



SCAN *South Carolina Association of Naturalists*

Post Office Box 5651, Columbia, South Carolina 29250-5651

October 2016

Hello SCAN.

Last month we enjoyed two trips. The first was on the evening of the 16th when we congregated on Dick Watkins' property in Calhoun County, overlooking Congaree National Park. Participants included Claire and Dave Schreutrum, Dick Watkins, John Cely, Cathy Chandler, Jan Ciegler, Kim McManus, Mark Kinzer, and Gordon Murphy. We set up our comfortable chairs in the field before sunset and enjoyed some good conversation, and swatted a lot of mosquitoes.



The purpose of the outing was to look and listen for migrating birds. When the big Harvest Moon made its way up above the horizon, it was a beautiful site. A few of us left before midnight while everyone else stayed overnight. I left early, but understand that migrating birds were neither seen nor heard during the night. Coyotes were howling and yowling, and barred and screech owls were heard, as well as a couple of passing trains. There were also a few humorous comments made about a group of adults sitting out in a field at night, but it was fun! Thanks to Dave Scheutrum for taking the initiative to set up the trip and thanks to Dick Watkins for allowing us to use his property.



Our main trip for the month was to Goodale State park and Savage Bay Heritage Preserve in Kershaw County. We enjoyed comfortable weather and had a good turnout for the trip. Participants included Rita Zollinger, Claudia Rainey, Paul Kalbach, Kim McManus, Jan Ciegler, Caroline Eastman, Kathy Boyle, Jeff Kline, Mary Douglass, Tom Jones, Pat and Jerry Bright, Marty and Dave Kastner, Jimmy Boyleston, Kate Hartley, Marsha Hamlin, Ben Gregory, Red Smith, and Gordon Murphy.

We started at the parking lot with a short introduction by the Park Ranger. While he was talking, we were fortunate to see an immature bald eagle that made a fly over. We had the option of two hiking trails and a canoe trip on a marked trail through the forested headwaters of Adams Mill Pond, and in typical SCAN fashion, folks went off in all directions.



The lake shore near the canoe launch is a very interesting area. Saturated soil along the edge supports a variety of interesting plants including pitcher plants, sundews, and water-spider bog orchid. The nature trail that follows along the northwestern side of the lake was also an interesting hike. Much of the trail follows right along the border of two distinct habitat types. As you walk away from the parking lot, the left side of the trail is noticeably xeric with



longleaf and shortleaf pines, blackjack oak, bracken fern, and turkey oak, while the right side of the trail is dominated by wetland species such as pond pine, red bay, titi, inkberry, pepperbush, and a few Atlantic white cedars. The trail crosses a perennial stream with beds of sphagnum moss. The trail loops back away from the wet areas and circles around and above the stream which originates from a seep on the hillside. This trail offers a very interesting, contrasting view of wet and dry habitats.

From the State Park we traveled to Savage Bay Heritage Preserve for a short visit. Due to the recent drought conditions, the bay has been dry for an extended time. This has changed the density of the vegetation drastically. The extended dry period has allowed pond cypress to germinate and the relatively open views that were common are no longer. Just as we saw at Craig's Pond, drought conditions have a big affect on the vegetative communities in wetlands. Fortunately pines, red maple and sweetgum haven't colonized Savage Bay, and now that it is once again inundated, they will not have the opportunity to invade the wetland. Judging from the new growth on the cypress knees and the number of young cypress trees, it looks as though the heavy rains from last October was good for the bay. The bay is also home to pondspice, a species of concern, which I was happy to see is still doing well there.



Thank you Rita for hosting this great trip!

Please note that there has been a change in the schedule for this months trip. We will be returning to Chau Ram Park in Oconee County.

I look forward to seeing you all next week!

Gordon Murphy

Chau Ram County Park

October 22, 2016 Saturday 10:30 AM



Chau Ram County Park is located northwest of Westminster, SC in Oconee County. Chau Ram offers 200 acres with two rivers; the Chauga and Ramsey Creek, the longest SC suspension bridge, six waterfalls, four trails all nestled in a hardwood forest. The third week in October is usually leaf peak time so we hope to have a colorful hike.

There are approximately 4.0 miles of trails. The blue trail, about 1.5 miles long, runs along the river where you can explore the sandy beaches, rocks, waterfalls and catch pools. The orange, red and cabin trails, approximately 0.25 miles each lead you up on a ridge. There is a nice diversity of flora from the river's edge and deeper into the woodlands.

If you wish to travel up Friday, camping is available. **Camping fees are \$25.** The campground has 27 sites with water and power on each site and a shower house. 6 people and 2 tents are allowed on each spot. The park gate is locked nightly. Entrance gate opens at 7 am and closes at dusk. For late arrival, after 6:45 PM there is no entry into the park. For reservations [Click Here](#) or call **1-855-622-6727**.

Location: 1220 Chau Ram Park Rd. Westminster, SC 29693 **Phone:** (864) 647-9286 GPS Waypoints for the parking area: Lat: 34.6817 Lon: -83.1454

Directions: From Westminster, drive west on US 76. Keep right at the fork with US 123 and drive another 2.5 miles. Turn left onto Chau Ram Park Road and continue to the park entrance at the end of the road. You can park on the right, or follow the park road loop to the lower-level parking area.

For directions from I-85 south, take exit 11, Hwy 24/243 through Townsville for 18 miles to Westminster. Turn left onto E Main Street/US123/US76. There will be an Ingles in front of you at this intersection. Go 0.8 miles. Turn right onto US 76/West North Ave. Go 2.4 miles, go down steep hill, there is a sign for Chau Ram County Park. Turn left onto Chau Ram Road

Restrooms are available. Park entrance **fees are \$2** per car.

Dinner will be in Seneca. There is a fun vibrant street named Ram Cat Alley. Vangeli's Bistro is located 119 Ram Cat Alley, Seneca, SC 29678 Phone: (864)973-8887. Vangeli will open for us at 4:30. Their menu changes daily. You can view the past menu items on their Facebook page.

From Chau Ram Park, turn right onto US 76 for 2.4 miles. Turn left on US123/US76 and travel 8.2 miles. You will pass a Lowes Home Improvement on right. Turn right on West North 1st St. for 1.6 miles. Turn right on North Fairplay St., go 1 block. Turn left on Ram Cat Ally.

Have any questions, give me a call. Rita: 864 706 6548 See you soon!

Chau Ram County Park



1220 Chau Ram Park Rd
Westminster, SC 29693

(864) 647-9286

- 1) Jump Off Rock
- 2) Lost Paddle Rapid
- 3) Pump House Rapids
- 4) Ramsey Creek Falls
- 5) Surfing Rapid
- 6) Canopener Rapid
- 7) V Rapids



**Goodale State Park
Kershaw Co., SC
September 24, 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

Southern Grapefern

Sceptridium bitermum

Cinnamon Fern

Osmunda cinnamomea

Royal Fern

Osmunda regalis spectabilis

Bracken

Pteridium aquilinum

Netted Chain Fern

Woodwardia areolata

Longleaf Pine

Pinus palustris

Loblolly Pine

Pinus taeda

Atlantic White-cedar

Chamaecyparis thyoides

Eastern Red Cedar

Juniperus virginiana virginiana

Pond-cypress

Taxodium ascendens

Bald-cypress

Taxodium distichum

Arrowhead

Sagittaria sp.

Golden Club

Orontium aquaticum

Yellow-eyed Grass

Xyris sp.

Bogmoss

Mayaca fluviatilis

Marsh Dewflower

Murdannia keiskei

Threeway Sedge

Dulichium arundinaceum arundinaceum

Horsetail Spikerush

Eleocharis equisetoides

Spikerush

Eleocharis tuberculosa

Hairy Umbrella-sedge

Fuirena squarrosa

Tall Horned Beaksedge

Rhynchospora macrostachya macrostachya

Woolgrass Bulrush

Scirpus cyperinus

Seabeach Needlegrass

Aristida tuberculosa

Giant Cane

Arundinaria gigantea

Slender Spikegrass

Chasmanthium laxum

Warty Panic Grass

Panicum verrucosum

American Cupscale

Sacciolepis striata

Common Cattail

Typha latifolia

Cathrier

Smilax bona-nox

Bamboo-vine

Smilax laurifolia

Common Greenbrier

Smilax rotundifolia

Red-berried Greenbrier

Smilax walteri

Tulip-tree

Liriodendron tulipifera

Southern Magnolia

Magnolia grandiflora

Sweetbay

Magnolia virginiana

Swamp Bay

Persea palustris

Sassafras

Sassafras albidum

Broadleaf Pondlily

Nuphar advena

White Water-lily

Nymphaea odorata odorata

Water-shield

Brasenia schreberi

Sweet Gum

Liquidambar styraciflua

Common Wax-myrtle

Morella cerifera

Southern Red Oak

Quercus falcata

Laurel Oak

Quercus laurifolia

Blackjack Oak

Quercus marilandica marilandica

Water Oak

Quercus nigra

Post Oak

Quercus stellata

Tag Alder

Alnus serrulata

River Birch

Betula nigra

Wire-plant

Stipulicida setacea setacea

Common October-flower

Polygonella polygama polygama

Pineweed

Hypericum gentianoides

St. Andrew's Cross

Hypericum hypericoides

Dwarf St.-John's-wort

Hypericum mutilum

Sweet Pitcherplant

Sarracenia rubra rubra

Water Sundew

Drosera intermedia

Black Willow

Salix nigra

Ti-ti

Cyrilla racemiflora

Coastal Sweet Pepperbush

Clethra alnifolia

Shining Fetterbush

Lyonia lucida

Sparkleberry

Vaccinium arboreum

Elliott's Blueberry

Vaccinium elliotii

Southern Highbush

Blueberry

Vaccinium formosum

Southern Blueberry

Vaccinium tenellum

American Persimmon

Diospyros virginiana

Virginia-willow

Itea virginica

Black Cherry

Prunus serotina serotina

Smooth Rattlebox

Crotalaria pallida obovata

Tick-trefoil

Desmodium paniculatum paniculatum

Water-willow

Decodon verticillatus

Water-willow

Ludwigia leptocarpa

Flowering Dogwood

Cornus florida

Swamp Tupelo

Nyssa biflora

Big Gallberry

Ilex coriacea

Little Gallberry

Ilex glabra

American Holly

Ilex opaca opaca

Virginia-creeper

Parthenocissus quinquefolia

Muscadine

Vitis rotundifolia rotundifolia

Red Maple

Acer rubrum

Winged Sumac

Rhus copallinum

Poison Oak

Toxicodendron pubescens

Eastern Poison Ivy

Toxicodendron radicans radicans

Carolina Jessamine

Gelsemium sempervirens

Big Floating Heart

Nymphoides aquatica

Common Skullcap

Scutellaria integrifolia

Blue Water-hyssop

Bacopa caroliniana

Chinese Privet

Ligustrum sinense

Slender Bladderwort

Utricularia subulata

Bladderwort

Utricularia sp.

Buttonbush

Cephalanthus occidentalis

Poorjoe

Diodia teres

Japanese Honeysuckle

Lonicera japonica

Sandhill Thistle
Cirsium repandum
Horseweed
Conyza canadensis
Leafy Elephant's-foot
Elephantopus carolinianus
Beaked Hawkweed
Hieracium gronovii
Grass-leaved Golden Aster
Pityopsis adenolepis

FAUNA

Jumping Spider
Phidippus otiosus
Thread-legged Bug
Emesaya brevipennis
Cypress Flower Gall Midge
Taxodiomyia cupressi
Eastern Pondhawk
Erythemis simplicicollis
Little Blue Dragonlet
Erythrodiplex minuscula
Autumn Meadowhawk
Sympetrum vicinum
Swamp Spreadwing
(damselfly)
Lestes vigilax
Variable Dancer (damselfly)
Argia fumipennis
Pedunculate Ground Beetle
Semiardistomis viridis
Short-winged Mold Beetles
Batrisodes sp.
Tmesiphorus costalis
Darkling Beetle
Uloma imberbis
Eastern Tiger Swallowtail
Papilio glaucus
Cloudless Sulphur
Phoebis sennae eubule
Sleepy Orange
Abaeis nicippe
Gulf Fritillary
Agraulis vanillae
Pearl Crescent (butterfly)
Phyciodes tharos
Common Buckeye (butterfly)
Junonia coenia
Red-spotted Purple
(butterfly)
Limenitis arthemis astyanax
Banded Sphinx Moth
* *Eumorpha fasciata*
Southern Toad
Anaxyrus terrestris

Green Anole
Anolis carolinensis
Six-lined Racerunner
Aspidozelis sexlineata
Anhinga; Snakebird
Anhinga anhinga
Little Blue Heron
Egretta caerulea
Great Egret
Casmerodius albus
Great Blue Heron
Ardea herodias
Wood Stork
Mycteria americana
Wood Duck
Aix sponsa
Turkey Vulture
Cathartes aura
Black Vulture
Coragyps atratus
Bald Eagle
Haliaeetus leucocephalus
Red-shouldered Hawk
Buteo lineatus
Red-tailed Hawk
Buteo jamaicensis
Osprey
Pandion haliaetus
Mourning Dove
Zenaida macroura
Yellow-billed Cuckoo
Coccyzus americanus
Barred Owl
Strix varia
Ruby-throated Hummingbird
Archilochus colubris
Red-bellied Woodpecker
Melanerpes carolinus
Downy Woodpecker
Picoides pubescens
Pileated Woodpecker
Dryocopus pileatus
Eastern Phoebe
Sayornis phoebe
Least Flycatcher
Empidonax minimus
Flycatcher
Empidonax sp.
Blue Jay
Cyanocitta cristata
American Crow
Corvus brachyrhynchos
Carolina Chickadee
Parus carolinensis

Tufted Titmouse
Baeolophus bicolor
White-breasted Nuthatch
Sitta carolinensis
Brown-headed Nuthatch
Sitta pusilla
Carolina Wren
Thryothorus ludovicianus
Gray Catbird
Dumetella carolinensis
Northern Mockingbird
Mimus polyglottos
White-eyed Vireo
Vireo griseus
Red-Eyed Vireo
Vireo olivaceus
Northern Parula
Parula americana
Warbler
Parulidae sp.
Pine Warbler
Dendroica pinus
Northern Cardinal
Cardinalis cardinalis
Eastern Towhee
Pipilo erythrophthalmus
Eastern Mole (sign)
Scalopus aquaticus
Gray Squirrel
Sciurus carolinensis
Eastern Fox Squirrel
Sciurus niger

**Hell Hole, Francis Marion National Forest
Berkeley County, SC
May 28, 2016
Addendum from Ultraviolet Light Traps, etc.**

BEETLES

Reticulated Beetle

* *Tenomerga cinereus*

Punctured Tiger Beetle

Cicindela punctulata

Five-banded Tiger Beetle

*Cicindela trifasciata
ascendens*

Pedunculate Ground Beetles

*Dyschiriodes
haemorrhoidalis*

Clivina americana

Clivina bipustulata

Clivina dentipes

* *Clivina rubicunda*

Semiardistomis viridis

Bombardier Beetle

* *Brachinus fumans*

Minute Ground Beetles

Elaphropus xanthopus

Paratachys columbiensis

Paratachys oblitus

Bembidion affine

* *Bembidion patrule*

Oval Ground Beetles

Oodes amaroides

Anatrichis minuta

Dingy Ground Beetles

* *Bradycellus nigriceps*

Stenolophus ochropeus

Acupalpus testaceus

Acupalpus partiaris

Acupalpus pauperculus

Acupalpus rectangulus

Notiobia terminata

* *Selenophorus fatuus*

Selenophorus palliatus

Woodland Ground Beetles

Olisthopus micans

Agonum punctiforme

Green Foliage Ground Beetle

Lebia viridis

Whirligig Beetle

Gyrinus pachysomus

Crawling Water Beetles

Peltodytes dunavani

Peltodytes sexmaculatus

Peltodytes shermani

Predacious Diving Beetles

Bidessonotus longovalis

Neoporus cemicoides

Neoporus clypealis

Neoporus lobatus

* *Stictotarsus griseostriatus*

*Copelatus caelatiennis
princeps*

* *Copelatus punctulatus*

Coptotomus lenticus

Agabetes acuductus

Hydaticus bimarginatus

* *Hydaticus cinctipennis*

Water Scavenger Beetles

Hydrochus rufipes

Hydrochus sp.

Hydrochara soror

Berosus exiguus

Berosus infuscatus

Hydrobius melaenus

Enochrus ochraceus

Enochrus perplexus

Enochrus sublongus

Helochares maculicollis

Helocombus bifidus

* *Cymbiodyta blanchardi*

* *Cymbiodyta vindicata*

Cercyon mendax

Cercyon praetextatus

Paederine Rove Beetle

Lathrobium angulare

Shining Fungus Beetle

Scaphidiinae, unidentified

Short-winged Mold Beetle

Pselaphinae, unidentified

Rove Beetle

Staphylinidae, unidentified

Patent-leather Beetle

Odontotaenius disjunctus

Earth-boring Dung Beetle

* *Eucanthus lazarus*

Aphodiine Dung Beetles

Aphodius rusicola

Ataenius cylindrus

Ataenius gracilis

June Beetles

Phyllophaga anxia

* *Phyllophaga
pseudofloridana*

Shining Leaf Chafer

Anomala marginata

Rhinoceros Beetle

Dyscinetus morator

Flower Scarab Beetle

Euphoria sepulchralis

Marsh Beetles

Cyphon americanus

Cyphon variabilis

Cyphon sp.

Minute Marsh-loving Beetle

Eulimnichus ater

Variegated Mud-loving Beetles

Tropicus pusillus

Heterocerus mollinus

Toed-winged Beetles

Ptilodactyla angustata

* *Ptilodactyla carinata*

Ptilodactyla serricollis

False Click Beetle

* *Isorhipis nubilis*

Throscid Beetle

* *Aulonthroscus punctatus*

Click Beetles

* *Lacon impressicollis*

* *Heteroderes falli*

Conoderus sp.

* *Pityobius anguinus*

* *Megapenthes insignis*

Ctenicera pyrrhos

Glyphonyx sp.

Melanotus spp.

Net-winged Beetle

* *Eropterus trilineatus*

Firefly; Lightning Beetles

* *Photinus consanguineus*

* *Photuris tremulans*

* *Photuris versicolor*

Soldier Beetles

Rhagonycha spp.

Bostrichid Beetle

* *Lichenophanes bicornis*

Death-watch Beetles

Petalium sp.

* *Calymmaderus nitidus*

Checkered Beetle

* *Cymatodera inornata*

Shining Flower Beetles

* *Ochrolitus rubens*

Phalacridae, unidentified

Pleasing Fungus Beetle

Ischyrys quadripunctatus

Minute Brown Scavenger Beetle

Latridiidae, unidentified

Melandryid Beetle

Dircaea liturata

Tumbling Flower Beetles

* *Conalia helva*

Mordella atrata

* *Mordellistena morula*

Alleculine Darkling Beetle

Lobopoda erythrocnemis

False Blister Beetle

Oxycopsis thoracica

Narrow-waisted Bark Beetle

* *Inopeplus reclusa*

Ant-like Flower Beetle

Tomoderus sp.

Ant-like Leaf Beetle

Ganascus ventricosus

Tile-horned Longhorn Beetle

* *Prionus imbricornis*

Longhorn Beetle

* *Acanthocinus obsoletus*

Oval Leaf Beetle

* *Colaspis carolinensis*

Fungus Weevil

Euparius marmoreus

Marsh Weevil

* *Lissorhoptrus chapini*

insularis

Hidden Snout Weevil

Tylosderma capitale

Grain Weevil

Dryophthorus americanus

Bark Beetle

Scolytinae, unidentified

Observations flagged with “*” are new to SCAN.