



**SCAN** *South Carolina Association of Naturalists*  
Post Office Box 5651, Columbia, South Carolina 29250-5651

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July 2016

Hello Everyone.

Our June trip was to Rosebrock Park in Dorchester County. Twelve SCAN members braved heat indices over 105 to explore the 70 acres of bottomland forest along the Ashley River. Participants included Jeff Kline, Bert Pittman, Kathy Boyle, Dave Schuetrum, Carl Cole, Jan Ciegler, Kim McManus, LaBruce Alexander, Pat and Jerry Bright, Ellen Blundy, and Carol Jaworski.



The botanists found several plants that required a bit of study to determine the species. One interesting discovery was the presence of lots of spruce pine on the property. There were many different spider species, including the very impressive Giant Orbweaver. The fiddler crabs were some of the largest ones any of us had ever seen. We ended the day a little early with cold beverages and dinner at La Carreta.

Thanks to Kim for stepping in to lead the trip in Paul's absence, and for the report and the group photograph.

For those who would like to contribute to a fund for the memorial kiosk for Wayne Grooms that The Nature Conservancy is working on putting together, all donations collected will be used directly for the kiosk. If there are any overflow monies, these will stay in a fund to be used directly toward projects at Peach Tree Rock.

You can send a check made out to "TNC-South Carolina" for any amount. In the memo line please put "in memory of Wayne Grooms". Mail the check to:

Attn: Emily Kaufman  
The Nature Conservancy  
1417 Stuart Engals Ste 100  
Mt. Pleasant, SC 29464

This month we will be headed to Craigs Pond in Aiken County. Harry Shealy will be our escort. **Please try to meet at the Energy Solutions parking lot as close to 10:00AM as you can.** We all must sign in at the security office then caravan to Craigs Pond. Linda Lee checked out the site last week and says that the water is about hip deep, so if you're planning to wade, be ready to get wet!

I'll see you all in Aiken County!

*Gordon Murphy*

## **SCAN trip to Craigs Pond, Barnwell County, on July 23, 2016**

**Trip leader: Kathy Boyle (cell phone: 803-603-6466)**

On Saturday July 23 we will meet at 10:00 AM (note that this is half an hour earlier than usual) in the parking lot of Energy Solutions, and from there we'll proceed to Craigs Pond. Craigs Pond is a large clay-based Carolina bay, in fact it is thought to be the largest intact prairie-type bay in South Carolina. Protected in part by the Savannah River Site and in part by a registration agreement with SC Heritage Trust, Craigs Pond contains excellent examples of mesic to hydric community types. The bay is being maintained by controlled fire and selective cutting, keeping the interior open and allowing herbaceous plants to thrive.

Although from a distance the bay appears to be fairly homogeneous, it actually is a complex mosaic of different zones of vegetation. Small differences in elevation, and thus hydrology, are the primary determinants of zonal composition but cycles of wet and dry years can result in short-term compositional shifts.

The narrow outer margins are dominated by a thick stand of pond pine (*Pinus serotina*), lowland hardwoods, and bay shrubs. The wooded bay margin grades into a wide grass/sedge/herb zone, which in turn merges into a central aquatic zone. The grass/sedge/herb zone closely resembles, in both aspect and composition, the savannas of the middle and outer coastal plain. Hooded pitcher plant (*Sarracenia minor*), sundew (*Drosera* sp.), milkworts (*Polygala ramosa* and *P. cymosa*), clubmoss (*Lycopodium* sp.), red root (*Lachnanthes caroliniana*), beak rush (*Rhynchospora* spp.), maidencane (*Panicum hemitomon*), lobelia (*Lobelia nutalii* and *L. boykinii*), meadow beauty (*Rhexia mariana* var. *exalbida*, *R. virginica*, and *R. aristosa*), spikerush (several species, including *Eleocharis robbinsii*) and nutrush (*Scleria georgiana*) are some of the more common or more noteworthy species in this zone.

The large central aquatic or subaquatic zone has a few areas of open water, but it is not densely vegetated. Much of this zone is

dominated by water lily (*Nymphaea odorata*) and beak rush. A wide variety of aquatic and subaquatic plants are present, including water sheild (*Brasenia schreberi*), spike rush (*Eleocharis equisetoides* and *E. robbinsii*), bladderwort (*Utricularia biflora*), and arrowhead (*Sagittaria isoetiformis*). From the perspective of SC Heritage Trust, *Rhexia aristosa* is probably the most important plant species at Craigs Pond, so I hope everyone will help me spot as many of these as we can! This PDF from the Georgia DNR has good photos and line drawings of *R. aristosa* –

[http://georgiawildlife.com/sites/default/files/uploads/wildlife/nogame/pdf/accounts/plants/rhexia\\_aristosa.pdf](http://georgiawildlife.com/sites/default/files/uploads/wildlife/nogame/pdf/accounts/plants/rhexia_aristosa.pdf)

Also, if you have a copy of Porcher and Rayner's "Guide to South Carolina Wildflowers," you may want to look at the section describing depression meadows in general (page 101) and Craig Pond in particular (page 442).

Because of the difficulty of access I did not scout Craigs Pond, so I don't know how much if any water it is holding this summer. I've heard that in some years the water can be knee-deep, so be prepared! We can also expect bugs, sun, and heat. We will have to comply with certain security measures as well --

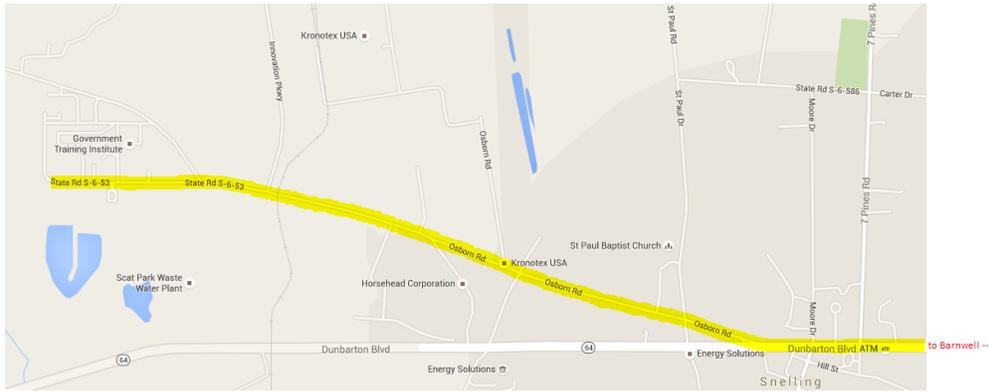
1. Upon arrival the group will need to stop in at EnergySolutions Security to sign in (each visitor) and obtain key for access to Craig Pond.
2. Obtain a communications radio from Security for contact in case of emergency and take along personal cell phones.
3. At conclusion of visit (no later than 4PM), lock access gate to Craig Pond, then return key and radio to Security office.
4. Sign out (each visitor) at Security

Emergency security phone numbers for use during the visit:  
803-541-5004 (Security office) or 803-259-6069 (Security mobile)

Harry Shealy will be our guide.

### **Directions from the town of Barnwell:**

From the junction of US-378 (Ellenton Street) and SC-64 (Dunbarton Blvd), just west of Turkey Creek, take SC-64 and go 5.1 miles west. Bear right onto Osborn Road and follow it to its end. On your right is Energy Solutions and a large parking lot at the end of which is a large office building. Enter the parking lot and park near the front of the building.



### Where to eat:

Lakeside Grill, 188 Gilmore Street, Barnwell, SC 29812

Phone number: (803) 541-0700



A sample of what's on the menu:

FROM THE GRILL --

Grilled Chicken

Smoky Mountain Chicken, topped with honey mustard, ham, Swiss cheese, & mushrooms

Center Cut Pork Chops

Hamburger Steak, with grilled onions

Ribeyes

Grilled Chicken Delight, topped with Swiss cheese, green onions, bacon, & bell peppers

Twisted Texas Chicken, topped with BBQ sauce, onions, peppers, mushrooms, & Jack cheese

SANDWICHES --

Cheese Steak Sandwich, with grilled onions, peppers, mushrooms, & mayo

Grilled or Fried Chicken Sandwich, with mayo, lettuce, & tomato

Cornmeal Dusted Shrimp or Oyster Po Boy, on a hoagie bun with tartar sauce, lettuce, & tomatoes

Charleston BBQ Shrimp Po Boy, with hickory smoked bacon, coleslaw, & lettuce on a hoagie roll

Grilled or Fried Chicken Club, on Texas Toast, with Swiss cheese, bacon, mayo, lettuce, & tomatoes

Flounder, Whiting or Catfish Po Boy, fried, grilled, or blackened

Grilled Cheese

BLT, with mayo, lettuce, & tomatoes on Texas toast

**Rosebrock Park**  
**Dorchester Co., SC**  
**June 25, 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](mailto:jciegler@sc.rr.com). Please indicate exactly to which flora/fauna list you are referring. Thank you.

**FLORA**

**Liverwort**

\* *Porella* sp.

**Japanese Climbing Fern**

*Lygodium japonicum*

**Netted Chain Fern**

*Woodwardia areolata*

**Ebony Spleenwort**

*Asplenium platyneuron*

**Southern Lady Fern**

*Athyrium asplenoides*

**Resurrection Fern**

*Pleopeltis polypodioides michauxiana*

**Spruce Pine**

*Pinus glabra*

**Loblolly Pine**

*Pinus taeda*

**Bald-cypress**

*Taxodium distichum*

**Dwarf Palmetto**

*Sabal minor*

**Leathery Rush**

*Juncus coriaceus*

**Switch Cane**

*Arundinaria tecta*

**River Oats**

*Chasmanthium latifolium*

**Slender Spikegrass**

*Chasmanthium laxum*

**Woods-grass**

*Oplismenus hirtellus setarius*

**Pickernelweed**

*Pontederia cordata*

**Coastal Carolina Spiderlily**

*Hymenocallis crassifolia*

**Catbrier**

*Smilax bona-nox*

**Sarsaparilla-vine**

*Smilax pumila*

**Common Greenbrier**

*Smilax rotundifolia*

**Jackson-brier**

*Smilax smallii*

**Nandina**

*Nandina domestica*

**Sweet Gum**

*Liquidambar styraciflua*

**American Elm**

*Ulmus americana*

**Slippery Elm**

*Ulmus rubra*

**Southern Hackberry**

*Celtis laevigata*

**Red Mulberry**

*Morus rubra*

**Smallspike False-nettle**

*Boehmeria cylindrica*

**Hickory**

*Carya* sp.

**Common Wax-myrtle**

*Morella cerifera*

**American Beech**

*Fagus grandifolia*

**Southern Red Oak**

*Quercus falcata*

**Laurel Oak**

*Quercus laurifolia*

**Swamp Chestnut Oak**

*Quercus michauxii*

**Water Oak**

*Quercus nigra*

**Cherrybark Oak**

*Quercus pagoda*

**Willow Oak**

*Quercus phellos*

**Black Oak**

*Quercus velutina*

**Live Oak**

*Quercus virginiana*

**Common Pokeweed**

*Phytolacca americana*

**Goosefoot**

\* *Chenopodium* sp.

**Jumpseed**

*Persicaria virginiana*

**St.-John's-wort**

*Hypericum* sp.

**American Basswood**

*Tilia americana*

**Eastern Cottonwood**

*Populus deltoides deltoides*

**Elliott's Blueberry**

*Vaccinium elliotii*

**Horsesugar**

*Symplocos tinctoria*

**Hawthorn**

*Crataegus* sp.

**Black Cherry**

*Prunus serotina serotina*

**Blackberry**

*Rubus* sp.

**Locust**

*Robinia* sp.

**Autumn Silverberry**

*Elaeagnus pungens*

**Blackgum**

*Nyssa sylvatica*

**American Holly**

*Ilex opaca opaca*

**Yaupon**

*Ilex vomitoria*

**Copperleaf**

*Acalypha* sp.

**Spurge**

*Euphorbia* sp.

**Supplejack**

*Berchemia scandens*

**Peppervine**

*Ampelopsis arborea*

**Virginia-creeper**

*Parthenocissus quinquefolia*

**Fox Grape**

*Vitis labrusca*

**Muscadine**

*Vitis rotundifolia rotundifolia*

**Red Maple**

*Acer rubrum*

**Eastern Poison Ivy**

*Toxicodendron radicans radicans*

**Wood-sorrel**

*Oxalis* sp.

**Water-pennywort**

*Hydrocotyle* sp.

**Sanicle**

*Sanicula canadensis*

**Hemlock Water-parsnip**

*Sium suave*

**Coastal Rose-pink**

*Sabatia calycina*

**Eastern Angledod**

*Gonolobus suberosus*

**Nightshade**

*Solanum* sp.

**Carolina Ponyfoot***Dichondra carolinensis***Southern Obedient-plant***Physostegia virginiana praemorsa***Skullcap***Scutellaria elliptica***Ash***Fraxinus* sp.**Japanese Privet***Ligustrum japonicum***Chinese Privet***Ligustrum sinense***Cross-vine***Bignonia capreolata***Trumpet-creeper***Campsis radicans***Hairy Bedstraw***Galium pilosum punctulosum***Partridge-berry***Mitchella repens***Japanese Honeysuckle***Lonicera japonica***Black Elderberry**\* *Sambucus nigra***Coastal Tall Thistle***Cirsium nuttallii***Fireweed***Erechtites hieraciifolius***Long-stalked Aster***Symphotrichum dumosum***FAUNA****Fiddler Crab***Uca* sp.**Crab-shaped Spiny-back***Gasteracantha cancriformis***Giant Lichen Orbweaver***Araneus bicentenarius***Orchard Orbweaver***Leucauge venusta***Golden Silk Orbweaver***Nephila clavipes***White-banded Fishing Spider**\* *Dolomedes albineus***Water-scorpion***Ranatra* sp.**Great Blue Skimmer***Libellula vibrans***Ebony Jewelwing***Calopteryx maculata***Six-spotted Tiger Beetle***Cicindela sexguttata***Patent-leather Beetle***Odontotaenius disjunctus***Eyed Click Beetle***Alaus oculatus***Hackberry Emperor (butterfly larva)***Asterocampa celtis***Pink-striped Oakworm (moth)***Anisota virginiensis***Southern Toad***Anaxyrus terrestris***Southern Chorus Frog***Pseudacris nigrita***Green Anole***Anolis carolinensis***Plainbelly Water Snake***Nerodia erythrogaster alta***Laughing Gull***Larus atricilla***Turkey Vulture***Cathartes aura***Black Vulture***Coragyps atratus***Mourning Dove***Zenaida macroura***Yellow-billed Cuckoo***Coccyzus americanus***Red-bellied Woodpecker***Melanerpes carolinus***Downy Woodpecker***Picoides pubescens***Pileated Woodpecker***Dryocopus pileatus***Great Crested Flycatcher***Myiarchus crinitus***Acadian Flycatcher***Empidonax vireescens***American Crow***Corvus brachyrhynchos***Fish Crow***Corvus ossifragus***Carolina Chickadee***Parus carolinensis***Tufted Titmouse***Baeolophus bicolor***Carolina Wren***Thryothorus ludovicianus***Blue-gray Gnatcatcher***Polioptila caerulea***American Robin***Turdus migratorius***Northern Mockingbird***Mimus polyglottos***White-eyed Vireo***Vireo griseus***Northern Parula***Parula americana***Pine Warbler***Dendroica pinus***Northern Cardinal***Cardinalis cardinalis***Scarlet Tanager***Piranga olivacea***Summer Tanager***Piranga rubra***House Sparrow***Passer domesticus*