



November 2008

Greetings Friends,

We had a wonderful trip to the Bishop Gravatt Center in Aiken County on October 11th. The clouds threatened to rain on us, and we did have about a five-minute period of heavy mist, but this all made for cool comfortable hiking weather. We began our walk across an open field and when we stepped out of the field into the edge of a beautiful Atlantic white cedar swamp, I immediately had an overwhelming feeling of sensory overload. The sight of the lush vegetation and smell of the mucky organic soil were wonderful sensations. But then wetlands are one of my favorite habitats to explore, especially white cedar swamps. One plant that seemed out of place in this dense canopied forest was *Sarracenia rubra*. One healthy clump was observed adjacent to the trail on the north side of the swamp. Other highlights of the cedar swamp consisted of remnants of a beaver pond with several herbaceous plants and a *Viburnum nudum* festooned with colorful berries. We were accompanied on our walk by Thomas Coleman, Program Director for the Center, who led us to an enormous Atlantic white cedar that was recently nominated as a state champion tree for its species.

The Center is scheduled to have a controlled burn in early 2009, and a follow-up trip after the burn is being discussed. Our areas of focus on this trip were the cedar swamp, pine-dominated uplands, and the shore of the main pond. Areas of hardwood forest located at the Center still remain to be explored by SCAN. For those of you who were not able to attend the trip, the Sparkleberry Trail at the Center is open to the public. A trail map and contact information can be found on the South Carolina State Trails Program website (<http://www.sctrails.net/trails/TRLGD.html>).

I trust that the change in the October schedule from Ditch Pond to Botany Bay did not cause too much confusion for anyone. After seeing the poor condition of Ditch Pond a couple of months ago and having a wonderful experience at Botany Bay, I am confident that we made the right decision. We spent most of our time on Botany Bay Island and the causeway that provides access to the island. The causeway provides a good cross-sectional view of the vegetative community of the salt marsh and creek that flows through it. The causeway also provides a good birding vantage point where we saw a northern harrier, an immature little blue heron, great egret, and wood storks, among others. Due to heavy rains that occurred the day before our trip, the island was flooded and we didn't venture far off the trail to explore. The beach was practically covered with shells and some nice fossils were also seen including a whale vertebra and fossilized bone fragments and turtle shell. Most of the shells consisted of oyster shell but if you looked closely, other shell types could be found. It was interesting to see the erosion that is occurring at the north end of the island, as evidenced by tree roots being undercut by the tides and the "skeleton" trees on the beach, and the deposition of the sand along the marsh at the southern end of the island.

After a short lunch we took the driving tour around the rest of the Botany Bay stopping at Jason's Lake, Picnic Pond, and the ruins of an old plantation home to have a look around. We had a good day at Botany Bay and saw a lot, but there are still large areas of forest habitat on the property crisscrossed by old logging roads that we didn't explore. Perhaps another visit is warranted to see what we missed on this trip. Thanks to John Cely for suggesting Botany Bay as an alternative to Ditch Pond, and Johnny Hardaway for providing us with the trip write-up.

On November 1st, we were all saddened to learn that Robin Carter lost his battle with cancer. He was an avid birder and an active member of the Columbia Audubon Society, Friends of Congaree Swamp, Carolina Bird Club, and SCAN. Robin will truly be missed. Please keep Caroline and the rest of Robin's surviving family members in your thoughts and prayers.

I hope to see you all at Kings Mountain State Park on the 15th.
Gordon / SCAN President

KINGS MOUNTAIN STATE PARK
YORK COUNTY (MOSTLY), SC
!!! NOVEMBER 15, 2008 – 10:30 AM !!!
(Jan Ciegler)

Please note the early date for this fieldtrip!

This month we're heading upstate. This will be a chance to try out your twig keys, as most deciduous plants will be bare. Also bring your mushroom books and a paper bag or basket (not plastic) for specimens, as the park was full of large, showy mushrooms when I visited it. There will be your choice(s) of several short walks (indicated by dashes on the map) through moderately level terrain, and access to the lake and surrounding wetlands.

Bring the usual lunch, water, and insect repellent. For dinner, the closest restaurant is a barbecue place just east of Clover (see map). There is a campground in the park for anyone wanting to spend the night.

Directions:

Directions to Kings Mountain State Park **from the south**: From I-77 south of Rock Hill, take Exit 73 northwest on SC-901. Follow carefully, as 901 makes several turns. Watch for SC-5, then take that west toward York. Continue around York on SC-5, the bypass. Turn right onto US-321 toward Clover. In 3 miles, angle left onto SC-161. Go 4 miles, then turn left at the park sign onto SC-216, which passes through the park.

On SC-216, go 3 miles, then turn right at the sign that points to Campground/Day Use. There is a self-pay kiosk: \$2.00, 1.25 for seniors (please have exact change!). Drive 0.6 miles, then turn right. At the large parking lot, go to the far left corner, through the next parking lot with the log cabin at the end, and follow the gravel road to the third lot. We will meet there; restroom available.

From Spartanburg & Clemson: Take I-85 east to Exit 2 in North Carolina, then go east on SC-216 through Kings Mountain National Park to the State Park. After passing the Living History and the Park HQ, turn left at the sign for Campground/Day use. Then follow the directions above.

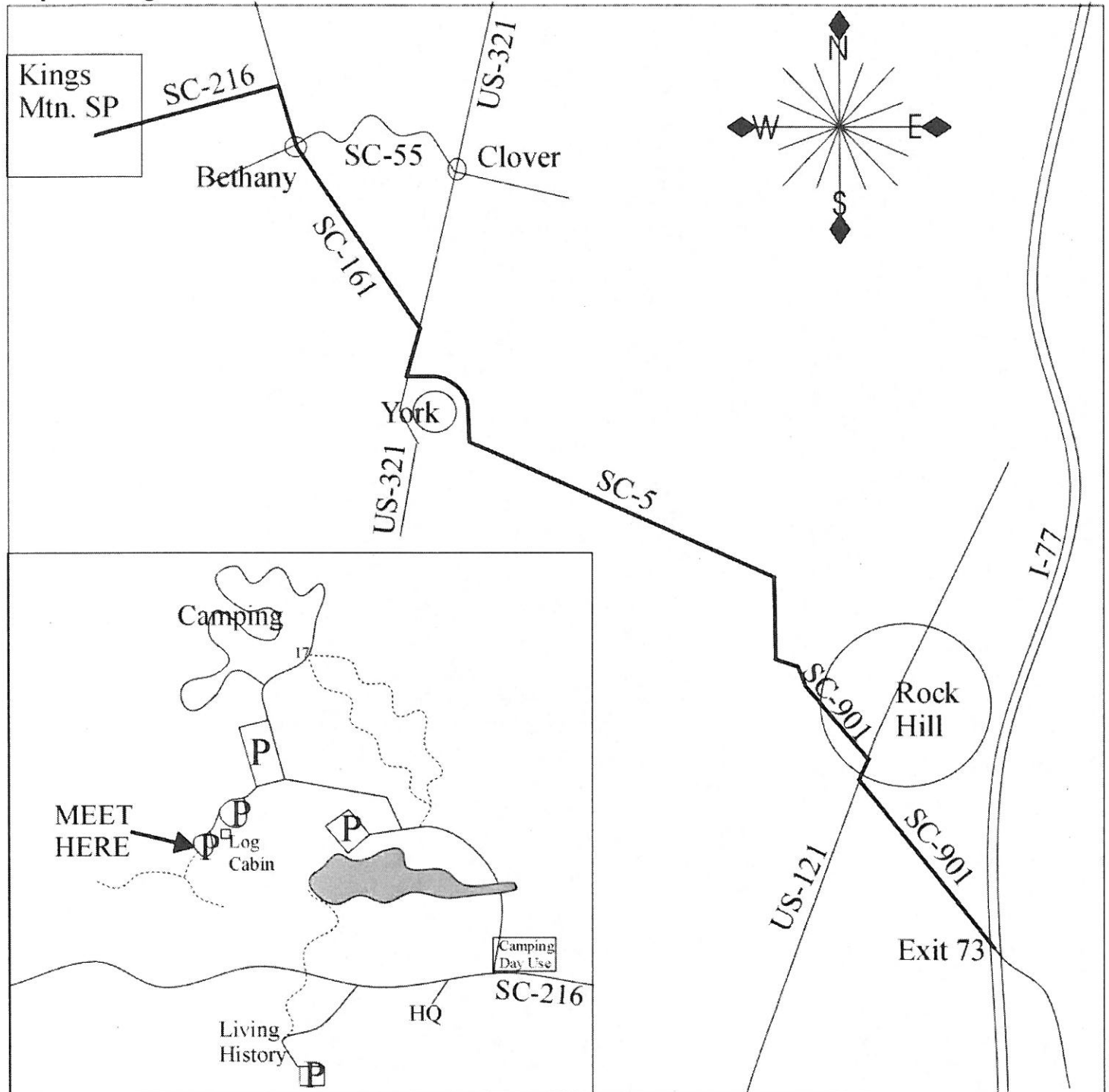
Please note that our December fieldtrip occurs on December 13.

McALHANY PRESERVE
DORCHESTER COUNTY, SC
DECEMBER 13, 2008
(Johnny Hardaway & Wayne Grooms)

South Carolina Association of Naturalists: Gordon Murphy, President; Pat Bright, Vice-president; Ben Gregory, Secretary; Greg Mancini, Treasurer; Jan Ciegler, Flora/Fauna Database Manager; Dee Hope, Historian, Regional Directors: Jan Ciegler (north); Johnny Hardaway & Wayne Grooms (south); Chris Manuse (east); Lynn Smith & Claudia Houck (west); John Cely (central). Newsletter published monthly; contact Ben Gregory, scan_editor_brg@bellsouth.net or 704-372-8532. Yearly membership is \$12. Send check to SCAN, c/o Greg Mancini, P.O. Box 5651, Columbia, SC 29250-5651. Fieldtrips are open to visitors; children must be over age 15. SCAN is a nonprofit 501(c)(3) in the state of South Carolina. (www.scnaturalists.org)

SCAN 2008 (11):2

Map for King Mountain State Park



Some Lady's Slipper Orchids Trap Insects, Peter Bernhardt

Regarding your previous communication, when discussing bowl traps for bees you might mention that there are natural bowl traps. Specifically, the sac-like labella of some lady's slipper orchids (*Cypripedium*) can be a death trap for bees that lack the correct dimensions to escape from the flower. In a recent study of the pollination of *C. montanum* (we are still working it up) Dr. Nan Vance and I found dozens of "hapless visitors" dead or dying in labella. In particular, *Osmia* spp. enter the labella but many fail to escape. I think their heads and thoraces are too wide to allow them to push through the rear escape canals of the flower. It's also amazing what you can find in the much larger sacs of *C. reginae* (mostly Lepidoptera and beetles). [This information was sent to Sam Droege (a scan member) via email from Peter Bernhardt on 10-27-08 via a bee monitoring group.]

Photo of Lynn Smith by an Atlantic White Cedar



Lynn Smith, a long-serving and highly-valued member of SCAN, is standing in front of an enormous Atlantic white cedar, which was recently nominated as a state champion tree for its species. Thomas Coleman, Program Director for the Bishop Gravatt Center, led us to this stunning tree during our fieldtrip to the Center on October 11, 2008 in Aiken County. (Photo by Gordon Murphy)

Woods Bay State Natural Area, Sumter County, SC, September 27, 2008

This list was produced by SCAN from sightings made 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

- | | | | |
|---|---|---|---|
| <p>Peat Moss
<i>Sphagnum</i> spp.</p> <p>Spikemoss
<i>Selaginella</i> spp.</p> <p>Cinnamon Fern
<i>Osmunda cinnamomea</i></p> <p>Bracken
<i>Pteridium aquilinum</i></p> <p>Netted Chain Fern
<i>Woodwardia areolata</i></p> <p>Virginia Chain Fern
<i>Woodwardia virginica</i></p> <p>Resurrection Fern
<i>Pleopeltis polypodioides michauxiana</i></p> <p>Pond Pine
<i>Pinus serotina</i></p> <p>Eastern Red Cedar
<i>Juniperus virginiana virginiana</i></p> <p>Pond-cypress
<i>Taxodium ascendens</i></p> <p>Bald-cypress
<i>Taxodium distichum</i></p> <p>Arrowhead
<i>Sagittaria</i> spp.</p> <p>Roseling
<i>Cuthbertia rosea</i></p> <p>Threeway Sedge
<i>Dulichium arundinaceum arundinaceum</i></p> <p>Longleaf Spikegrass
<i>Chasmanthium sessiliflorum</i></p> <p>Southern Wild-rice
<i>Zizaniopsis miliacea</i></p> <p>Spanish-moss
<i>Tillandsia usneoides</i></p> <p>Curlyleaf Yucca
<i>Yucca filamentosa</i></p> <p>Bamboo-vine
<i>Smilax laurifolia</i></p> | <p>Jackson-brier
<i>Smilax smallii</i></p> <p>Tulip-tree
<i>Liriodendron tulipifera</i></p> <p>Sweetbay
<i>Magnolia virginiana</i></p> <p>Swamp Bay
<i>Persea palustris</i></p> <p>Sassafras
<i>Sassafras albidum</i></p> <p>Lizard's-tail
<i>Saururus cernuus</i></p> <p>White Water-lily
<i>Nymphaea odorata odorata</i></p> <p>Sycamore
<i>Platanus occidentalis occidentalis</i></p> <p>Witch-hazel
<i>Hamamelis virginiana</i></p> <p>Sweet Gum
<i>Liquidambar styraciflua</i></p> <p>Mockernut Hickory
<i>Carya alba</i></p> <p>Common Wax-myrtle
<i>Morella cerifera</i></p> <p>Dwarf Wax-myrtle
<i>Morella pumila</i></p> <p>White Oak
<i>Quercus alba</i></p> <p>Southern Red Oak
<i>Quercus falcata</i></p> <p>Turkey Oak
<i>Quercus laevis</i></p> <p>Laurel Oak
<i>Quercus laurifolia</i></p> <p>Sand Post Oak
<i>Quercus margaretta</i></p> <p>Water Oak
<i>Quercus nigra</i></p> <p>River Birch
<i>Betula nigra</i></p> <p>Eastern Prickly-pear
<i>Opuntia humifusa humifusa</i></p> <p>Carolina Sandwort
<i>Minuartia caroliniana</i></p> <p>Carolina October-flower
<i>Polygonella polygama croomii</i></p> <p>Loblolly Bay
<i>Gordonia lasianthus</i></p> <p>St. Andrew's Cross
<i>Hypericum hypericoides</i></p> <p>Marsh St.-John's-wort
<i>Triadenum walteri</i></p> <p>Ti-ti
<i>Cyrilla racemiflora</i></p> | <p>Coastal Sweet Pepperbush
<i>Clethra alnifolia</i></p> <p>Spotted Wintergreen
<i>Chimaphila maculata</i></p> <p>Coastal Fetterbush
<i>Eubotrys racemosa</i></p> <p>Dangleberry
<i>Gaylussacia frondosa</i></p> <p>Southern Sheepkill
<i>Kalmia carolina</i></p> <p>Maleberry; He-huckleberry
<i>Lyonia ligustrina</i></p> <p>Staggerbush
<i>Lyonia mariana</i></p> <p>Sourwood
<i>Oxydendrum arboreum</i></p> <p>Sparkleberry
<i>Vaccinium arboreum</i></p> <p>Elliott's Blueberry; Mayberry
<i>Vaccinium elliotii</i></p> <p>Southern Highbush Blueberry
<i>Vaccinium formosum</i></p> <p>Southern Blueberry
<i>Vaccinium tenellum</i></p> <p>American Persimmon
<i>Diospyros virginiana</i></p> <p>Bigleaf Snowbell
<i>Styrax grandifolius</i></p> <p>Horsesugar; Sweetleaf
<i>Symplocos tinctoria</i></p> <p>Virginia-willow
<i>Itea virginica</i></p> <p>Carolina Laurel Cherry
<i>Prunus caroliniana</i></p> <p>Black Cherry
<i>Prunus serotina serotina</i></p> <p>Scarlet Firethorn
<i>Pyracantha coccinea</i></p> <p>Eastern Redbud
<i>Cercis canadensis canadensis</i></p> <p>Virginia Goat's-rue
<i>Tephrosia virginiana</i></p> <p>Water-willow
<i>Decodon verticillatus</i></p> <p>Flowering Dogwood
<i>Cornus florida</i></p> <p>Swamp Tupelo
<i>Nyssa biflora</i></p> <p>Big Gallberry
<i>Ilex coriacea</i></p> <p>American Holly
<i>Ilex opaca opaca</i></p> | <p>Tread-softly; Spurge-nettle
<i>Cnidocolus stimulosus</i></p> <p>Carolina Ipecac
<i>Euphorbia ipecacuanhae</i></p> <p>Virginia-creeper
<i>Parthenocissus quinquefolia</i></p> <p>Florida Grape
* <i>Vitis cinerea floridana</i></p> <p>Muscadine; Scuppernong
<i>Vitis rotundifolia rotundifolia</i></p> <p>Red Maple
<i>Acer rubrum</i></p> <p>Winged Sumac
<i>Rhus copallinum</i></p> <p>Eastern Poison Ivy
<i>Toxicodendron radicans radicans</i></p> <p>Devil's-walking-stick
<i>Aralia spinosa</i></p> <p>Carolina Jessamine
<i>Gelsemium sempervirens</i></p> <p>Carolina Ponyfoot
<i>Dichondra carolinensis</i></p> <p>Beautyberry; French-mulberry
<i>Callicarpa americana</i></p> <p>Common Blue Curls
<i>Trichostema dichotomum</i></p> <p>Chinese Privet
<i>Ligustrum sinense</i></p> <p>Purple-foxtail
<i>Agalinis setacea</i></p> <p>Senna Seymeria
<i>Seymeria cassioides</i></p> <p>Cross-vine
<i>Bignonia capreolata</i></p> <p>Trumpet-creeper
<i>Campsis radicans</i></p> <p>Japanese Honeysuckle
<i>Lonicera japonica</i></p> <p>Horseweed
<i>Conyza canadensis</i></p> <p>Elephant's-foot
<i>Elephantopus nudatus Elephantopus tomentosus</i></p> <p>Fireweed
<i>Erechtites hieraciifolius</i></p> <p>Common Dog-fennel
<i>Eupatorium capillifolium</i></p> <p>Bitterweed
<i>Helenium amarum amarum</i></p> |
|---|---|---|---|

Woods Bay State Natural Area, Sumter County, SC, September 27, 2008

Grass-leaved Golden-aster
* *Pityopsis graminifolia*
graminifolia

Fragrant Rabbit-tobacco
Pseudognaphalium obtusifolium

FAUNA

Spirobold Millipede
Narceus americanus

Crab-shaped Spiny-back
Gasteracantha cancriformis

Writing Spider; Garden Spider

Argiope aurantia

Long-jawed Orb-weaver
Tetragnatha sp.

Orchard Spider
Leucauge venusta

Golden-silk Spider
Nephila clavipes

Nursery-web Spider
Pisaurina mira

Carolina Wolf Spider
Hogna carolinensis

Dotted Wolf Spider
Rabidosa punctulata

Sergiolus Spider
* *Sergiolus capulatus*

Armored Pygmy Grasshopper

Tettigidea armata

Grasshoppers
Orphulella pelidna
Dichromorpha elegans

Band-winged Grasshopper

Chortophaga australior

Carolina Locust
Dissosteira carolina

Boll's Sand Grasshopper
Spharagemon bolli

Sand Grasshopper
Spharagemon cristatum

Marbled Sand Grasshopper

Spharagemon marmorata picta

Keeler's Spurthroated Grasshopper (juvenile)

* *Melanoplus keeleri*

Pinetree Spurthroated Grasshopper

* *Melanoplus punctulatus*

American Bird Grasshopper
Schistocerca americana

Rusty Bird Grasshopper
* *Schistocerca rubiginosa*

Walker's Katydid
* *Inscudderia walkeri*

Broadtip Conehead Katydid

Neoconocephalus triops

Cone-headed Katydid
Neoconocephalus sp.

Forest Scaly Cricket
* *Cycloptilium trigonipalpus*

Snowy Tree Cricket (juvenile)

Oecanthus fultoni

Slender Meadow Katydid
Conocephalus fasciatus

Plant-feeding Stink Bug
Euschistus servus servus

Spiny Assassin Bug
* *Sinea spinipes*

Red Imported Fire Ant
Solenopsis invicta

Black Carpenter Ant
Camponotus pennsylvanicus

Common Green Darner
Anax junius

Blue Dasher
Pachydiplax longipennis

Searcher Ground Beetle
Calosoma sayi

Fiery Searcher; Ground Beetle

Calosoma scrutator

Pedunculate Ground Beetles

Ardistomis schaumii

Semiardistomis viridis

Bombadier Beetles
Brachinus cyanipennis

* *Brachinus sublaevis*

Minute Ground Beetles
Paratachys albipes

Paratachys oblitus

Polyderis laevis

Micratopus aenescens

Bembidion affine

Woodland Ground Beetles
* *Loxandrus crenatus*

* *Loxandrus* sp.

Notch-mouthed Ground Beetle

Badister reflexus

Corn Seed Beetle
Stenolophus lecontei

Dingy Ground Beetles
Stenolophus ochropezus

Acupalpus testaceus

* *Acupalpus rectangulus*

* *Notiobia nitidipennis*

Notiobia sayi

Notiobia terminata

* *Harpalus compar*

* *Harpalus erythropus*

* *Harpalus gravis*

Harpalus pennsylvanicus

* *Harpalus protractus*

Selenophorus opalinus

* *Selenophorus palliatus*

* *Amblygnathus iripennis*

False Bombardier Beetle
* *Galerita janus*

Woodland Ground Beetles
Agonum decorum

* *Agonum pallipes*

Agonum punctiforme

Perigonid Ground Beetle
Perigona nigriceps

Lebiine Ground Beetle
* *Pentagonica flavipes flavipes*

Colorful Foliage Ground Beetles
Apenes sinuatus

* *Cymindis elegans elegans*

Cymindis limbata

Lebia analis

Crawling Water Beetle
Peltodytes shermani

Burrowing Water Beetle
Hydrocanthus iricolor

Predacious Diving Beetles
* *Bidessonotus inconspicuous*

Desmopachria convexa

Agabus gagates

Hydaticus bimarginatus

Thermonectus basillaris basillaris

Ant-like Stone Beetles
Euconnus sp.

Stenichnus sp.

Carrion Beetles
Necrodes surinamensis

Nicrophorus orbicollis

Nicrophorus pustulatus

Hide Beetle
Trox variolatus

Water Scavenger Beetles
Helophorus lineatus

* *Hydrochus* sp. 6 (poss.)

Hydrobiomorpha casta

Tropisternus collaris

Hydrophilus ovatus

Berosus exiguus

Berosus infuscatus

Enochrus interruptus

Enochrus ochraceus

Enochrus sublongus

Helocombus bifidus

Phaenonotum extriatum

* *Cercyon occallatus*

Feather-winged Beetle
* *Ptiliola* (?) sp.

Dung Beetle
* *Copris minutus*

Aphodiine Dung Beetles
Aphodius campestris

Ataenius platensis

* *Martineziana dutertrei*

* *Leiopsammodius* n. sp.

Platytomus longulus

June Beetles
* *Phyllophaga aemula*

Phyllophaga prununculina

Garden Scarab Beetles
Diplotaxis bidentata

* *Diplotaxis liberta*

Diplotaxis punctatorugosa

Rhinoceros Beetle
Dyscinetus morator

Dynastine Scarab Beetle
* *Euetheola humilus rugiceps*

Marsh Beetles
* *Cyphon cooperi*

Cyphon variabilis

Cyphon perplexus

Minute Marsh-loving Beetle
Eulimnichus ater

Variegated Mud-loving Beetles
Tropicus pusillus

* *Heterocerus mollinus*

Throscid Beetle
* *Aulonothroscus convergens*

Net-winged Beetle
Plateros lictor

Woods Bay State Natural Area, Sumter County, SC, September 27, 2008

Click Beetles

- Heteroderes* sp.
- * *Conoderus schissus*
- * *Orthostethus infuscatus*
- * *Glyphonyx* sp.
- Melanotus* sp.

Sap Beetles

- Stelidota geminata*
- Stelidota octomaculata*
- * *Lobiopa insularis*
- Amphicrossus ciliatus*
- Pallodes* sp.

Root-eating Beetle

- Monotoma* sp.

Flat Bark Beetle

- * *Silvanopus* sp.

Silvanid Flat Bark Beetle

- Ahasverus rectus*

Shining Mold Beetles

- * *Olibrus lecontei*
- * *Olibrus semistriatus*
- * *Stilbus probatus* (?)
- * *Stilbus* sp.

Shining Flower Beetle

- * *Gorginus rubens*

Silken Fungus Beetle

- Cryptophagus* sp.

Pleasing Fungus Beetle

- * *Ischyryus quadripunctatus*

Handsome Fungus

Beetles

- * *Aphorista vittata*
- * *Danae testacea*
- * *Endomychus biguttatus*

Multicolored Asian Lady Beetle

- Harmonia axyridis*

Minute Fungus Beetles

- * *Holopsis marginicollis*
- * *Clypastraea lunata*

Minute Brown Scavenger Beetles

- Corticaria elongata*
- Corticaria* sp.

Hairy Fungus Beetle

- * *Mycetophagus obsoletus*

Darkling Beetles

- * *Platydemia subcostatum* (?)

- * *Alobates* (?) sp.

- * *Corticeus thoracicus*

- * *Blapstinus* sp.

Comb-clawed Beetle

- Hymenorus* sp.

Ant-like Flower Beetles

- * *Notoxus monodon*
- * *Anthicus ictericus* (?)
- * *Tomoderus* sp.

Ant-like Leaf Beetles

- * *Emelimus melsheimeri*
- * *Zonantes hubbardi*
- * *Zonantes nubifer*
- * *Zonantes signatus*
- Zonantes subfasciatus*
- * *Vanonus* sp.

Longhorn Beetle

- * *Enapholodes rufulus*

Carolina Sawyer Beetle

- Monocharmus carolinensis*

Hickory Girdler Beetle

- Oncideres cingulata*

Flat-faced Longhorn Beetle

- Beetle**
- * *Astylopsis arcuata*

Shining Leaf Beetle

- Oulema melanoplus*

Oval Leaf Beetles

- Tymnes tricolor*
- Metachroma pellucidum*
- Paria fragariae kirki*
- Paria* sp.
- Myochrous floridanus floridanus*

Flea Beetle

- * *Longitarsus pygmaeus* (?)

Broad-nosed Weevils

- Cercopeus* sp.
- Cyrtopistomus castaneus*

Acorn Weevils

- * *Curculio fulvus*
- * *Curculio humeralis*
- * *Curculio nasicus*
- * *Curculio orthorhynchus*
- * *Curculio pardalis*
- * *Curculio proboscideus*
- * *Curculio sulcatulus*

Hidden Snout Weevils

- Conotrachelus posticatus*
- Acalles porosus*

Minute Seed Weevil

- * *Ceutorhynchus quadridens*

Billbug; Grain Weevil

- Sphenophorus cariosus*

Pinhole Borer

- Euplatypus compositus*

Orange Sulphur

- Colias eurytheme*

Cloudless Sulphur

- Phoebis sennae eubule*

Gulf Fritillary

- Agraulis vanillae*

Common Buckeye (juvenile)

- Junonia coenia*

Greater Oak Dagger Moth (larva)

- * *Acronicta lobeliae*

Slider Turtle

- Trachemys scripta*

Mud Snake (juvenile, nest, egg)

- * *Farancia abacura*

Eastern Kingsnake

- Lampropeltis getula*

Copperhead

- Agkistrodon contortrix*

Cottonmouth; Water Moccasin

- Agkistrodon piscivorus*

Wood Duck

- Aix sponsa*

Black Vulture

- Coragyps atratus*

Sharp-shinned Hawk

- Accipiter striatus*

Pileated Woodpecker

- Dryocopus pileatus*

Blue Jay

- Cyanocitta cristata*

Carolina Wren

- Thryothorus ludovicianus*

Camp Bishop Gravatt, Aiken County, SC, October 11, 2008

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LICHENS

Cladonia evansii

FLORA

Foxtail Clubmoss

Lycopodiella alopecuroides

Cinnamon Fern

Osmunda cinnamomea

Bracken

Pteridium aquilinum

Netted Chain Fern

Woodwardia areolata

Virginia Chain Fern

Woodwardia virginica

Longleaf Pine

Pinus palustris

Pond Pine

Pinus serotina

Loblolly Pine

Pinus taeda

Atlantic White-cedar

Chamaecyparis thyoides

Eastern Red Cedar

Juniperus virginiana virginiana

Arrowhead

Sagittaria sp.

Yellow-eyed Grass

Xyris sp.

Marsh Dewflower

Murdannia keisak

Pipewort

Eriocaulon sp.

Blue Sedge; Southern Sedge

Carex glaucescens chalarocephala

Woolgrass Bulrush

Scirpus cyperinus

Tall Nutrush

Scleria triglomerata

Broomsedge

Andropogon glomeratus

Splitbeard Bluestem

Andropogon ternarius ternarius

Broomsedge

Andropogon virginicus

Giant Cane

Arundinaria gigantea

Slender Spikegrass

Chasmanthium laxum

Witch Grass

* *Dichanthelium* sp.

Eulalia

Miscanthus sinensis

Giant Plume Grass

Saccharum giganteum

American Bur-reed

Sparganium americanum

Pickerelweed

Pontederia cordata

Catbrier

Smilax bona-nox

Whiteleaf Greenbrier

Smilax glauca

Bamboo-vine

Smilax laurifolia

Downy Rattlesnake-orchid

Goodyera pubescens

Water-spider Orchid

Habenaria repens

Ladies'-tresses

Spiranthes sp.

Tulip-tree; Yellow Poplar

Liriodendron tulipifera

Southern Magnolia

Magnolia grandiflora

Sweetbay

Magnolia virginiana

Swamp Bay

Persea palustris

Sassafras

Sassafras albidum

Little Brown Jug

Hexastylis arifolia

Broadleaf Pondlily

Nuphar advena

Water-shield

Brasenia schreberi

Yellowroot

Xanthorhiza simplicissima

Sycamore

Platanus occidentalis occidentalis

Sweet Gum

Liquidambar styraciflua

False-nettle

Boehmeria cylindrica

Mockernut Hickory

Carya alba

Southern Red Oak

Quercus falcata

Bluejack Oak

Quercus incana

Turkey Oak

Quercus laevis

Blackjack Oak

Quercus marilandica marilandica

Water Oak

Quercus nigra

Tag Alder

Alnus serrulata

American Hornbeam

Carpinus caroliniana

Loblolly Bay

Gordonia lasianthus

St. Andrew's Cross

Hypericum hypericoides

Sweet Pitcherplant

Sarracenia rubra rubra

Roundleaf Sundew

Drosera rotundifolia rotundifolia

Ti-ti

Cyrilla racemiflora

Coastal Sweet

Pepperbush

Clethra alnifolia

Spotted Wintergreen

Chimaphila maculata

Trailing Arbutus

Epigaea repens

Mountain Laurel;

Mountain Ivy

Kalmia latifolia

Coastal Doghobble

Leucothoe axillaris

Shining Fetterbush

Lyonia lucida

Sourwood

Oxydendrum arboreum

Piedmont Azalea

Rhododendron canescens

Sparkleberry

Vaccinium arboreum

Elliott's Blueberry;

Mayberry

Vaccinium elliotii

Deerberry

Vaccinium stamineum

American Persimmon

Diospyros virginiana

Horsesugar; Sweetleaf

Symplocos tinctoria

Hawthorn

Crataegus sp.

Black Cherry

Prunus serotina serotina

Southern Blackberry

Rubus argutus

Honesty-weed; Rattleweed

Baptisia tinctoria

Rattlebox

Crotalaria sp.

Smooth Trailing

Lespedeza

Lespedeza repens

Dollarweed

Rhynchosia reniformis

Virginia Goat's-rue

Tephrosia virginiana

Alternate-leaf Seedbox

Ludwigia alternifolia

Common Water-purslane

Ludwigia palustris

Meadow-beauty

Rhexia mariana

Flowering Dogwood

Cornus florida

Blackgum

Nyssa sylvatica

American Mistletoe

Phoradendron serotinum serotinum

Big Gallberry

Ilex coriacea

Little Gallberry; Inkberry

Ilex glabra

American Holly

Ilex opaca opaca

Carolina Ipecac

Euphorbia ipecacuanhae

Southeastern Noseburn

Tragia urens

Virginia-creeper

Parthenocissus quinquefolia

Muscadine; Scuppernong

Vitis rotundifolia rotundifolia

Red Maple

Acer rubrum

Winged Sumac

Rhus copallinum

Poison Oak

Toxicodendron pubescens

Camp Bishop Gravatt, Aiken County, SC, October 11, 2008

Eastern Poison Ivy <i>Toxicodendron radicans radicans</i>	Coreopsis <i>Coreopsis major</i>	White-topped Aster <i>Sericocarpus tortifolius</i>	Tinkling Ground Cricket (call) <i>Allonemobius tinnulus</i>
Poison Sumac <i>Toxicodendron vernix</i>	Leafy Elephant's-foot <i>Elephantopus carolinianus</i>	Rosinweed <i>Silphium compositum</i>	Paper Wasp <i>Polistes</i> sp.
Carolina Jessamine <i>Gelsemium sempervirens</i>	Elephant's-foot <i>Elephantopus tomentosus</i>	Licorice Goldenrod <i>Solidago odora odora</i>	Common Buckeye <i>Junonia coenia</i>
Dawnflower <i>Stylisma patens</i>	Common Dog-fennel <i>Eupatorium capillifolium</i>	Fly Agaric <i>Amanita muscaria</i>	Clouded Skipper <i>Lerema accius</i>
Common Blue Curls <i>Trichostema dichotomum</i>	Coastal Dog-fennel <i>Eupatorium compositifolium</i>	FAUNA	Spiny Oak-slug Moth (larva) <i>Euclea delphinii</i>
Narrowleaf Blue Curls * <i>Trichostema setaceum</i>	Common Roundleaf Eupatorium <i>Eupatorium rotundifolium</i>	Orb-weavers <i>Neoscona domiciliorum</i> <i>Neoscona crucifera</i>	Largemouth Bass <i>Micropterus salmoides</i>
Chinese Privet <i>Ligustrum sinense</i>	Stiff-leaved Aster <i>Ionactis linariifolia</i>	Marbled Orb-weaver <i>Araneus marmoreus</i>	Green Frog; Bronze Frog (juvenile) <i>Lithobates clamitans</i>
Purple-foxtail <i>Agalinis setacea</i>	Blazing-star <i>Liatris spicata spicata</i>	Carolina Wolf Spider <i>Hogna carolinensis</i>	Turkey Vulture <i>Cathartes aura</i>
Inflated Bladderwort <i>Utricularia inflata bellidifolius</i>	Grass-leaved Golden-aster <i>Pityopsis aspera adenolepis</i>	Carolina Locust <i>Dissosteira carolina</i>	Red-bellied Woodpecker <i>Melanerpes carolinus</i>
Partridge-berry <i>Mitchella repens</i>	Grass-leaved Golden-aster <i>Pityopsis graminifolia graminifolia</i>	Boll's Sand Grasshopper <i>Spharagemon bolli</i>	Pileated Woodpecker <i>Dryocopus pileatus</i>
Southern Wild Raisin <i>Viburnum nudum</i>	Camphorweed <i>Pluchea camphorata</i>	Spur-throated Grasshopper <i>Melanoplus</i> sp.	Eastern Wood-pewee <i>Contopus virens</i>
Common Ragweed <i>Ambrosia artemisiifolia</i>		Southeastern Field Cricket * <i>Gryllus rubens</i>	Blue Jay <i>Cyanocitta cristata</i>
Sandhill Chaffhead <i>Carphephorus</i>			Brown-headed Nuthatch <i>Sitta pusilla</i>
Maryland Golden-aster <i>Chrysopsis mariana</i>			

Information Regarding the South Carolina Native Plant Society, Janie Marlow

(1) November 14, 15 & 16 – Native plant seed collection fieldtrips are free and open to the public, but you do need to sign-up.

(2) Tuesday, November 18 – Jocassee Gorges is the name given to the collection of steep-sided gorges that cut into the Blue Ridge Escarpment – a “Blue Wall” of hills along the sharp transition between our Carolina Mountains and Piedmont. These gorges, their streams, and their high precipitation have drawn the attention of naturalists for centuries. At our November meeting, Greg Lucas from the South Carolina Department of Natural Resources (SCDNR) will give us a closer look at both the natural wonders of the Jocassee Gorges and the management techniques SCDNR is using to protect those wonders. Greg will illustrate his talk with photographs of many scenic areas and both plant and animal species, with emphasis on the many flowering plants and areas that are especially good for viewing them. This event will occur at Wesleyan University.

(3) Saturday, November 22 – Conestee Nature Park, just 6 miles south of downtown Greenville, consists of 300 acres of beautiful woodlands, open meadows, wetlands, and a rich diversity of wildlife and native plants, but it also has invasive plant infestations and abused lands. On November 22 we will start a piedmont prairie restoration, which will begin with a plant rescue. Additionally, a **plant identification and exotic invasives educational workshop** will be given. The Upstate Master Naturalists are planning to join us for the event and should add greatly to our efforts.

(4) For information regarding any of these events please go to www.scnps.org.