



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

July 2007

Hi again,

We had a great turnout of over 30 people on this trip into the southwestern edge of the Sumter National Forest in Laurens County. The weather was very hot and dry, but as always we endured because of our common love of exploring the natural world. Actually, most of our excursions were under the shaded cover of hardwood and pine forests so that moderated the exposure one would feel when you stepped out on a clearing or gravel road.

Dr. Doug Raynor from Wofford College led us over some beautiful wooded hillsides and down deep coves and ravines that inclined steeply toward the Enoree River, a walk that also gave us a physical workout. The geology that underlies this region according to USDA geologic map is composed of Ordovician/Carboniferous, metamorphosed sedimentary and igneous rocks, some of which we saw exposed in the steep hillsides (and sat on for lunch) over the streams that flow into the river. The soils are basic which influence the ecology of the plant life. This north facing complex of hillsides are covered with a mixture of mature hardwoods, perennials including a unique one we sought out with the amusing name, for many of us who recall a TV detective named "Columbo" (*Frasera caroliniensis* or *swertia* in Radford's pg 842 in the Gentianaceae family) The mature plants before they bloom have a whorled candelabra appearance and graced the side of one the upper slopes we climbed to above a steep ravine.

In one of the partially dry streams we explored, Sudie Davis found a beautiful Red Salamander that had unfortunately recently died as evident by its non-decomposed condition. There were songsters above us like Yellow billed Cuckoos, Northern Parula, Hooded Warbler, Red-eyed Vireo, Wood Thrush and Kentucky Warblers. Below us were numerous beautiful colored bee flies and other Diptera, Daddy-long legs, moths and butterflies like underwings and Creole Pearly Eyes. There will be a large flora fauna list in our next newsletter reflecting the abundance of this well-preserved site that the US Forest Service maintains.

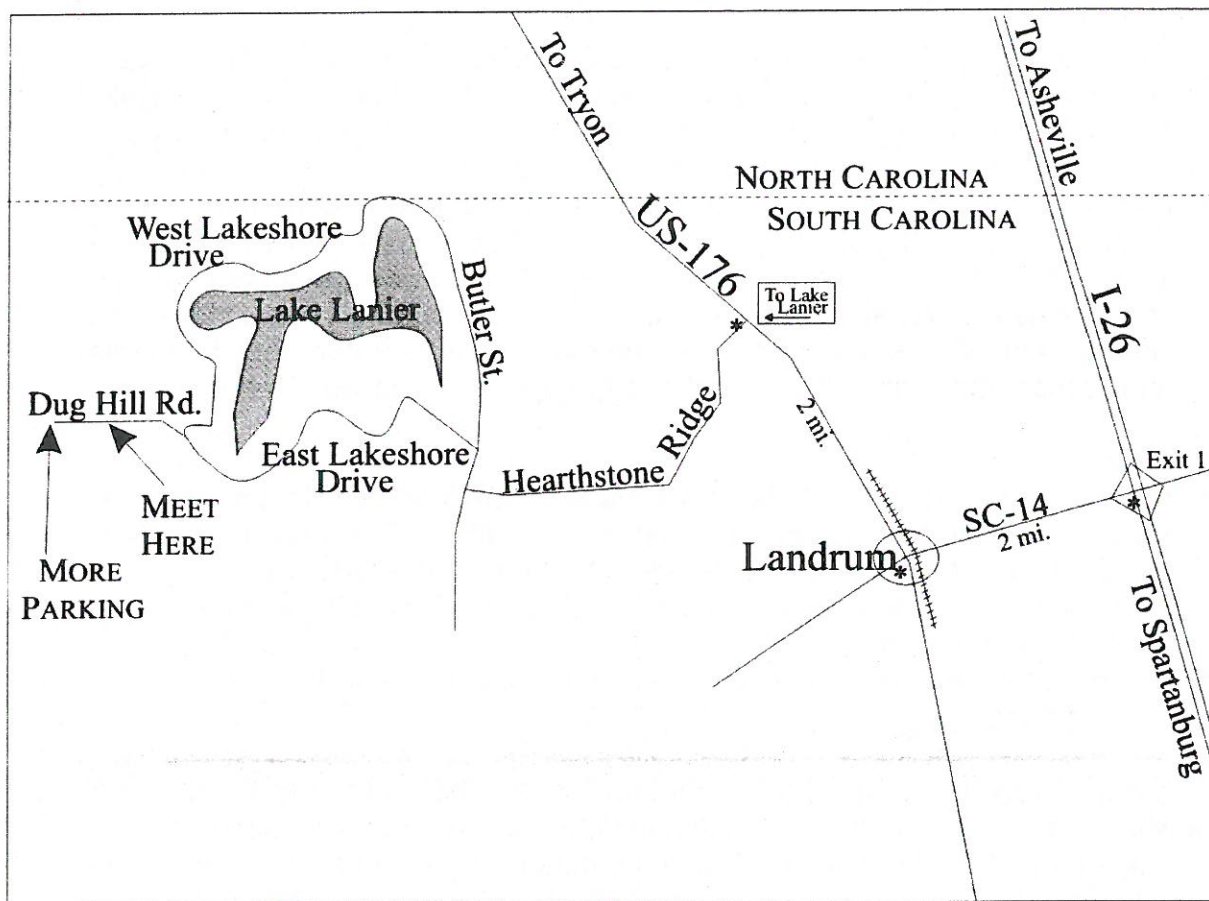
Doug took some of our group to view some small deer proof enclosures that are to monitor the native plant life that can exist when not overgrazed by deer, a situation he feels would be helped by advocating vigorous management of the population of these mammals in our forest lands. Many of us saw old gravestones in relatively good condition dating from the early 1800's on our way uphill to the parking lot, attesting to those who spent a more rugged existence at home near the places we explored. We found an old beech tree with initials carved dating back to the 50's.

It was another great day to be with fellow SCAN friends and ended at a popular local restaurant, Blue Ocean Seafood, at exit 52 on I-26. I highly recommend the broiled salmon! I hope you will join us again this month at the Blue Wall Passage of the Palmetto Trail near Landrum. Thanks to Dr. Raynor for leading us and to Sam and Eva Pratt for their work on the last trip, this one and the upcoming outing. Thanks to all of you for what you do to keep SCAN a viable association.

Jules Fraytet /President

Nature Conservancy's Blue Wall Preserve
Greenville County, SC
July 28, 2007, 10:30 AM
 (Eva & Sam Pratt)

This will be our Play Day of mid-summer in the Foothills. If anyone wants a strenuous hike, the trail is 3.2 miles (one way) and continues on up to connect at Vaughn's Gap, close to 3000 feet, with the Palmetto Trail. Many of us will be quite happy with the beginning of the trail, an old roadbed with edges that are becoming more interesting as it's protected, that leads to Twin Ponds below Hogback Mountain. Diana butterflies have been found along this part of the trail. **Directions:** From I-26 take Exit #1, State Highway 14 west toward Landrum. Turn right (north) on Highway 176 just past the railroad tracks. Go about two miles and turn left at the entrance to Lake Lanier on Lakeshore Drive. Go over the bridge and follow West Lakeshore Drive around the lake until you come to Dug Hill Road. The entrance to Blue Wall Preserve will be on your left off Dug Hill Road. (Lake Shore Drive will take you around the lake; you may go either way, but going west is two miles to our meeting place, going east is four.) My cell phone #864-590-2075. Eva and Sam



SAVE Stumphouse Mountain and Issaqueena Falls

A developer is trying to purchase almost 1,000 acres of Stumphouse Mountain (SM). SC and The Nature Conservancy are fighting to protect this area and need your help. SM is the view of the Blue Ridge as motorists drive along Hwy 28 through Mountain Rest (Oconee County, SC) toward the NC border. The area contains extensive hardwood forest, extensive wildflower diversity, habitat for migrating songbirds, caves, the rare Rafinesque's big-eared bat, and numerous salamander species. SM protects the headwater to Cane Creek, which flows directly into Lake Keowee. Issaqueena Falls is over 100 ft and visible across the gorge along Hwy 28. The City Of Walhalla manages a park at the fall's top, but the actual falls are on the salable land. Rich ethnohistory abounds. The SCDNR is seeking a Heritage Preserve. <http://www.nature.org/wherewework/northamerica/states/southcarolina/preserves/art21478.html>

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)

Pacolet Falls – Henderson Co., NC – May 26, 2007

This list was produced by SCAN from sightings supplied by SCAN members and is subject to revision as needed. An asterisk (*) 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.

FLORA

Shining Clubmoss
Huperzia lucidula

Rattlesnake Fern; Sang-find
Botrypus virginianus

Northern Maidenhair Fern
Adiantum pedatum

Broad Beech Fern
Phegopteris hexagonoptera

New York Fern
Thelypteris noveboracensis

Southern Lady Fern
Athyrium asplenoides

Christmas Fern
Polystichum acrostichoides

Eastern Hemlock
Tsuga canadensis

Jack-in-the-pulpit
Arisaema triphyllum

Appalachian Sedge
* *Carex appalachica*

Kral's Sedge
Carex kraliana

Sedge
Carex laxiculmis

Sedge
Carex virescens

Hill Cane
Arundinaria appalachiana

Orchard Grass
Dactylis glomerata

Speckled Wood-lily
Clintonia umbellulata

Carolina Lily
Lilium michauxii

Indian Cucumber-root
Medeola virginiana

Yellow Mandarin
Prosartes lanuginosa

Perfoliate Bellwort
Uvularia perfoliata

Bellwort
Uvularia puberula

False Solomon's-seal
Maianthemum racemosum racemosum

Solomon's-seal
Polygonatum biflorum

Catesby's Trillium
Trillium catesbaei

Sweet Betsy
Trillium cuneatum

Large-flowered Trillium
Trillium grandiflorum

Southern Nodding Trillium
Trillium rugelii

Sweet White Trillium
Trillium simile

Vasey Trillium
Trillium vaseyi

Dwarf Crested Iris
Iris cristata

Common Greenbrier
Smilax rotundifolia

Whorled Wild Yam
Dioscorea quaternata

Pink Lady's-slipper
Cypripedium acaule

Showy Orchis
Galearis spectabilis

Downy Rattlesnake-orchid
Goodyera pubescens

Small Green Wood Orchid
Platanthera clavellata

Tulip-tree
Liriodendron tulipifera

Cucumber-tree
Magnolia acuminata

Fraser Magnolia
Magnolia fraseri

Common Pawpaw
Asimina triloba

Sweet-shrub
Calycanthus floridus

Spicebush
Lindera benzoin

Sassafras
Sassafras albidum

French Broad Heartleaf
Hexastylis rhombiformis

Large-flower Heartleaf
Hexastylis shuttleworthii shuttleworthii

Common Black-cohosh
Actaea racemosa

Sharp-lobed Hepatica
Anemone acutiloba

Round-lobed Hepatica
Anemone americana

Mountain Meadow-rue
Thalictrum clavatum

Early Meadow-rue
Thalictrum dioicum

Yellowroot
Xanthorhiza simplicissima

Common Blue Cohosh
Caulophyllum thalictroides

May-apple
Podophyllum peltatum

Moonseed
Menispermum canadense

Bloodroot
Sanguinaria canadensis

Sycamore
Platanus occidentalis occidentalis

Witch-hazel
Hamamelis virginiana

Red Mulberry
Morus rubra

Wood-nettle
Laportea canadensis

European Stinging Nettle
Urtica dioica

Mockernut Hickory
Carya alba

Red Hickory
Carya ovalis

Black Walnut
Juglans nigra

American Chestnut
Castanea dentata

American Beech
Fagus grandifolia

White Oak
Quercus alba

Rock Chestnut Oak
Quercus montana

Red Oak
Quercus rubra

Tag Alder
Alnus serrulata

Sweet Birch
Betula lenta lenta

American Hornbeam
Carpinus caroliniana

American Hazelnut
Corylus americana

Common Pokeweed
Phytolacca americana

Mountain Basswood
Tilia americana heterophylla

Tall White Violet
Viola Canadensis canadensis

Halberd-leaf Violet
Viola hastata

Mountain Sweet

Pepperbush
Clethra acuminata

Mountain Laurel; Mountain Ivy
Kalmia latifolia

Mountain Doghobble
Leucothoe fontanesiana

Sourwood
Oxydendrum arboreum

Carolina Rhododendron
* *Rhododendron carolinianum*

White Rosebay; Great Laurel
Rhododendron maximum

Southern Highbush

Blueberry
Vaccinium formosum

Galax
Galax urceolata

Silverbell
Halesia tetraptera

Horsesugar; Sweetleaf
Symplocos tinctoria

Whorled Loosestrife
Lysimachia quadrifolia

Snowy Hydrangea
Hydrangea radiata

Appalachian False Goat's-beard
Astilbe biternata

Foamflower
Tiarella cordifolia

Downy Serviceberry
Amelanchier arborea

Eastern Goat's-beard
ArunCUS dioicus dioicus

Mountain Indian-physic
Gillenia trifoliata

Black Cherry
Prunus serotina serotina

Multiflora Rose
Rosa multiflora

Red Raspberry
* *Rubus idaeus*

Japanese Spiraea
Spiraea japonica fortunei

Hog-peanut
Amphicarpaea bracteata

Eastern Redbud
Cercis canadensis canadensis

Black Locust
Robinia pseudoacacia

Alternate-leaf Dogwood
Cornus alternifolia

Flowering Dogwood
Cornus florida

Blackgum
Nyssa sylvatica

Buffalo-nut
Pyrolaria pubera

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

American Holly
Ilex opaca opaca

Virginia-creeper
Parthenocissus quinquefolia

Racemed Milkwort
Polygala polygama polygama

Southern Sugar Maple
Acer floridanum

Striped Maple
Acer pensylvanicum

Red Maple
Acer rubrum

Sugar Maple; Hard Maple
Acer saccharum

Yellow Buckeye
Aesculus flava

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Eastern Poison Ivy
Toxicodendron radicans radicans

Tree-of-Heaven
Ailanthus altissima

Spotted Touch-me-not
Impatiens capensis

Spikenard
Aralia racemosa

Ginseng
Panax quinquefolius

Water-hemlock
Cicuta maculata maculata

American Lovage
Ligusticum canadense

Bland Sweet Cicely
Osmorhiza claytonii

Anise-root
Osmorhiza longistylis

Sanicle; Snakeroot
Sanicula canadensis

Clustered Sanicle
Sanicula odorata

Southern Sanicle
Sanicula smallii

Meadow-parsnip
Thaspium trifoliatum aureum

Pennywort
Obolaria virginica

Fourleaf Milkweed
Asclepias quadrifolia

Common Periwinkle
Vinca minor

Wild Comfrey
Cynoglossum virginianum virginianum

Northern Horsebalm
Collinsonia canadensis

Whorled Horsebalm
Collinsonia verticillata

Common Skullcap
Scutellaria integrifolia

White Turtlehead
Chelone glabra

White Ash; American Ash
Fraxinus americana

Squawroot
Conopholis americana

Princess Tree; Empress Tree
Paulownia tomentosa

Forest Bedstraw
Galium circaezans

Wideleaf Bedstraw
Galium latifolium

Bedstraw
Galium pilosum

Summer Bluet
Houstonia purpurea

Appalachian Bluet
Houstonia serpyllifolia

Partridge-berry
Mitchella repens

Japanese Honeysuckle
Lonicera japonica

Common Elderberry
Sambucus canadensis

Mapleleaf Viburnum
Viburnum acerifolium

White Snakeroot
Ageratina altissima

Pale Indian-plantain
Arnoglossum atriplicifolium

Broadleaf Coreopsis
Coreopsis latifolia

Robin's-plantain
Erigeron pulchellus pulchellus

FAUNA

Black Carpenter Ant
Camponotus pennsylvanicus

Horse Fly
** Tabanus trimaculatus*

Gray Petaltail (dragonfly)
Tachopteryx thoreyi

Common Whitetail
Plathemis lydia

Green Tiger Beetle
Cicindela sexguttata

Patent-leather Beetle
Odontotaenius disjunctus

Flower Scarab Beetle
** Valgus seticollis*

Jewel Beetle
Agrius egenus

Net-winged Beetle
Caenia dimidiata

Soldier Beetle
Chauliognathus marginatus

Soldier Beetle
Podabrus rugosulus

Dermestid Beetle
Anthrenus verbasci

Leaf-mining Leaf Beetle
Sumitrosis inaequalis

Billbug (Weevil)
** Sphenophorus venatus vestitus*

Eastern Tiger Swallowtail
Papilio glaucus

Great Spangled Fritillary
Speyeria cybele

Pearl Crescent (butterfly)
Phyciodes tharos

Silver-spotted Skipper
Epargyreus clarus

Eastern Newt
Notophthalmus viridescens

B.R. Graycheek Salamander
Plethodon amplus

Cope's Gray Treefrog
Hyla chrysoscelis

Eastern Box Turtle
Terrapene carolina

Red-shouldered Hawk
Buteo lineatus

American Crow; Common Crow
Corvus brachyrhynchos

Tufted Titmouse
Parus bicolor

Carolina Chickadee
Parus carolinensis

American Robin
Turdus migratorius

White-eyed Vireo
Vireo griseus

Red-Eyed Vireo
Vireo olivaceus

Black-throated Green Warbler
Dendroica virens

Hooded Warbler
Wilsonia citrina

Northern Cardinal
Cardinalis cardinalis

SCAN Photo Webpage or Bust! Ben Gregory

We need a webpage where we can share nature photos. I am asked frequently if SCAN has a webpage where members can go to share, to view, and to save photos. There are many excellent photographers in SCAN, and we should enjoy viewing their beautiful photographs. We need a dedicated space for our photo webpage on someone's computer or we need to setup a free account at mspace.com (i.e., My Space, or 'Our' Space). With the former, we need someone to create our webpage and someone to maintain this page periodically. With the latter, we need someone to setup our webpage at mspace.com and someone to maintain this page periodically. SCAN publishes a book about every ten years, and we always need photos for our books. With regard to a book, Virginia Winn states that images be at least 4x6, or larger, @ 300 dpi or higher; Virginia does professional book layouts. Relative to our webpage, photo size may vary. I can gather more information about picture size and quality. I would very much enjoy your feedback regarding this project. Are there any volunteers? (scan_editor_brg@bellsouth.net, or 704-372-8532)

Websites to explore.

<http://www.discoverlife.org/>
<http://www.nature.com/index.html>
<http://hgic.clemson.edu/pests.htm>

<http://plants.usda.gov/>
<http://www.bugwood.org/>
<http://www.dnr.sc.gov/geology/>

<http://www.insectimages.org/>
<http://www.usna.usda.gov/>
<http://www.hiltonpond.org/>