



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

November 2006, Newsletter

Hi all,

What was forecast to be a rainy morning, turned out to be a gorgeous Carolina sky-blue day (even if we were just over the border in Augusta, Georgia!). With a brisk wind and chilly air, our group of nearly 20 explored Phinzy Swamp Nature Park on Saturday (10-28-06). Approximately ten of us walked with Lois Stacy, who is a volunteer at this city-owned nature park, or preserve, while she told us about its history and function. The park is actually a complete tertiary treatment system for Augusta's wastewater, prior to its reentry into the Savannah River, and is thus an ecological 'factory' operating as a semi-artificial wetland. Augusta built this mitigation project to comply with the Clean Water Act. The water that travels through this system has none of the unpleasant aspects associated with wastewater treatment and, even more importantly, the water enriches both the local environment and the Savannah River Basin.

Hardwoods, pines, bald cypress, cattails, otters, boardwalks, and viewing platforms, make this park a wonderfully scenic place covering about 1100 acres of natural and manmade ponds (i.e., cells); amenities include a meeting center for ecological education (e.g., marsh ecology), research, and community outreach. We saw water birds such as egrets, ducks, grebes, ibis, and coots. Two majestic bald eagles sightings were made, one in the late afternoon when an eagle circled relatively close – what a highlight! Although chilly in the shade, we saw various insects in the sun; e.g., butterflies (i.e., cloudless sulphur, gulf fritillary), dragonflies (i.e., eastern pondhawk, rosette skimmer), bees, and wasps. As usual, Tom and Mary Douglas-Jones did a robust job of inventorying the habitat's flora. For me, the most beautiful part of the park was tree-lined Butler Creek as viewed from a footbridge along the Beaver Dam Trail. Along the trail, we encountered two water moccasins and met some visitors who had seen another.

In the late evening, a number of us followed Jerry Bright, our trip leader, to Aiken State Natural Area (SC), where Wayne Grooms and Johnny Hardaway had cooked all day to prepare barbecue pork, stew, green beans, and blackberry cobbler over an open fire. Thanks very much guys! What a delicious and satisfying way to end our day by eating and chatting around a campfire while crickets and cicadas sang 'a cappella' in the background. That night, some attendees camped at Aiken State Natural Area.

On Sunday, we met at Henderson Heritage Preserve (HHP) in Aiken County, SC, which was the final excursion of our two-day trip. I arrived earlier than others did and was greeted by a large brightly colored pileated woodpecker on a dead pine. I wished the bird had been an ivory-billed woodpecker, the "Oh God!" bird, but I gladly settled for a noisy giant pileated. At HHP, we enjoyed another gorgeous day by exploring another jewel among the SC Heritage Preserves. This preserve's habitat consists of upland longleaf pine habitat on some very large hills, which may be old mine-tailings, surrounded by mixed hardwood and some bottomland. A creek has been transformed into a series of elevated lakes through the tenacious dam building of beavers. Some of our group explored an area with no marked trails, and we added more flora and fauna sightings to our weekend explorations, which stopped about 3 pm. After generously thanking Jerry Bright for planning our weekend fieldtrip, we disbanded, but a few continued their fellowship at an Applebee's in Columbia. Next month we will be at Cowpens Battlefield near Gaffney and I hope you will join us for more fun – at least we naturalists consider it fun! Jules Fraytet, President

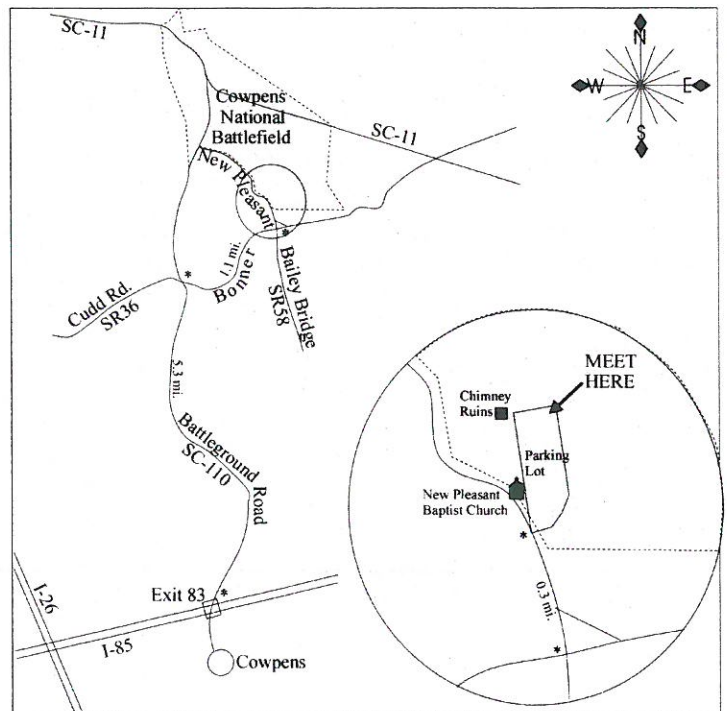
Cowpens National Battlefield
Cherokee County, SC
November 18, 2006, 10:30 AM

Description: Conditions should be much more pleasant for our visit to Cowpens than it was for the British and Patriot fighters on January 16, 1781. We will be visiting a mostly wooded area to the southwest of the major portion of the battlefield along a nature trail that explores gently rolling piedmont terrain. Fairly mature trees and a small stream are major influences on this terrestrial ecosystem, which has an almost mountain 'feel' with its plant and animal species. The herbaceous layer is especially interesting.

Trail Conditions: The trail is mostly wooded with lots of exposed tree roots but otherwise in good condition and easy to follow. There are bridges over the creek but there are several access points where the water fauna can be visited. The creek is somewhat stony providing good hiding places for aquatic insects.

Details: As usual, be prepared for chiggers, ticks, and perhaps mosquitoes. Plan to pack your lunch to eat on the trail, along with plenty of water. We will end up in the picnic area but the cold weather may have forced the water to be turned-off to the water fountains. We will not have access to restrooms at the church where we are meeting. You can arrive early and drive to the SC 11 entrance to the visitor's center, in the battlefield, for restrooms and good literature (e.g., a useful map that includes our trail). The main road through the battlefield is scheduled to be closed for repairs, so return to the meeting place for the SCAN trip. (Quentin Webber)

Directions: The most common access point no matter from what direction you are approaching is Exit 83, the Cowpens exit, of I-85. Turn north on SC 110. There are signs to Cowpens National Battlefield. Go about 5.3 miles to Bonner Road (SR 36) on the right (Cudo Road goes left). Turn right onto Bonner and watch for New Pleasant Road (SR 58) in 1.1 miles. Turn left and watch for New Pleasant Baptist Church on the right in about .3 miles. Turn right into the church parking lot just before you reach the church building and park in the corner of the parking lot farthest from the main road. You will be opposite the cemetery. We have permission from the church to meet and park here. To access Rt 11 from the church parking lot return to New Pleasant Road and turn right. Proceed north to SC 110 then right (north again) to 11 (traffic light). Then right a short distance to the Battlefield entrance. Entrance road and visitor's center hours are 9 to 5. (Quentin Webber; Lynn Smith; Map from Jan Ceigler)



Television and Cowpens National Battlefield: On November 13, 2006 (Monday) at 1 pm, SCETV will present a special on Cowpens National Battlefield and King's Mountain National Military Park; both are located next to each other. If you are not home, you might like to record this presentation. (Lynn Smith)

TWIG WORKSHOP. South Carolina Native Plant Society (SCNPS) will sponsor a workshop on winter twig identification on February 3, 2007 (Saturday), at Wofford College (Spartanburg, SC) from 10:00 am - 3:00 pm. This workshop will be taught by Ron Lance and will be held in the lab of Dr. Doug Rayner. The cost for registration and lunch will be \$20.00; please make reservations with Eva Pratt at evaoncompton@windstream.net. (Eva Pratt)

SCAN Officers: Jules Fraytet, President; Lynn Smith, Vice president; Ben Gregory, Secretary; Greg Mancini, Treasurer. SCAN newsletter is published monthly. Fieldtrips are open to newcomers. Yearly membership is \$12. Please send check to SCAN, c/o Greg Mancini, PO Box 5651, Columbia, SC 29250-5651. SCAN is a nonprofit 501(c)(3) in the state of South Carolina.

Rock Hill Blackjacks Heritage Preserve—York Co., SC—September 23, 2006

This list was produced by SCAN from sightings supplied by SCAN members and is subject to revision as needed. (*) indicates a new sighting for SCAN. Send any changes or corrections to Tom Jones & Mary Garland Douglass-Jones at prestoea@bellsouth.net. Please indicate to which flora/fauna list you are referring. Thank you.

FLORA

Southern Grapefern
Sceptridium bitematum

Bracken
Pteridium aquilinum

Ebony Spleenwort
Asplenium platyneuron

Shortleaf Pine
Pinus echinata

Loblolly Pine
Pinus taeda

Virginia Pine; Scrub Pine
Pinus virginiana

Eastern Red Cedar
Juniperus virginiana

Cymose Beakrush
* *Rhynchospora recognita*

Longspike Tridens
* *Tridens strictus*

Purple-top
Tridens flavus

Wild Rye Grass
Elymus virginicus

Hair Grass
Aira elegans

Arrowfeather
* *Aristida purpurascens*

Barnyard Grass
Echinochloa crusgalli

Beard Grass; Plume Grass
Erianthus contortus

Indian Grass
Sorghastrum nutans

River Oats
Chasmanthium latifolium

Greenbrier; Bullbrier
Smilax rotundifolia

Fringed Greenbrier; Bullbrier
Smilax bona-nox

Sawbrier; Greenbrier
Smilax glauca

Nodding Onion
Allium cernuum

False Garlic
Allium bivalve

Wild Yam
Dioscorea villosa

Eastern Cottonwood
Populus deltoides

Southern Shagbark Hickory
Carya carolinae-septentrionalis

Mockernut Hickory
Carya tomentosa

Pignut Hickory
Carya glabra

Post Oak
Quercus stellata

Swamp Red Oak; Shumard Oak
Quercus shumardii

Black Oak
Quercus velutina

Black Jack Oak
Quercus marilandica

Willow Oak
Quercus phellos

Laurel Oak; Darlington Oak
Quercus hemisphaerica

Slippery Elm
Ulmus rubra

Winged Elm
Ulmus alata

Georgia Hackberry
Celtis tenuifolia

Red Mulberry
Morus rubra

Virginia Snakeroot; Birthwort
Aristolochia serpentaria

Clematis
Clematis ochroleuca

Nandina
Nandina domestica

Coralbeads
Cocculus carolinus

Southern Magnolia; Bull Bay
Magnolia grandiflora

Sweet-gum
Liquidambar styraciflua

American Sycamore
Platanus occidentalis

Five-fingers
Potentilla simplex

Blackberry
Rubus argutus

Wild Rose
Rosa carolina

Bradford Pear
* *Pyrus calleryana*

Dwarf Hawthorn
Crataegus uniflora

Cockspur Hawthorn
Crataegus crus-galli

Littlehip Hawthorn
Crataegus spathulata

Chickasaw Plum
Prunus angustifolia

Black Cherry; Wild Cherry
Prunus serotina

Redbud; Judas-tree
Cercis canadensis

Northern Wild Senna
* *Cassia hebecarpa*

Partridge-pea
Cassia fasciculata

Tick-Trefoil
Desmodium paniculatum

Serice
Lespedeza cuneata

Goat's-rue
Tephrosia virginiana

Snoutbean
* *Rhynchosia tomentosa*

Tragia
Tragia urticifolia

Spotted Spurge
Chamaesyce maculata

Eyebane
Chamaesyce nutans

Possumhaw Holly
Ilex decidua

Japanese Holly
Ilex crenata

Fragrant Sumac
Rhus aromatica aromatica

Winged Sumac
Rhus copallinum

Smooth Sumac
Rhus glabra

Poison Oak
Toxicodendron pubescens

Eastern Poison Ivy
Toxicodendron radicans

Hearts-a-burstin'-with-love
Euonymus americanus

Boxelder; Ash-leaved Maple
Acer negundo

Red Maple
Acer rubrum

Virginia-creeper
Parthenocissus quinquefolia

Muscadine; Bullace
Vitis rotundifolia

Summer Grape
Vitis aestivalis

St.-Andrew's-cross
Hypericum hypericoides

Passionflower; Maypops
Passiflora incarnata

Yellow Passionflower
Passiflora lutea

Russian-olive
Elaeagnus umbellata

Sundrops
Oenothera fruticosa

Button Snakeroot
Eryngium yuccifolium

Queen Anne's-lace; Wild Carrot
Daucus carota

Meadow Parsnip
Thaspium trifoliatum

Blackgum
Nyssa sylvatica

Flowering Dogwood
Cornus florida

Silky Dogwood
Cornus amomum

Spotted Wintergreen
Chimaphila maculata

Sparkleberry
Vaccinium arboreum

Buckthorn Bumelia; Ironwood
Bumelia lycioides

Persimmon
Diospyros virginiana

American Ash; White Ash
Fraxinus americana

Green Ash
Fraxinus pennsylvanica

Fringe-tree
Chionanthus virginicus

Chinese Privet; Ligustrum
Ligustrum sinense

Yellow Jessamine
Gelsemium sempervirens

Polypremum
Polypremum procumbens

Rose-pink; Bitter-bloom
Sabatia angularis

Climbing Dogbane
Trachelospermum difforme

Indian Hemp; Dogbane
Apocynum cannabinum

Narrowleaf Milkweed
Asclepias verticillata

White Morning-glory
Ipomoea lacunosa

Brazilian Vervain
Verbena brasiliensis

Blue-curls
Trichostema dichotomum

Common Skullcap
Scutellaria integrifolia

American Self-heal
* *Prunella vulgaris lanceolata*

Eurasian Self-heal
* *Prunella vulgaris vulgaris*

Mountain-mint
Pycnanthemum tenuifolium

Southern Obedient-plant
* *Physostegia virginiana praemorsa*

Mecardonia
Mecardonia acuminata

Purple Gerardia
Agalinis purpurea

Trumpet Vine; Cow-itch Vine
Campsis radicans

Ruellia
Ruellia caroliniensis

Button-bush
Cephalanthus occidentalis

Virginia Buttonweed; Poor-jo
Diodia virginiana

Rock Hill Blackjacks Heritage Preserve—York Co., SC—September 23, 2006

Poor-jo (or Po-jo) <i>Diodia teres</i>	Tall Goldenrod <i>Solidago altissima</i>	Fork-tailed Bush Katydid <i>Scudderia furcata</i>	Eastern Towhee <i>Pipilo erythrophthalmus</i>
Bluets <i>Houstonia tenuifolia</i>	Goldenrod <i>Solidago microcephala</i>	Tinkling Ground Cricket <i>Allonemobius tinnulus</i>	
Bedstraw <i>Galium pilosum</i>	Prairie-dock <i>Silphium terebinthinaceum</i>	Thread-legged Bug <i>Emesaya brevipennis</i>	
Japanese Honeysuckle <i>Lonicera japonica</i>	Silphium <i>Silphium astericus</i>	Large Carpenter Bee <i>Xylocopa virginica virginica</i>	
Coral-berry; Indian Currant <i>Symphoricarpos orbiculatus</i>	Black-eyed Susan <i>Rudbeckia fulgida</i>	Bumblebee <i>Bombus impatiens</i>	
Black-haw; Nanny-berry <i>Viburnum prunifolium</i>	Black-eyed-Susan <i>Rudbeckia hirta</i>	Honey Bee <i>Apis mellifera</i>	
Lobelia <i>Lobelia puberula</i>	Schweinitz' Sunflower <i>Helianthus schweinitzii</i>	Soldier Beetle <i>Chauliognathus marginatus</i>	
Lobelia <i>Lobelia spicata</i>	Coreopsis <i>Coreopsis major</i>	Black Blister Beetle <i>Epicauta pensylvanica</i>	
Common Ragweed <i>Ambrosia artemisiifolia</i>	Ozark Tickseed-sunflower <i>* Bidens polylepis</i>	Orange Sulphur <i>Colias eurytheme</i>	
Hawkweed <i>Hieracium gronovii</i>	Bitterweed <i>Helenium amarum</i>	Cloudless Sulphur <i>Phoebis sennae eubule</i>	
Fireweed <i>Erechtites hieracifolia</i>	White Prairie-goldenrod <i>Oligoneuron album</i>	Sleepy Orange (butterfly) <i>Eurema nicippe</i>	
Elephant's-foot <i>Elephantopus carolinianus</i>	Southeastern Bold Goldenrod <i>Oligoneuron rigidum glabratum</i>	Red-banded Hairstreak <i>Calycopis cecrops</i>	
Blazing-star <i>* Liatris pilosa</i>	Common Horseweed <i>* Conyza canadensis canadensis</i>	Eastern Tailed-blue(butterfly) <i>Everes comyntas</i>	
Dog-fennel <i>Eupatorium capillifolium</i>	Black-knot <i>Apiosporina morbosa</i>	Little Metalmark (butterfly) <i>Calephelis virginiensis</i>	
Thoroughwort <i>Eupatorium hyssopifolium</i>	Turkey-tail <i>Trametes versicolor</i>	Pearl Crescent (butterfly) <i>Phyciodes tharos</i>	
Late Eupatorium <i>Eupatorium serotinum</i>	Indigo Milky <i>Lactarius indigo</i>	Red-spotted Purple (butterfly) <i>Limenitis arthemis astyanax</i>	
Eupatorium <i>Eupatorium aromaticum</i>	Skull-shaped Puffball <i>Calvatia craniformis</i>	Gemmed Satyr (butterfly) <i>Cyllopsis gemma</i>	
Mistflower; Ageratum <i>Eupatorium coelestinum</i>	Pear-shaped Puffball <i>Lycoperdon pyriforme</i>	Carolina Satyr (butterfly) <i>Hermeuptychia sosybius</i>	
Rabbit-tobacco; Everlasting <i>Gnaphalium obtusifolium</i>	Columned Stinkhorn <i>Clathrus columnatus</i>	Common Wood-nymph (butterfly) <i>Cercyonis pegala pegala</i>	
Sea-myrtle; Groundsel-tree <i>Baccharis halimifolia</i>	FAUNA	Monarch (butterfly) <i>Danaus plexippus</i>	
Common Clasping Aster <i>Aster patens patens</i>	White Micrathena (spider) <i>Micrathena mitrata</i>	Fiery Skipper <i>Hylephila phyleus</i>	
Aster <i>Aster concolor</i>	Writing Spider; Garden Spider <i>Argiope aurantia</i>	Little Glassywing <i>* Pompeius verna</i>	
Frost Aster <i>Aster pilosus</i>	Marbled Orb-weaver <i>Araneus mammoreus</i>	Clouded Skipper <i>Pyrgus accius</i>	
Starved Aster <i>Aster lateriflorus</i>	Green Lynx Spider <i>Peucetia viridans</i>	Eastern Box Turtle <i>Terrapene carolina</i>	
Aster <i>Aster dumosus</i>	Yellow Crab Spider <i>Misumenoides formosipes</i>	Carolina Anole; Green Anole <i>Anolis carolinensis</i>	
Slim Goldenrod <i>Solidago stricta</i>	Common Meadow Katydid <i>Orchelimum vulgare</i>	Eastern Fence Lizard <i>Sceloporus undulatus</i>	
Gray Goldenrod <i>Solidago nemoralis</i>	Brown Winter Grasshopper <i>Amblytropidia mysteca</i>	Rough Green Snake <i>Opheodrys aestivus</i>	
Sweet Goldenrod <i>Solidago odora</i>	Sand Grasshopper <i>* Spharagemon sp.</i>	Eastern Garter Snake <i>Thamnophis sirtalis</i>	
		Double-crested Cormorant <i>Phalacrocorax auritus</i>	
		Red-shouldered Hawk <i>Buteo lineatus</i>	
		Tufted Titmouse <i>Parus bicolor</i>	
		Carolina Wren <i>Thryothorus ludovicianus</i>	