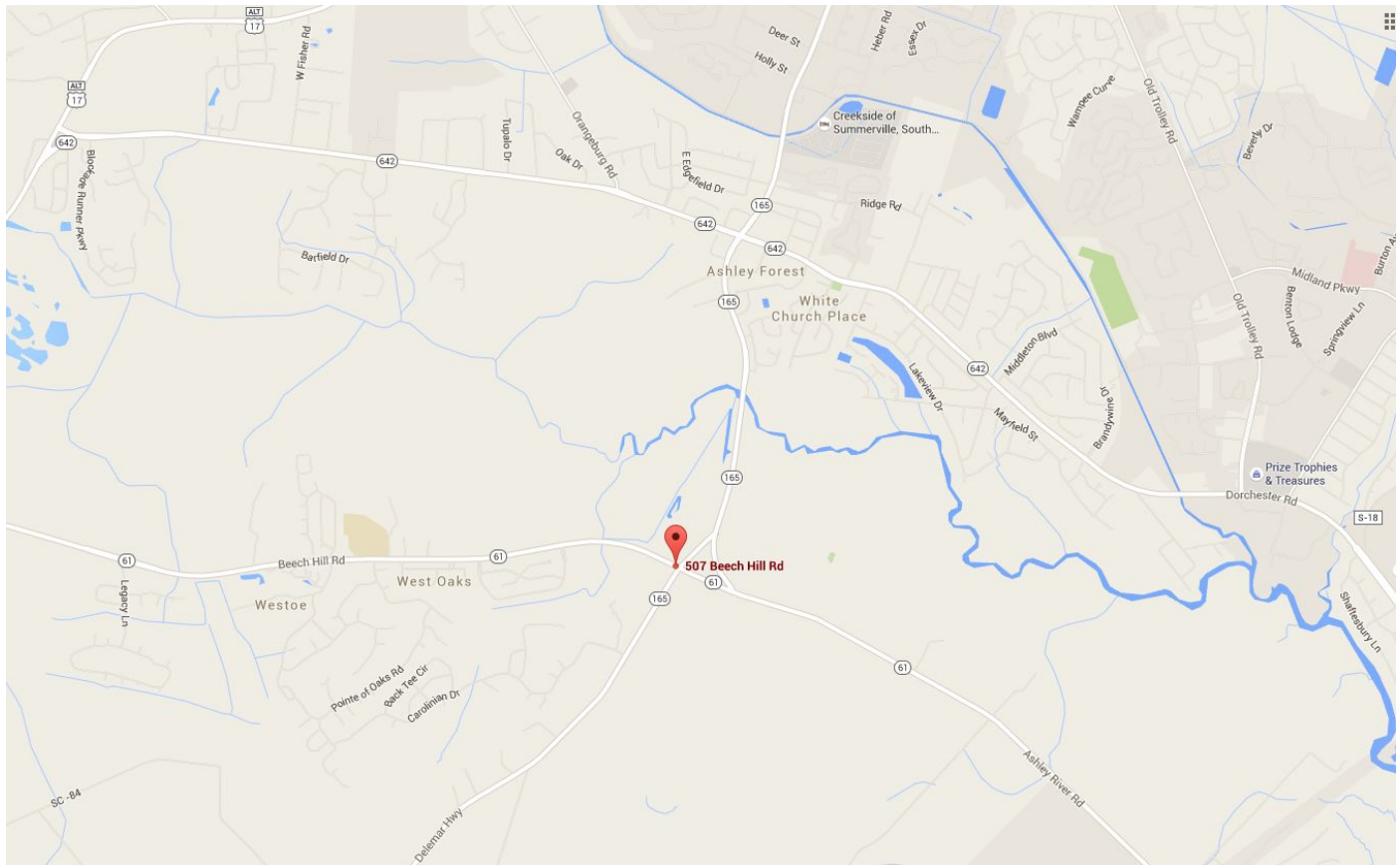
La Carreta Mexican Restaurant
1580 Old Trolley Road, Summerville, SC 29485
843-851-8122

We will meet at the restaurant at 4:30 PM.

Directions to the restaurant from the park:

- Exiting the park, turn left onto Beech Hill Road / SC Hwy 61.
- Immediately turn left onto Bacon's Bridge Road / SC Hwy 165 N and travel 0.4 miles.
- Turn right onto Dorchester Road / SC Hwy 642E and drive 2.4 miles.
- Turn Left onto Old Trolley Road / County Rd S-18-199.
- Travel 1 mile and the restaurant will be on your left. (Landmarks for the turn into the restaurant: there will be an Arby's on the corner to your left and a Burger King to your right. Turn left next to the Arby's and enter the parking lot on the right behind the Arby's)

Map to park:



**Hell Hole, Francis Marion Nat. Forest
Berkeley Co., SC
May 28, 2016**

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

Royal Fern
Osmunda regalis spectabilis

Bracken
Pteridium aquilinum

Kunth's Maiden Fern
Thelypteris kunthii

Netted Chain Fern
Woodwardia areolata

Sensitive Fern
Oncoclea sensibilis sensibilis

Longleaf Pine
Pinus palustris

Pond Pine
Pinus serotina

Loblolly Pine
Pinus taeda

Pond-cypress
Taxodium ascendens

Common Bogbutton
Lachnocaulon anceps

Common Rush
Juncus effusus solutus

Broadleaf Whitetop Sedge
Rhynchospora latifolia

Switch Cane
Arundinaria tecta

Pickerelweed
Pontederia cordata

Redroot
Lachnanthes caroliniana

Northern White Colic-root
Aletris farinosa

Flag
Iris tridentata

Lawn Blue-eyed-grass
Sisyrinchium rosulatum

Curlyleaf Yucca
Yucca filamentosa

Common Grass-pink
Calopogon tuberosus tuberosus

Large Spreading Pogonia
Cleisteslopsis divaricata

Sweetbay
Magnolia virginiana

Lizard's-tail
Saururus cernuus

White Water-lily
Nymphaea odorata odorata

Sweet Gum
Liquidambar styraciflua

False-nettle
Boehmeria cylindrica

Common Wax-myrtle
Morella cerifera

Peelbark St.-John's-wort
Hypericum fasciculatum

Yellow Pitcherplant
Sarracenia flava

Hooded Pitcherplant
Sarracenia minor minor

Pink Sundew
Drosera capillaris

Water Sundew
Drosera intermedia

Swamp Cottonwood
Populus heterophylla

Black Willow
Salix nigra

Ti-ti
Cyrilla racemiflora

Coastal Sweet Pepperbush
Clethra alnifolia

Shining Fetterbush
Lyonia lucida

Creeping Blueberry
Vaccinium crassifolium

American Persimmon
Diospyros virginiana

Virginia-willow
Itea virginica

Goat's-rue
Tephrosia hispida

Virginia Goat's-rue
Tephrosia virginiana

Silky Dogwood
Cornus amomum

Myrtle Holly
Ilex myrtifolia

Eastern Flowering Spurge
Euphorbia corollata

Queen's-delight
Stillingia sylvatica sylvatica

Supplejack
Berchemia scandens

Peppervine
Ampelopsis arborea

Virginia-creeper
Parthenocissus quinquefolia

Summer Grape
Vitis aestivalis aestivalis

Muscadine
Vitis rotundifolia rotundifolia

Tall Pinebarren Milkwort
Polygala cymosa

Orange Milkwort
Polygala lutea

Red Maple
Acer rubrum

Winged Sumac
Rhus copallinum

Eastern Poison Ivy
Toxicodendron radicans radicans

Centella
Centella erecta

Butterfly-weed
Asclepias tuberosa

Horse-nettle
Solanum carolinense carolinense

Virginia Marbleseed
Onosmodium virginianum

Carolina-vervain
Stylodon carneus

Savanna Bluehearts
Buchnera floridana

Purple Bladderwort
Utricularia purpurea

Lobelia
Lobelia nuttallii

Buttonweed
Diodia virginiana

Common Elderberry
Sambucus canadensis

Silverling
Baccharis halimifolia

Pool Coreopsis
Coreopsis falcata

Calliopsis
Coreopsis tinctoria tinctoria

Blackroot
Pterocaulon pycnostachyum

Black-eyed Susan
Rudbeckia hirta

FAUNA

Orchard Spider
Leucauge venusta

Lone Star Tick
Amblyomma americanum

Tick
Amblyomma sp.

Red Imported Fire Ant
Solenopsis invicta

Eastern Pondhawk
Erythemis simplicicollis

Painted Skimmer
Libellula semifasciata

Great Blue Skimmer
Libellula vibrans

Blue Dasher
Pachydiplax longipennis

Punctured Tiger Beetle
Cicindela punctulata

Five-banded Tiger Beetle
Cicindela trifasciata ascendens

Patent-leather Beetle
Odontotaenius disjunctus

Eastern Tiger Swallowtail
Papilio glaucus

Palamedes Swallowtail
Papilio palamedes

Pearl Crescent (butterfly)
Phyciodes tharos

Common Buckeye
Junonia coenia

Viceroy; Mimic
Limenitis archippus

Long-tailed Skipper
Urbanus proteus

Polyphemus Moth (cocoon)
Antheraea polyphemus

Virginian Tiger Moth
Spilosoma virginica

Redfin Pickerel
Esox americanus americanus

Madtom (fish)
* *Noturus sp.*

Green Sunfish
* *Lepomis cyanellus*

Flier (fish)
Centrarchus macropterus

Dwarf Salamander
Eurycea quadridigitata

Southern Toad
Anaxyrus terrestris

Southern Cricket Frog
Acris gryllus

Gray Treefrog
Hyla chrysoscelis/versicolor

Cope's Gray Treefrog
Hyla chrysoscelis

Green Treefrog
Hyla cinerea

Pine Woods Treefrog
Hyla femoralis

Bullfrog
Lithobates catesbiana

Bronze Frog
Lithobates clamitans clamitans

River Frog
Lithobates heckscheri

Southern Leopard Frog
Lithobates utricularia

Box Turtle
Terrapene carolina

Slider Turtle
Trachemys scripta

Yellow-bellied Slider
Trachemys scripta scripta

Eastern Mud Turtle
Kinosternon subrubrum

Common Musk Turtle
Sternotherus odoratus

Green Anole
Anolis carolinensis

Five-lined Skink
Plestiodon fasciatus

Broadhead Skink
Plestiodon laticeps

Slender Glass Lizard
Ophisaurus attenuatus

Black Racer
Coluber constrictor

Eastern Ratsnake
Pantherophis alleghaniensis

Eastern Kingsnake
Lampropeltis getula

Plainbelly Water Snake
* *Nerodia erythrogaster alta*

Banded Water Snake
Nerodia fasciata

Brown Water Snake
Nerodia taxispilota

Rough Green Snake
Ophedrys aestivus

Black Swamp Snake
* *Seminatrix pygaea*

Red-bellied Snake
Storeria occipitomaculata

Eastern Garter Snake
Thamnophis sirtalis

Cottonmouth; Water Moccasin
Agkistrodon piscivorus

Yellow-crowned Night-Heron
Nyctanassa violacea

Snowy Egret
Egretta thula

Great Egret
Casmerodius albus

Great Blue Heron
Ardea herodias

Wood Stork
Mycteria americana

Turkey Vulture
Cathartes aura

Black Vulture
Coragyps atratus

Bald Eagle
Haliaeetus leucocephalus

Mississippi Kite
Ictinia mississippiensis

Cooper's Hawk
Accipiter cooperii

Red-shouldered Hawk
Buteo lineatus

Broad-winged Hawk
Buteo platypterus

Wild Turkey
Meleagris gallopavo

Yellow-billed Cuckoo
Coccyzus americanus

Barred Owl
Strix varia

Chuck-will's-widow
Caprimulgus carolinensis

Red-bellied Woodpecker
Melanerpes carolinus

Red-headed Woodpecker
Melanerpes erythrocephalus

Northern Flicker
Colaptes auratus

Red-cockaded Woodpecker
Picoides borealis

Pileated Woodpecker
Dryocopus pileatus

Eastern Kingbird
Tyrannus tyrannus

Great Crested Flycatcher
Myiarchus crinitus

Blue Jay
Cyanocitta cristata

American Crow
Corvus brachyrhynchos

Carolina Chickadee
Parus carolinensis

Carolina Wren
Thryothorus ludovicianus

Blue-gray Gnatcatcher
Poliophtila caerulea

Northern Mockingbird
Mimus polyglottos

Brown Thrasher
Toxostoma rufum

White-eyed Vireo
Vireo griseus

Red-Eyed Vireo
Vireo olivaceus

Prothonotary Warbler
Protonotaria citrea

Northern Parula
Parula americana

Louisiana Waterthrush
Seiurus motacilla

Northern Cardinal
Cardinalis cardinalis

Eastern Towhee
Pipilo erythrophthalmus

Summer Tanager
Piranga rubra

Nine-banded Armadillo
Dasypus novemcinctus

Marsh Rabbit
Sylvilagus palustris

Raccoon
Procyon lotor

Wild Pig
Sus scrofa

White-tailed Deer
Odocoileus virginianus

**Roxbury Park
Charleston Co., SC
April 02, 2016**

BEETLES

Pedunculate Ground Beetle

Clivina americana

Minute Ground Beetle

Paratachys albipes

Whirligig Beetle

* *Dineutus americanus*

Crawling Water Beetles

Haliplus triopsis

Peltodytes dietrichi

Peltodytes shermani

Predacious Diving Beetles

Neoporus lobatus

Copelatus chevrolati chevrolati

Copelatus glyphicus

Rhantus calidus

Water Scavenger Beetles

Enochrus consortus

Enochrus interruptus

Enochrus ochraceus

* *Cercyon variegatus*

Clown Beetle

* *Onthophilus nodatus*

Small Carrion Beetle

* *Catops gratiosus*

Carrion Beetle

Necrophila americana

Large Rove Beetle

* *Platydracus maculosus*

Rove Beetles

* *Platydracus spp.*

* *Staphylinidae, unidentified*

Paederine Rove Beetles

Rugilus sp.

* *Anotylus spp.*

Crab-like Rove Beetle

Tachinus axillaris

Hide Beetle

Trox variolatus

Earth-boring Dung Beetle

Geotrupes blackburnii blackburnii

Dung Beetles

* *Pseudocanthon perplexus*

Canthon chalcites

Canthon vigilans

* *Deltotilum gibbosum gibbosum*

Ateuchus lecontei

Dichotomius carolinus

Copris minutus

Onthophagus hecate hecate

Onthophagus pennsylvanicus

Onthophagus tuberculifrons

Aphodiine Dung Beetles

Aphodius campestris

* *Aphodius nigrata*

Aphodius rusicola

Ataenius cylindrus

Ataenius platensis

June Beetles

* *Phyllophaga cupuliformis*

Phyllophaga foxii

Garden Scarab Beetles

* *Serica alabama*

* *Serica georgiana georgiana*

Shining Leaf Chafer

Anomala undulata

Rhinoceros Beetle

Dyscinetus morator

Marsh Beetles

* *Sacodes pulchella*

Cyphon variabilis

Cyphon perplexus

Click Beetle

Melanotus sp.

Soldier Beetles

Rhagonycha lineola

Rhagonycha nigrohumeralis

* *Malthinus difficilis*

Shining Mold Beetle

Stilbus apicalis

Silken Fungus Beetle

* *Cryptophagus histricus*

False Skin Beetle

Diplocoelus rudis

Darkling Beetle

Uloma mentalis

Alleculine Darkling Beetles

Lobopoda erythrocnemis

Lobopoda punctulata

Comb-clawed Beetle

Isomira iowensis

Lagriine Darkling Beetle

* *Statira gagatina*

Longhorn Beetles

* *Anelaphus parallelus*

Molorchus bimaculatus

* *Ataxia crypta*

Oval Leaf Beetle

Paria quadrinotata

Bark Beetle

* *Scolytinae, unidentified*