



October 2010

Greetings Everyone,

A small but diligent crowd met at Lisa Matthews Memorial Bay last month to see flora and fauna there, with the star of the show being Canby's dropwort (*Oxypolis canbyi*) which grows in the wetter regions of the preserve. Canby's dropwort is a federally listed Endangered Species. The Lowcountry Chapter of the South Carolina Native Plant Society (SCNPS) was visiting the Bay on the same day we were there and John Brubaker was their leader. John gave the history of the property coming from The Nature Conservancy as a gift to SCNPS. There were only 50 to 60 stems of Canby's dropwort left some years back as the bay was being overtaken by loblolly pines and sweetgum trees. Mechanical removal of these intruders has allowed the population to spring back to 1,000 to 1,200 stems. John asks that visitors avoid direct contact with this population as he hopes to see it increase even more. The SCAN folks decided to break off from the SCNPS group and we walked back through the recently flooded areas to ecotones at higher ground. We found an abundance of Sleepy Orange butterflies where we parked and we spotted a mating pair of praying mantis, unfortunately the male had lost its head to the female. Plants of note were *Burmanna* sp. along some old ditch banks and *Ilex myrtifolia* with yellow/orange fruit. We enjoyed Dukes BBQ later in the afternoon.

Thanks to Wayne Grooms for arranging the trip to Lisa Matthews Memorial Bay for us and thanks to John Brubaker for sharing his knowledge about Canby's dropwort and the history of the restoration of the bay. I would also like to thank the SCNPS for taking on the challenge of restoring the bay and congratulate them on the success achieved thus far. Keep up the good work!

We are getting ever closer to the end of 2010 and that means we will need to plan our 2011 trips soon and fill some officer positions for next year. If you have ideas for trips next year, please share them with the current Regional Coordinators or me so we can discuss them at the planning meeting. Also, if you have a little time to donate to SCAN next year, please let Pat Bright or me know if you are interested in filling one of the officer positions.

- NOTE THAT THERE IS A CHANGE IN THE FIELD TRIP THIS MONTH - This month's trip will be to the Congaree Creek Heritage Preserve in Lexington County. Due to a deer hunt that is scheduled for October 23rd at the Aiken Gopher Tortoise Heritage Preserve, we had to make a last minute change in venue.

I hope to see you all soon!

Gordon

Congaree Creek Heritage Preserve

(NOTE: new location)

Saturday, 23 October 2010

10:30

(Central Region, John Cely)

Due to a hunting conflict at the Aiken Gopher Tortoise Preserve, we had to re-schedule to another location, Congaree Creek DNR Heritage Preserve, on the outskirts of Cayce in Lexington County. This is a very nice property close to Columbia, consisting of nearly a square mile of hardwood forests, creek bottoms, and other wetlands, with a 2.5 mile loop trail that meanders through it. There is also frontage on Congaree Creek, a beautiful blackwater stream that empties into the Congaree River.

Much history has occurred here, and archaeological research indicates a human occupation that goes back for 12,000 years. The old Cherokee Path crossed the eastern section of the Property, which was near the scene of the first inland fort constructed by white settlers in the "back country" and called Fort Congaree. The site saw a good bit of activity during the Revolutionary War as well as the Civil War. In the early 20th century the Guignard Brickworks of Cayce mined clay at the site and created numerous depressions which later filled up with water and over the years, have turned into valuable wetlands of local significance. Although DNR refers to this as a cultural preserve, the site offers much in the way of biological diversity and there should be much flora and fauna to see.

Directions: From I-26 proceeding either north or south, take I-77 east towards Charlotte; before crossing the Congaree River on 77, take the 12th Street Extension Exit, traveling north for 2.0 miles towards Cayce; turn right on Godley Street and proceed for 0.3 miles, where it will dead end at the New State Road; turn right onto New State Road for 0.5 miles when you will come to a fork in the road – take the right fork, the State Road; proceed southward on State Road for 1.3 miles (you will pass a water treatment plant on your left) at which time a small parking lot for Congaree Creek HP will appear on your right.

If you are coming from the east, simply get on I-77 west towards Charleston and look for the 12th Street Extension Exit shortly after you cross the Congaree River.

New SCAN member for 2010:

Frank Hardie
32 Prioleau St., Unit D
Charleston, SC 29401
843-327-4785
fwhardie@yahoo.com

**Landsford Canal
State Park
Chester Co., SC
August 28, 2010**

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FLORA

Rattlesnake Fern
Botrypus virginianus
Southern Grapefern
Sceptridium biternatum
Bracken
Pteridium aquilinum
Ebony Spleenwort
Asplenium platyneuron
Christmas Fern
Polystichum acrostichoides
Loblolly Pine
Pinus taeda
Virginia Pine
Pinus virginiana
Eastern Red Cedar
Juniperus virginiana virginiana
Common Dayflower
Commelina communis communis
Smooth Spiderwort
Tradescantia ohioensis
Giant Cane
Arundinaria gigantea
River Oats
Chasmanthium latifolium
Longleaf Spikegrass
Chasmanthium sessiliflorum
Common Bottlebrush Grass
Elymus hystrix hystrix
Wild-rye
Elymus virginicus
Flexible Sasa-grass
Microstegium vimineum
Shoals Spiderlily
* *Hymenocallis coronaria*
Curlyleaf Yucca
Yucca filamentosa
Catbrier
Smilax bona-nox
Common Greenbrier
Smilax rotundifolia

Jackson-brier
Smilax smallii
Tulip-tree
Liriodendron tulipifera
Cucumber-tree
Magnolia acuminata
Common Pawpaw
Asimina triloba
Sweet-shrub
Calycanthus floridus
Spicebush
Lindera benzoin
Sassafras
Sassafras albidum
Virginia Snakeroot
Endodeca serpentaria
Virgin's-bower
Clematis virginiana
Yellowroot
Xanthorhiza simplicissima
Coralbeads
Cocculus carolinus
Bloodroot
Sanguinaria canadensis
Sycamore
Platanus occidentalis occidentalis
Sweet Gum
Liquidambar styraciflua
Winged Elm
Ulmus alata
Slippery Elm
Ulmus rubra
Southern Hackberry
Celtis laevigata
Dwarf Hackberry
Celtis tenuifolia
Red Mulberry
Morus rubra
False-nettle
Boehmeria cylindrica
Mockernut Hickory
Carya alba
Pignut Hickory
Carya glabra
Black Walnut
Juglans nigra
American Beech
Fagus grandifolia
White Oak
Quercus alba
Laurel Oak
Quercus laurifolia
Swamp Chestnut Oak
Quercus michauxii
Water Oak
Quercus nigra
Willow Oak
Quercus phellos
Post Oak
Quercus stellata
Black Oak
Quercus velutina
Tag Alder
Alnus serrulata
River Birch
Betula nigra

American Hornbeam
Carpinus caroliniana
Common Pokeweed
Phytolacca americana
Starry Campion
Silene stellata
Waterpepper
Persicaria hydropteroides
St. Andrew's Cross
Hypericum hypericoides
Dwarf St.-John's-wort
Hypericum mutilum
Yellow Passionflower
Passiflora lutea lutea
Creeping Cucumber
Melothria pendula pendula
Eastern Cottonwood
Populus deltoides deltoides
Spotted Wintergreen
Chimaphila maculata
Pinesap
Hypopitys monotropa
Coastal Doghobble
Leucothoe axillaris
Sparkleberry
Vaccinium arboreum
Elliott's Blueberry
Vaccinium elliotii
Black Highbush Blueberry
Vaccinium fuscatum
American Persimmon
Diospyros virginiana
Silverbell
Halesia tetraptera
Horsesugar
Symplocos tinctoria
Climbing Hydrangea
Decumaria barbara
Mountain Stonecrop
Sedum ternatum
American Alumroot
Heuchera americana
Black Cherry
Prunus serotina serotina
Mimosa
Albizia julibrissin
Common Groundnut
Apios americana
Spurred Butterfly Pea
Centrosema virginianum
Eastern Redbud
Cercis canadensis canadensis
Common Sensitive-plant
Chamaecrista nictitans nictitans
Honey Locust
Gleditsia triacanthos
Black Locust
Robinia pseudoacacia
Northern Wild Senna
Senna hebecarpa
Spring Silverberry
Elaeagnus umbellata parvifolia

Alternate-leaf Seedbox
Ludwigia alternifolia
Flowering Dogwood
Cornus florida
Blackgum
Nyssa sylvatica
Possam-haw
Ilex decidua decidua
American Holly
Ilex opaca opaca
Rhombic Copperleaf
Acalypha rhomboidea
Eastern Flowering Spurge
Euphorbia corollata
Peppervine
Ampelopsis arborea
Virginia-creeper
Parthenocissus quinquefolia
Muscadine
Vitis rotundifolia rotundifolia
Box Elder
Acer negundo
Red Maple
Acer rubrum
Red Buckeye
Aesculus pavia pavia
Winged Sumac
Rhus copallinum
Eastern Poison Ivy
Toxicodendron radicans radicans
Tree-of-Heaven
Ailanthus altissima
Chinaberry
Melia azedarach
Spotted Touch-me-not
Impatiens capensis
Sanicle
Sanicula canadensis
Carolina Jessamine
Gelsemium sempervirens
Indian-hemp
Apocynum cannabinum
Phlox
Phlox carolina
American Lopseed
Phryma leptostachya leptostachya
Beautyberry
Callicarpa americana
Northern Horsebalm
Collinsonia canadensis
Mountain-mint
Pycnanthemum sp.
Fringe-tree
Chionanthus virginicus
Ash
Fraxinus sp.
Chinese Privet
Ligustrum sinense
Squawroot
Conopholis americana
Cross-vine
Bignonia capreolata
Trumpet-creeper
Campsis radicans

Cardinal Flower
Lobelia cardinalis
Buttonbush
Cephalanthus occidentalis
Forest Bedstraw
Galium circaezans
Japanese Honeysuckle
Lonicera japonica
Coralberry
Symphoricarpos orbiculatus
Common Elderberry
Sambucus canadensis
Pale Indian-plantain
Arnoglossum atriplicifolium
Tall Thistle
Cirsium altissimum
Leafy Elephant's-foot
Elephantopus carolinianus
Elephant's-foot
Elephantopus tomentosus
Rosinweed
Silphium asteriscus dentatum
Bearsfoot
Smallanthus uvedaluis
Purple-spored Puffball
Calvatia cyathiformis

FAUNA

Asiatic Clam (shell)
Corbicula sp.
Bowl-and-doi Spider
Frontinella pyramitela
Writing Spider
Argiope aurantia
Spur-throated Grasshopper
Melanoplus sp.
Carolina Mantis
Stagmomantis carolina
Flat Stink Bug
Brochymena sp.
Annual Cicada (fragment, call)
Tibicen sp.
Blue-fronted Dancer Damselfly
Argia apicalis
Blue-ringed Dancer (damselfly)
Argia sedula
Redbud Bruchid (beetle)
* *Gibbobruchus mimus*
Eastern Tiger Swallowtail
Papilio glaucus
Cloudless Sulphur
Phoebis sennae eubule
Sleepy Orange (butterfly)
Eurema nicippe
Variagated Fritillary
Euptoieta claudia

Red-spotted Purple (butterfly)
Limenitis arthemis astyanax

Hackberry Emperor (butterfly)
Asterocampa celtis

Carolina Satyr (butterfly)
Hermeuptychia sosybius

Monarch (butterfly)
Danaus plexippus

Duskywing Skipper
Erynnis spp.

Northern Cricket Frog
Acris crepitans

Green Anole
Anolis carolinensis

Southeastern Five-lined Skink
Plestiodon inexpectatus

Black Racer
Coluber constrictor

Red-bellied Water Snake
Nerodia erythrogaster

Great Egret
Casmerodius albus

Great Blue Heron
Ardea herodias

Canada Goose
Branta canadensis

Killdeer
Charadrius vociferus

Turkey Vulture
Cathartes aura

Bald Eagle
Haliaeetus leucocephalus

Osprey
Pandion haliaetus

Red-bellied Woodpecker (call)
Melanerpes carolinus

Downy Woodpecker (feather)
Picoides pubescens

American Crow
Corvus brachyrhynchos

Fish Crow (call)
Corvus ossifragus

Carolina Chickadee
Parus carolinensis

Tufted Titmouse
Baeolophus bicolor

Carolina Wren
Thryothorus ludovicianus

Northern Cardinal
Cardinalis cardinalis

American Goldfinch
Carduelis tristis

Eastern Mole (tracks)
Scalopus aquaticus

Raccoon (tracks)
Procyon lotor

White-tailed Deer (tracks)
Odocoileus virginianus

**Lisa Matthews
Memorial Bay
Bamberg Co., SC
September 25, 2010**

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FLORA

Netted Chain Fern
Woodwardia areolata

Virginia Chain Fern
Woodwardia virginica

Longleaf Pine
Pinus palustris

Loblolly Pine
Pinus taeda

Pond-cypress
Taxodium ascendens

Yellow-eyed Grass
Xyris sp.

Common Bogbutton
Lachnocaulon anceps

Splitbeard Bluestem
Andropogon ternarius

Broomsedge
Andropogon virginicus

Seabeach Needlegrass
Aristida tuberculosa

Velvet Witch Grass
* *Dichantheium scoparium*

Warty Panic Grass
Panicum verrucosum

Plume Grass
Saccharum sp.

Spanish-moss
Tillandsia usneoides

Pickerelweed
Pontederia cordata

Redroot
Lachnanthes caroliniana

Southern Blue Flag
Iris virginica

Violet Burmannia
Burmannia biflora

Lizard's-tail
Saururus cernuus

White Water-lily
Nymphaea odorata odorata

Sweet Gum
Liquidambar styraciflua

Common Wax-myrtle
Morella cerifera

Laurel Oak
Quercus laurifolia

Overcup Oak
Quercus lyrata

Water Oak
Quercus nigra

Prickly-pear
Opuntia humifusa

Florida Cottonweed
Froelichia floridana

Sundew
Drosera sp.

Pinweed
Lechea mucronata

Coastal Sweet Pepperbush
Clethra alnifolia

American Persimmon
Diospyros virginiana

Black Cherry
Prunus serotina serotina

Blackberry
Rubus sp.

Gopherweed
Baptisia perfoliata

Honesty-weed
Baptisia tinctoria

Summer Farewell
Dalea pinnata pinnata

Coral Bean
Erythrina herbacea

Lespedeza
Lespedeza sp.

Feathery Mermaid-weed
Proserpinaca pectinata

Globe-fruited Seedbox
Ludwigia sphaerocarpa

Meadow-beauty
Rhexia mariana

Virginia Meadow-beauty
Rhexia virginica

Swamp Tupelo
Nyssa biflora

Blackgum
Nyssa sylvatica

Myrtle Holly
Ilex myrtifolia

Tread-softly
Cnidioscolus stimulosus

Southeastern Noseburn
Tragia urens

Peppervine
Ampelopsis arborea

Grape
Vitis sp.

Red Maple
Acer rubrum

Winged Sumac
Rhus copallinum

Eastern Poison Ivy
Toxicodendron radicans radicans

Canby-s Cowbane
* *Oxypolis canbyi*

Clasping Water-horehound
* *Lycopus amplexans*

Mountain-mint
Pycnanthemum

tenuifolium

Blue Curly
* *Trichostema* sp.

Polyppremum
Polyppremum procumbens

Woolly Mullein
Verbascum thapsus

Trumpet-creeper
Campsis radicans

Lobelia
Lobelia glandulosa

Wahlenbergia
Wahlenbergia marginata

Buttonbush
Cephalanthus occidentalis

Richardia
Richardia sp.

Eastern Doll's-daisy
* *Boltonia asteroides*

Scratch-daisy
Croptilon divaricatum

Cudweed
Gamochaeta sp.

Blazing-star
Liatris graminifolia

Grass-leaved Golden-aster
Pityopsis graminifolia graminifolia

Hairy Pineywoods Goldenrod
Solidago fistulosa

Licorice Goldenrod
Solidago odora odora

FAUNA

Red Imported Fire Ant
Solenopsis invicta

Dusky Lady Beetle
Scymnus americanus

Darkling Beetle
* *Bothrotes canaliculatus acutus*

Oval Leaf Beetle
Paria quadrinotata

Oval Leaf Beetle
* *Graphops marcessita marcessita*

12-spotted Cucumber Beetle
Diabrotica undecimpunctata howardi

Flower Weevil
* *Aulobaris anthracina*

Flower Weevil
Pseudobaris nigrina

Long-tailed Skipper
Urbanus proteus

Southern Chorus Frog
Pseudacris nigrita

Six-lined Racerunner
Aspidoscelis sexlineata