



SCAN: May 2007(5)

Hi everybody,

I want to lead off first with a generous thank you to Mr. Marvin Jackson, the owner of the private property we visited on our April trip. We are fortunate to have the opportunity to occasionally have access to lands that have been preserved by individuals and we are grateful to Mr. Jackson to be able to explore his 600 acre property in Spartanburg County which has a diversity of South Carolina Piedmont habitat. Thanks also to Lyle and Sarah Campbell for helping Jan Ciegler to arrange this trip.

We assembled near the residence after crossing a causeway across a large front pond. Most of us then drove about a mile or more through the wooded area another place to park near the rear end of the property and a power line easement. This gave us easy access to an ecologically rich area of marshlands and the edge of the South Tyger River. The weather Saturday was gorgeous, not being too hot, a slight cooling wind and a sky filled with cumulus clouds. For me the only annoyance was the abundance of gnats which I found myself unwillingly swallowing occasionally while in conversations! Robin Carter who is known statewide for his amazing birding skills counted over fifty species in a short time. Mary G. Douglass spent some of the day finding an abundance of bee species, being recently inspired by the research that is going on in the Sandhills National Wildlife Refuge where at least 56 species of bees have turned up in the last few years and more research is being done this year. For further information on this:

http://www.fws.gov:80/home/feature/2007/refUp_JanFeb_2007_page5.pdf

Tom Jones was assembling a large plant list. Mike Turner and Johnny Hardaway who are very enthusiastic naturalists spent time exploring many parts of the floodplain and wet areas looking for rare plants and just having fun as usual. Jan Ciegler was ready to wade through some very wet areas with her boots to locate beetles. Charlie Williams (temporarily stepping out of his other identity as Andre Michaux!), had a new book on Odonates and was busy trying to identify them. Quentin Weber was occupied with identifying tress and shrubs. Lyle Campbell and Greg Mancini also looked for bird life and Lyle helped me ID some rock species(not local ones). Virginia Winn enjoys sharing in almost everything that others are looking for. Peggy O'Neal was botanizing and spotted the leaves of a lady slipper species while driving by at twenty miles per hour through the wooded section, a talent she says she has even at faster speeds on the highway of spotting unique plants! Ben said we need to publish a field guide to identifying plants at highway speeds. Additionally, Ben found a mammal skull, which Lynn took home and identified as a raccoon.

We welcomed two new members with us today; Doug and Dixie Damerl who have moved to Spartanburg form Arizona recently and are enjoying learning about a very different type of ecology and plant life. North Carolina which will be on our next itinerary and arranged by Sam and Eva Pratt, will be just over the border off I- 26 close the famous Pearson's Falls.

After our full day of walking, observing and having fun we drove to nearby Woodruff and dined at a Greek Restaurant which we would like to highly recommend to anybody who may be in the area." Roma's Family Restaurant on SC hwy 146 (509 Cross Anchor Rd). Great food and accommodating attitude for our group of 13. Stay tuned for future recommendations for regional epicurean cuisine!

Thanks again to all of you for supporting our organization.

Jules Fraytet / SCAN President 2007

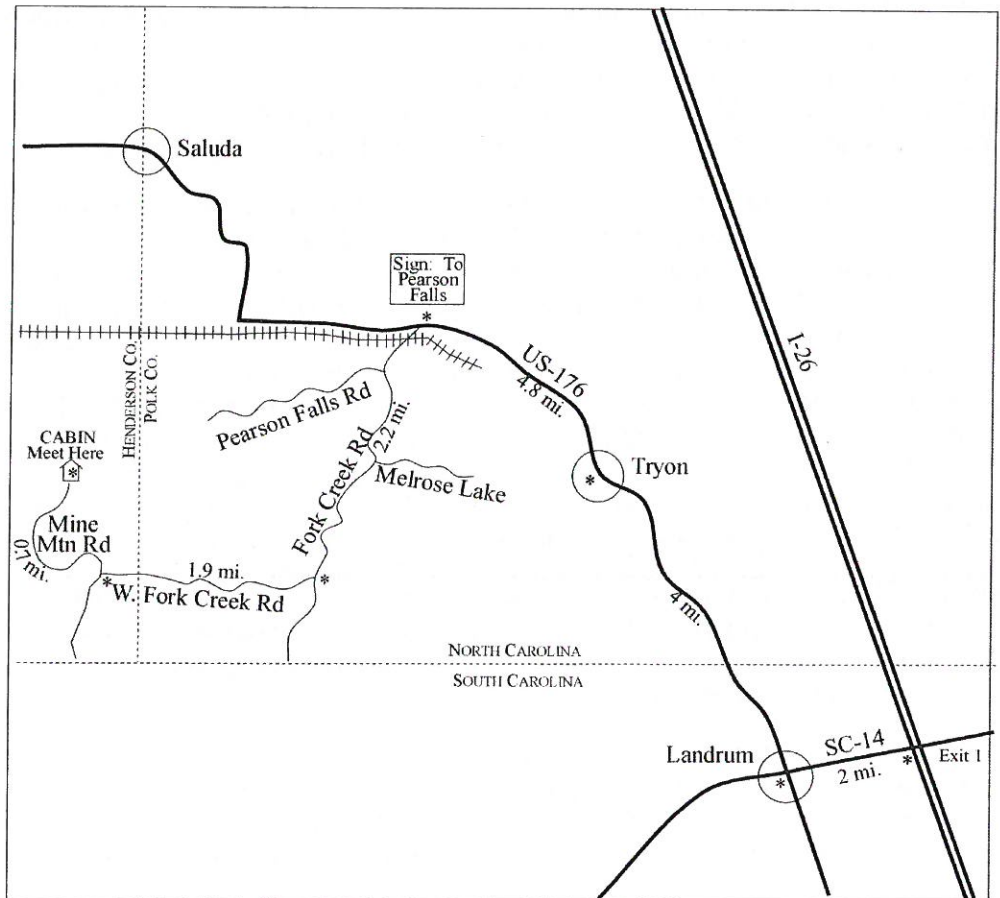
PS. Our last newsletter contained a membership list. If any of your information was printed incorrectly, please contact Ben Gregory, our secretary, for correction. He can be reached at scan_editor_brg@bellsouth.net, or 704-372-8532. Ben will make all corrections and send a revised membership list to all members.

SCAN 2007(5): 1

Pacolet Falls
Henderson County, SC
May 26, 2007, 10:30 PM
(Eva & Sam Pratt)

Another Expedition with Patrick! And on the beautiful 'Pacolet River' property of our new member, Nancy Barnett! Eager to hear of the way SCAN approaches a hike, Nancy has already joined SCAN, so we will welcome her, even as she welcomes us. Her trail will lead us to her family's Pacolet Falls, a double fall. Be prepared for wet feet, as there will be two or three wet crossings. In late March, her trails were redolent with the scent of *Trillium cuneatum*, bloodroot was profuse, *Lindera benzoin* was bursting its tiny buds, silver bells were opening, trout lilies had already completed their flowery carpeting, blue cohosh grew in luxurious abundance, and showy orchids were leafed out. As we approached the turn-off to Pearson's Falls, very near her property, fernleaf phacelia was stopping traffic!

Directions: From the intersection of I-26 and Exit 1, it is 16 miles to our destination. At Exit 1, take SC Hwy 14 west through Landrum for 2 miles. At US Hwy 176, turn right. (NOTE: The gas station at this intersection may be your last rest stop.) In just over 4 miles, you will pass through downtown Tryon. Shortly after that, be sure you take the left fork to stay on Hwy 176, which then becomes more scenic. Travel 4.8 miles past Tryon (or, 3 miles south of Saluda). Watch for signs to Pearson's Falls and turn LEFT of Pearson's Falls Road. Follow these signs across the bridge and under the trestle as you go 0.5 mile. Go LEFT on Fork Creek Road just past trestle; do NOT follow sign to Pearson's Falls. Stay on Fork Creek Road for about 1.7 to 2.2 miles, and then turn RIGHT on WEST Fork Creek Road. You will cross from Polk County into Henderson County as you travel 1.9 miles. At STOP Sign, turn RIGHT onto Mine Mountain Road. Do not take immediate driveway after stop sign, but watch on right (about 0.7 mile) for a cabin that can be seen easily from the road; turn in there to park. We will leave about half our cars there and car pool to Mrs. Barnett's drive, less than 2 miles away. (If you get to another stop sign, you have gone too far.)



My cell phone will be on until we leave the cars: 864-590-2075.

South Carolina Association of Naturalists: Jules Fraytet, President; Lynn Smith, Vice president; Ben Gregory, Secretary; Greg Mancini, Treasurer; Tom Jones & Mary G. Douglass-Jones, Flora/Fauna Database Managers; Dee Hope, Historian. Regional Directors: Jan Ciegler (north), Mike Turner (south), Gordon Murphy (east), Eva & Sam Pratt (west), Jerry & Pat Bright (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, PO Box 5651, Columbia, SC 29250-5651. Fieldtrips open to newcomers over age 15. SCAN is a nonprofit 501(c)(3) in the state of South Carolina. (www.scnaturalists.org)

HELP!!! Please Help with SCAN Membership Information, Ben Gregory

Our April '07 newsletter contained our current membership list. If any of your information was incorrect, please contact me for correction; scan_editor_brg@bellsouth.net, or 704-372-8532. I am currently working on corrections, and would appreciate your input. After I make all the corrections, I will send a revised membership list to all members. If you have an email address, I will send the revised list via the internet. If you do not have an email address, I will post the revised list to you.



SCAN Display Board, at NatureFest (Congaree National Park, 4-21-07). NatureFest was an excellent event. The weather was beautiful, and there were many enticing activities. Left to right: Mina Winn, Jules Fraytet, Quentin Webber, Lynn Smith, and park volunteer Kate Hartley. Kate has since joined SCAN. Other volunteers that day were Virginia Winn, Jan Ciegler, Mike Turner, and Ben Gregory. Display Board created by Virginia Winn and Lynn Smith. Photo taken by Virginia Winn.

Rudolph Ernest Mancke III, will receive an honorary PhD from Clemson University on May 11, 2007. Rudy started SCAN.

Silver Bluff Audubon Center and Sanctuary (info, Virginia Winn)

Paul Koehler, Assistant Sanctuary Manager of the Silver Bluff Audubon Center and Sanctuary, needs volunteers to document the flora of the sanctuary; he already has fauna volunteers. According to Paul, no particular time frame exist for this need, and you may cover the seasons at your leisure. Pressed plant samples would be a nice added bonus, but not necessary. He has a particular interest in knowing what plants are in a 60-acre field near the Savannah River; a portion of that area was prescribed burned this past spring. SCAN previously visited Silver Bluff on March 19, 1983 and, according to Lynn Smith, SCAN may have an old flora/fauna list from that visit. If so, a comparison of the flora between now and then may be interesting. The gates to the sanctuary are open Mon-Sat, 9 am – 5 pm, but Paul can arrange to open the gates beyond those hours. If you wish to volunteer and/or need more information, please call Paul. The visitor center does not yet have regular operating hours, but you can leave Paul a message if he is not available. The sanctuary is located at 4542 Silver Bluff Road (that's off of SC-125 near North Augusta, SC), Jackson, SC 29831, 803-471-0291, Paul Koehler, Assistant Manager, pkoehler@audubon.org.

'Expeditions with Patrick McMillan' Wins Bronze Telly Award, (info, Gordon Murphy & Janie Marlow)

'Expeditions with Patrick McMillan' recently won a bronze Telly Award for outstanding public television series in the nature and wildlife category. The Telly Awards honor the very best local, regional, and cable television commercials and programs, as well as the finest video and film productions, selected from more than 13,000 entries from around the country. "Expeditions" premiered in January on SC-ETV and the SC Channel, and it can be seen Sundays at 7:30 pm.

56 Bee Species Discovered at Carolina Sandhills National Wildlife Refuge, Ben Gregory

Last spring, in just two days, Sam Droege found 56 bee species at the refuge; 20 of them previously unrecorded for South Carolina. Sam is a wildlife biologist with the U.S. Geological Survey in Patuxent, Maryland. He plans to return this spring to the 45,000-acre refuge to launch a yearlong survey of native bees. He expects to find at least 130 native bee species at the refuge. He is looking for volunteers to train with regard to bee collecting methodology and identification. He and others have created a bee-identification guide at www.discoverlife.org. Mary Garland Douglass is extremely excited about Sam's research, and has been in contact with him: Sam Droege, 301-497-5840, sdroege@usgs.gov. This information is based on a website article of the U.S.F.&W.S (see page 1 of this newsletter for the address).

Dragonfly Society of America, visit website at odonatacentral.bfl.utexas.edu (info, Lynn Smith)

Randy Emmitt, SCAN member, visit his website at rlephoto.com (info, Lynn Smith)

Heggie's Rock – Columbia Co., GA – March 24, 2007

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 exactly to which flora/fauna list you are referring. Thank you.

LICHENS

Cladonia sp.

FLORA

Peat Moss

Sphagnum sp.

Grimmia Dry Rock Moss

* *Grimmia laevigata*

Haircap Moss

Polytrichum sp.

Twisted-hair Spikemoss

Selaginella tortipila

Piedmont Quillwort

Isoetes piedmontana

Mat-forming Merlin's-grass

Isoetes tegetiformans

Cut-leaf Grapefern

Sceptridium dissectum

Hairy Lip-fern

Cheilanthes lanosa

Ebony Spleenwort

Asplenium platyneuron

Christmas Fern

Polystichum acrostichoides

Shortleaf Pine

Pinus echinata

Loblolly Pine

Pinus taeda

Eastern Red Cedar

Juniperus virginiana virginiana

Dwarf Palmetto

Sabal minor

Green Arrow-arum

Peltandra virginica

Hairy Spiderwort

Tradescantia hirsuticaulis

Broomsedge

Andropogon virginicus

Switch Cane

Arundinaria tecta

Poverty Oat-grass

Danthonia spicata

Two-flower Melic

Melica mutica

Dimpled Trout Lily

Erythronium umbilicatum umbilicatum

False Garlic

Nothoscordum bivalve

Common Atamasco-lily

Zephyranthes atamasca

Straw-lily

Uvularia sessilifolia

Solomon's-seal

Polygonatum biflorum

Curlyleaf Yucca

Yucca filamentosa

Catbrier

Smilax bona-nox

Whiteleaf Greenbrier

Smilax glauca

Bamboo-vine

Smilax laurifolia

Common Greenbrier

Smilax rotundifolia

Jackson-brier

Smilax smallii

Downy Rattlesnake-orchid

Goodyera pubescens

Cranefly Orchid

Tipularia discolor

Common Pawpaw

Asimina triloba

Little Brown Jug

Hexastylis arifolia

Yellowroot

Xanthorhiza simplicissima

Bloodroot

Sanguinaria canadensis

Sweet Gum

Liquidambar styraciflua

Winged Elm

Ulmus alata

Mockernut Hickory

Carya alba

Pignut Hickory

Carya glabra

Shagbark Hickory

Carya ovata

Common Wax-myrtle

Morella cerifera

White Oak

Quercus alba

Water Oak

Quercus nigra

Willow Oak

Quercus phellos

Post Oak

Quercus stellata

American Hornbeam

Carpinus caroliniana

Eastern Prickly-pear

Opuntia humifusa humifusa

Dune Prickly-pear

Opuntia pusilla

Rock Sandwort

Minuartia uniflora

Common Chickweed

Stellaria media

Pineweed

Hypericum gentianoides

St. Andrew's Cross

Hypericum hypericoides

Violet

Viola esculenta

Missouri Rockcress

Boechera missouriensis

Hairy Bittercress

Cardamine hirsuta

Spotted Wintergreen

Chimaphila maculata

Sparkleberry

Vaccinium arboreum

Elliott's Blueberry; Mayberry

Vaccinium elliotii

Deerberry

Vaccinium stamineum

Climbing Hydrangea

Decumaria barbara

Elf-orphine

Diamorpha smallii

Puck's Orphine; Stonecrop

Sedum pusillum

Five-fingers

Potentilla canadensis

Black Cherry

Prunus serotina serotina

Hog Plum

Prunus umbellata

Eastern Redbud

Cercis canadensis canadensis

Chinese Wisteria

Wisteria sinensis

Flowering Dogwood

Cornus florida

American Mistletoe

Phoradendron serotinum serotinum

Hearts-a-burstin'-with-love

Euonymus americanus

American Holly

Ilex opaca opaca

Spotted Spurge

Chamaesyce maculata

Supplejack; American Rattan

Berchemia scandens

Carolina Buckthorn

Frangula caroliniana

Virginia-creeper

Parthenocissus quinquefolia

Muscadine; Scuppernong

Vitis rotundifolia rotundifolia

Southern Sugar Maple

Acer floridanum

Box Elder; Ash-leaved Maple

Acer negundo

Red Maple

Acer rubrum

Heggie's Rock – Columbia Co., GA – March 24, 2007

Painted Buckeye

Aesculus sylvatica

Winged Sumac

Rhus copallinum

Eastern Poison Ivy

Toxicodendron radicans radicans

Trifoliate Orange

Citrus trifoliata

Southern Carolina Crane's-bill

*Geranium carolinianum
carolinianum*

Wild Geranium

Geranium maculatum

English Ivy

Hedera helix helix

Southern Chervil

Chaerophyllum tainturieri

Carolina Jessamine

Gelsemium sempervirens

Sandhills Blue-stars

Amsonia ciliata

Georgia Phacelia

Phacelia dubia georgiana

Beautyberry; French-mulberry

Callicarpa americana

Skullcap

* *Scutellaria ovata ovata*

Pool-sprite; Snorkelwort

Amphianthus pusillus

Common Toadflax

Nuttallanthus canadensis

Fringe-tree; Old Man's Beard

Chionanthus virginicus

Southern-privet

Forestiera ligustrina

Tiny Bluet

Houstonia pusilla

Partridge-berry

Mitchella repens

Japanese Honeysuckle

Lonicera japonica

Coral Honeysuckle

Lonicera sempervirens

Pale Indian-plantain

Arnoglossum atriplicifolium

Confederate Daisy

* *Helianthus porteri*

Virginia Dwarf-dandelion

Krigia virginica

Woolly Ragwort

Packera tomentosa

Cedar Apple Rust

*Gymnosporangium
junipervirginianae*

FAUNA

Bowl-and-doily Spider

Frontinella pyramitela

Lance Wolf Spider

* *Schizocosa avida*

Jumping Spider

Phidippus cardinalis

Pseudoscorpion

Order Pseudoscorpiones,
Species of

Springtail

Order Collembola, Species of

Toothpick Grasshopper

Achurum carinatum

Orange-winged Grasshopper

Pardalophora phoenicoptera

Spur-throated Grasshopper

Melanoplus sp.

American Bird Grasshopper

Schistocerca americana

Largid Bug

Largus succinctus

Silverfish

Family Lepismatidae, Species of

Large Carpenter Bee

Xylocopa virginica virginica

Ashy Clubtail (dragonfly)

Gomphus lividus

Common Baskettail

Tetragoneuria cynosura

Fragile Forktail (damselfly)

Ischnura posita

Pedunculate Ground Beetle

Clivina americana

Minute Ground Beetle

Polyderis laevis

Dingy Ground Beetle

* *Anisodactylus sanctaecrucis*

Crawling Water Beetle

Peltodytes sexmaculatus

Predacious Diving Beetle

Bidessonotus pulicarius

Predacious Diving Beetle

* *Desmopachria convexa*

Predacious Diving Beetle

Neoporus carolinus

Predacious Diving Beetle

Neoporus clypealis

Predacious Diving Beetle

Hydroporus signatus youngi

Predacious Diving Beetle

* *Hydrocolus heggiensis*

Predacious Diving Beetle

Coptotomus venustus

Feather-winged Beetle

* Family Ptiliidae, Species of

Ant-like Stone Beetle

* *Euconnus sp.*

Rove Beetle

Rugilus sp.

Rove Beetle

Eustilicus sp.

Crab-like Rove Beetle

Sepedophilus sp.

Shining Fungus Beetle

Cyparium concolor

Short-winged Mold Beetle

Custotychnus sp.

Short-winged Mold Beetle

Arthmius involutus

June Beetle

Phyllophaga anxia

Jewel Beetle

Acmaeodera texana

Multicolored Asian Lady Beetle

Harmonia axyridis

Minute Tree-fungus Beetle

Cis sp.

Darkling Beetle

Platydemus micans

Hickory Girdler Beetle

Oncideres cingulata

Broad-nosed Weevil

Cercopeus sp.

Hidden Snout Weevil

Acalles porosus

Bark and Ambrosia Beetle

Xyleborus dispar

Zebra Swallowtail

Eurytides marcellus

Eastern Tiger Swallowtail

Papilio glaucus

Falcate Orangetip

Anthocharis midea

Cloudless Sulphur

Phoebis sennae eubule

Sleepy Orange (butterfly)

Eurema nicippe

Red-banded Hairstreak

Calycopis cecrops

Eastern Tailed-blue(butterfly)

Everes comyntas

Spring Azure (butterfly)

Celastrina ladon

Common Buckeye

Junonia coenia

Silver-spotted Skipper

Epargyreus clarus

Juvenal's Duskywing

Erynnis juvenalis

Rat Snake; Black Rat Snake

Elaphe obsoleta

Turkey Vulture

Cathartes aura

Red-shouldered Hawk

Buteo lineatus

Heggie's Rock – Columbia Co., GA – March 24, 2007

Red-tailed Hawk

Buteo jamaicensis

Wild Turkey (tracks)

Meleagris gallopavo

Mourning Dove

Zenaidura macroura

Red-bellied Woodpecker

Melanerpes carolinus

Downy Woodpecker

Picoides pubescens

Pileated Woodpecker

Dryocopus pileatus

Blue Jay

Cyanocitta cristata

American Crow; Common Crow

Corvus brachyrhynchos

Tufted Titmouse

Parus bicolor

Carolina Chickadee

Parus carolinensis

Brown-headed Nuthatch

Sitta pusilla

Carolina Wren

Thryothorus ludovicianus

Ruby-crowned Kinglet

Regulus calendula

Hermit Thrush

Catharus guttatus

Northern Mockingbird

Mimus polyglottos

Brown Thrasher

Toxostoma rufum

Blue-headed Vireo

Vireo solitarius

Northern Parula

Parula americana

Yellow-rumped Warbler

Dendroica coronata

Pine Warbler

Dendroica pinus

Northern Cardinal

Cardinalis cardinalis

Eastern Towhee

Pipilo erythrophthalmus

Dark-eyed Junco

Junco hyemalis

Eastern Cottontail

Sylvilagus floridanus

Coyote (scat)

Canis latrans

Raccoon (tracks)

Procyon lotor

White-tailed Deer (tracks)

Odocoileus virginianus

Geology Book Suggestion, Jules Fraytet

Our recent trip to Little Mountain, SC re-interested me in geology and I just purchased a new Carolinas field guide on the subject: *Exploring the Geology of the Carolinas, A Field Guide to the Favorite Places from Chimney Rock to Charleston*, by Kevin Stewart and Mary-Russell Roberson, UNC Press ISBN 978-0-8078-5786-1, \$14.00 plus shipping from Amazon. From my first perusal of this book, it looks like an interesting addition to the popular guides about our local geology, mostly centered around parks and nature reserves that we visit in both states but tilted a bit toward NC probably because the authors teach at UNC.

Edisto River Canoe & Canoe & Kayak Trail Commission, Ben Gregory (copied from www.edistoriver.org)

The Edisto River Basin is located in South Carolina. The Edisto River Basin is the world's longest free-flowing "blackwater" stream which encompasses twelve counties, including much of the midlands and Lowcountry areas of South Carolina. The blackwater refers to the tannic acids from the trees and vegetation around the river. The peaceful rate of flow making it ideal for paddling enthusiasts of all skill levels. Our group is officially the Edisto River Canoe & Kayak Trail Commission. The commission is a group of volunteers committed to the preservation of the Edisto River, educating people on safe paddling, and emphasizing the enjoyment of paddling. All instructors are American Canoe Association certified. Visit www.edistoriver.org for information.

3 Days for 3 Rivers, Celebrating our Waters, Ben Gregory (copied from a leaflet obtained at Naturefest on 4-21-07)

From May 31 to June 2, 2007, the Midlands will celebrate a most valuable and treasured community resource – its rivers. Join us in the 3 days for 3 rivers celebration – a diverse series of events emphasizing the historic and ongoing connection between the Midlands and its three rivers – the Saluda, the Broad, and the Congaree.

Day 1. Community Pride (Thursday, May 31). Help pickup trash along these rivers. Contact Bill Marshall 803-734-9096, or marshallb@dnr.sc.gov. **Day 2.** Fun Friday (June 1). Enjoy a scenic evening paddle on the Broad River. Contact Karen Kustafik, 803-545-3117, or kakustafik@columbiasc.net. **Day 3.** The Grand Finale (Saturday, June 2). Celebrate the grand opening of the Congaree River Blue Trail, the nation's first paddle trail to be given the Blue Trail designation by American Rivers. Ceremonies begin at the West Columbia Riverwalk amphitheatre at 10 am. Then be part of the Congaree River Blue Trail's maiden voyage and enjoy a 4-mile paddle. Return to the West Columbia amphitheater for live music, food, and fun. Contact Patrick Moore, 803-771-7750, or patrickm@sccl.org.

Cogongrass, Ben Gregory

Cogongrass, *Imperata cylindrica* (L.) Beauv. (Family Poaceae), is a particularly noxious and invasive weed. Clemson University is looking for your help to eliminate this Asian pest, which spreads through wind-blown seeds and rhizomes. Once established, cogongrass can choke out native plants, destroy sources of wildlife food, and raise the potential for forest fires. This invasive plant has been confirmed in Aiken, Allendale, Anderson, Beaufort, Charleston, Colleton, and Pickens Counties. When the plant blooms (anywhere from April through June), it puts on a showy display of white, fluffy seed-heads. Many people find this grass attractive, and some dig it up for home gardens. If you see this plant, please contact Dr. George Kessler, 864-656-4836, gksslr@clemson.edu. This article is based on a Clemson Media Relations internet publication. I thank Janie Marlow for bringing this matter to my attention. For pictures of cogongrass, google: <http://plants.usda.gov/java/profile?symbol=IMCY>.