



# SCAN

The South Carolina Association of Naturalists

Post Office Box 5651, Columbia, South Carolina 29250-5651

May 5, 2001

Dear SCAN Memebers,

We enjoyed three very delightful trips in April. The lack of rain in our area is a serious problem, but we have benefited from it by having great weather for our SCAN outings. On April 7 we visited Forty Acre Rock for our President's Special. In spite of the dry weather, there was enough water to fill some of the vernal pools and provide habitat for the rare rock-outcrop species. The red sedum and yellow Groundsel were blooming beautifully, as were many woodland wildflowers on the trail down toward the beaver pond.

Our regular April trip was an overnight to the mountains of TransylvaniaCounty, NC and nearby Greenville County, SC. On Saturday we visited a new area for SCAN, the Dupont State Forest. This forest is full of trails, and would provide ample territory for several days of exploration. We hiked to some beautiful waterfalls and enjoyed the songs of numerous warblers and other birds newly returned to their nesting grounds. Later in the afternoon, several of us took advantage of the invitation of Regional Directors Ed Ruppert and Jennifer Frick to visit their mountain cabin near Balsam Grove, NC. Here we explored their meadows, orchards, and ponds before taking the short hike up to the cabin in the woods. We were entranced by the beautiful cabin Ed and Jennifer built entirely with hand tools, and we also enjoyed sharing some of the fruits of their garden with them on the deck outside!

When we originally scheduled Sunday's trip to Jones Gap State Park, some folks commented that we were sure to break South Carolina's drought, since it always seems to rain on SCAN at this park. Alas, though, this time it was not to be, and we enjoyed weather just as delightful on Sunday as it had been on Saturday. The habitat we hiked through was quite a bit different from what we'd experienced the day before; at Jones Gap, we were at a lower elevation and in a much more mesic forest for the most part. We saw more diversity among the plant life, including many of the typical mountain wildflowers in bloom.

Ed and Jennifer, we thank you for your hospitality as well as the great trips you planned for us!

**NOTE:** There will be no President's Special in June due to work commitments of the President that month. Look for a trip to be scheduled later.

Your President,  
Mary G. Douglass

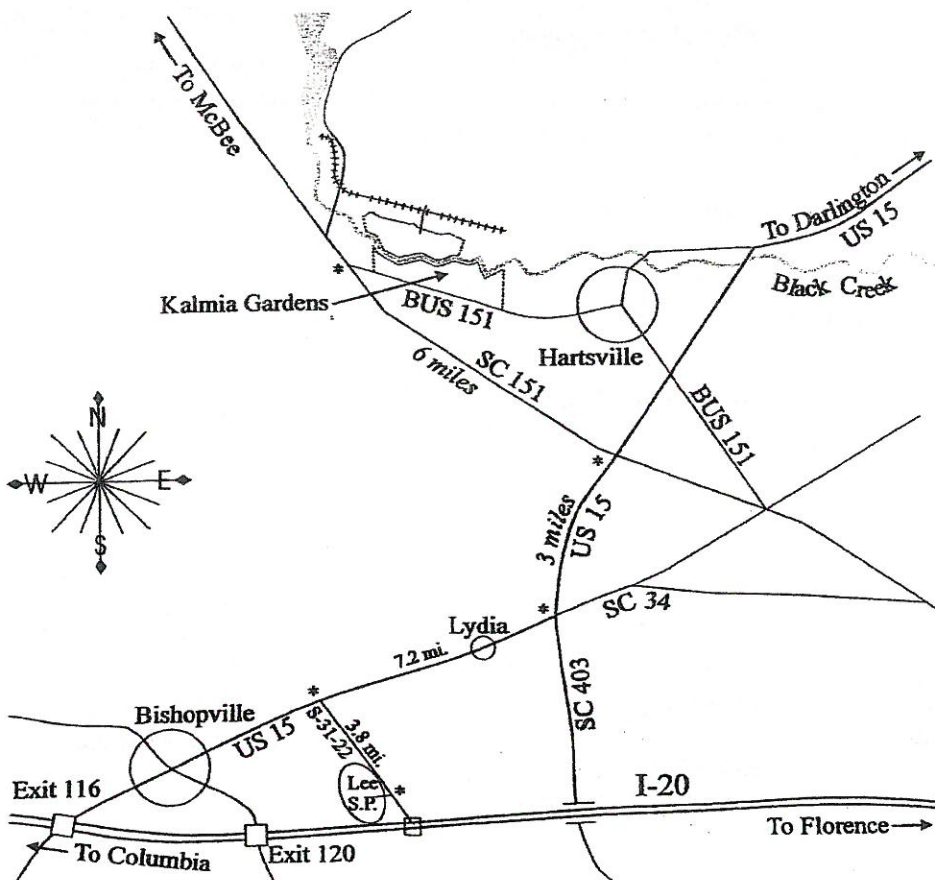
**MAY 26, 2001**  
**KALMIA GARDENS, DARLINGTON COUNTY**  
**and**  
**LEE STATE PARK, LEE COUNTY**

The next SCAN fieldtrip will be a double-header. In the morning we'll wander along a shady boardwalk near Black Creek in Kalmia Gardens, hoping to see nesting prothonotary warblers, turtles, snakes, and other swamp critters, as well as lowland plants. Then after lunch we'll move to Lee State Park where the naturalist will let us wade in shallow water to study wetland plants and insects (wading boots may be borrowed at the park).

Meet at 10:30 in the parking lot at Kalmia Gardens. Bring lunch and plenty of wet stuff to drink, insect repellent, and your own boots and insect nets if you wish; wear something that you won't mind getting mud-splashed. We'll eat near the parking lot; restrooms are handy. For further info, call Janet Ciegler, regional director, at 803-796-2862 ([ciegler@infi.net](mailto:ciegler@infi.net)).

**To Kalmia Gardens:** From Columbia, take I-20 to exit 116; follow US-15 through Bishopville and Lydia. Stay on US-15 where it turns left, go 3.0 more miles and turn left onto SC-151. Go 6 miles, then make a sharp right turn onto Business 151. Kalmia Gardens is on the left, through a wrought-iron gate. Or, from SC-151, you may turn right at the sign "Kalmia Gardens" which brings you out immediately across the street from the entrance gate.

**From Kalmia Gardens to Lee State Park:** Backtrack to SC 151 just the way you came in, then turn right onto US-15. Go 3 miles to the right turn (still on US-15), and then 7.2 more miles. At the sign for Lee State Park, turn left onto county road 22 and go 3.8 miles further to the park entrance. Once in the park, drive to the 3-way intersection; turn left and meet in the parking lot near the nature center.



Dupont State Forest  
Transylvania County, NC  
April 28, 2001

### Lichens

*Leptogium austroamericanum*  
*Leptogium cyanescens*  
*Pannaria tavaresii*  
*Pseudocyphellaria aurata*  
*Pseudocyphellaria crocata*  
*Sticta beauvoisii*  
*Graphis scripta*  
*Graphis sp.*  
*Pyrrhospora varians*  
*Stereocaulon dactylophyllum*  
*Cladonia chlorophaea*  
*Cladonia coniocraea*  
*Cladonia cristatella*  
*Cladonia cylindrica*  
*Cladonia didyma*  
*Cladonia furcata*  
*Cladonia gracilis*  
*Cladonia polycarpoides*  
*Cladonia peziziformis*  
*Cladonia cervicornis subsp.*  
*cervicornis*  
*Pycnothelia papillaria*  
*Dibaeis baeomyces*  
*Lasallia papulosa*  
*Pertusaria amara*  
*Pertusaria subpertusa*  
*Pertusaria waghornei*  
*Pertusaria macounii*  
*Pertusaria multipunctoides*  
*Pertusaria sp.*  
*Lecanora varia*  
*Lecanora hybocarpa*  
*Lecanora argentata*  
*Lecanora sp.*  
*Anzia colpodes*  
*Hypogymnia krogiae*  
*Hypogymnia physodes*  
*Hypotrachyna livida*  
*Hypotrachyna osseoalba*  
*Menegazzia terebrata*  
*Parmelina horrescens*  
*Parmotrema arnoldii*  
*Parmotrema crinitum*  
*Parmotrema hypotropum*  
*Parmotrema michauxianum*  
*Parmotrema perforatum*  
*Xanthoparmelia subramigera*  
*Flavoparmelia baltimorensis*  
*Flavoparmelia caperata*  
*Canoparmelia caroliniana*

*Punctelia rudecta*  
*Melanelia exasperata*  
*Imshaugia aleurites*  
*Rimelia reticulata*  
*Tuckermannopsis ciliaris*  
*Alloctetraria okesiana*  
*Vulpicida pinastri*  
*Ramalina americana*  
*Usnea ceratina*  
*Usnea mutabilis*  
*Usnea rubicunda*  
*Usnea strigosa*  
*Usnea subfloridana*  
*Usnea subfusca*  
*Usnea trichodea*  
*Anaptychia palmulata*  
*Buellia caloosensis*  
*Buellia curtisii*  
*Heterodermia albicans*  
*Heterodermia leucomelos*  
*Phaeophyscia rubropulchra*  
*Amandinea punctata*  
*Porpidia albocaerulescens*  
*Porpidia crustulata*  
*Porpidia flavocaerulescens*  
*Ochrolechia yasudae*  
*Dermatocarpon miniatum*  
*Thelidium sp.*  
*Trypethelium mastoideum*  
*Leproloma membranaceum*  
*Chrysothrix candelaris*

### Flora

Shining Clubmoss  
*Lycopodium lucidulum*  
  
Groundpine  
*Lycopodium obscurum*  
  
Running-pine  
*Lycopodium flabelliforme*  
  
American Climbing Fern  
*Lygodium palmatum*  
  
Maidenhair Fern  
*Adiantum pedatum*  
  
Bracken  
*Pteridium aquilinum*  
  
Southern Lady Fern  
*Athyrium asplenoides*  
  
Fancy Fern  
*Dryopteris intermedia*

Christmas Fern  
*Polystichum acrostichoides*  
  
New York Fern  
*Thelypteris noveboracensis*  
  
Netted Chain Fern  
*Woodwardia areolata*  
  
Mountain Spleenwort  
*Asplenium montanum*  
  
Rock Cap Fern  
*Polypodium virginianum*  
  
White Pine  
*Pinus strobus*  
  
Virginia Pine; Scrub Pine  
*Pinus virginiana*  
  
Eastern Hemlock  
*Tsuga canadensis*  
  
Woodrush  
*Luzula acuminata*  
  
Greenbrier  
*Smilax ecirrhata biltmoreana*  
  
Painted Trillium  
*Trillium undulatum*  
  
Indian Cucumber-root  
*Medeola virginiana*  
  
False Solomon's Seal  
*Smilacina racemosa*  
  
Solomon's-seal  
*Polygonatum biflorum*  
  
Bellwort  
*Uvularia sessilifolia*  
  
Dwarf Iris  
*Iris verna*  
  
Pink Lady's-slipper  
*Cypripedium acaule*  
  
Downy Rattlesnake-plantain  
*Goodyera pubescens*

Mockernut Hickory <i>Carya tomentosa</i>	Alumroot <i>Heuchera americana</i>	Mountain Sweet Pepperbush <i>Clethra acuminata</i>
Shagbark Hickory <i>Carya sp.</i>	Sweet-gum <i>Liquidambar styraciflua</i>	Spotted Wintergreen <i>Chimaphila maculata</i>
Tag Alder <i>Alnus serrulata</i>	Witch-hazel <i>Hamamelis virginiana</i>	Rosebay; Great Laurel <i>Rhododendron maximum</i>
Cherry Birch <i>Betula lenta</i>	Five-fingers <i>Potentilla canadensis</i>	Dog-hobble <i>Leucothoe axillaris editorum</i>
Beech <i>Fagus grandifolia</i>	Red Chokeberry <i>Sorbus arbutifolia</i>	Sourwood <i>Oxydendrum arboreum</i>
American Chestnut <i>Castanea dentata</i>	Downy Serviceberry <i>Amelanchier arborea</i>	Trailing-arbutus <i>Epigaea repens</i>
White Oak <i>Quercus alba</i>	Black Locust <i>Robinia pseudo-acacia</i>	Deerberry; Squaw-huckleberry <i>Vaccinium stamineum</i>
Rock Chestnut Oak <i>Quercus prinus</i>	Poison-ivy <i>Rhus radicans</i>	Galax; Galaxy; Coltsfoot <i>Galax aphylla</i>
Red Oak <i>Quercus rubra</i>	American Holly <i>Ilex opaca</i>	Whorled Loosestrife <i>Lysimachia quadrifolia</i>
Spanish Oak <i>Quercus falcata</i>	Striped Maple <i>Acer pensylvanicum</i>	Horse-sugar; Sweetleaf <i>Symplocos tinctoria</i>
Buffalo-nut <i>Pyrularia pubera</i>	Red Maple <i>Acer rubrum</i>	Carolina Silverbell <i>Halesia carolina</i>
Heartleaf <i>Hexastylis sp.</i>	Summer Grape <i>Vitis aestivalis</i>	Woolly Mullein <i>Verbascum thapsus</i>
Yellowroot <i>Xanthorhiza simplicissima</i>	Sweet White Violet <i>Viola blanda</i>	Partridge-berry <i>Mitchella repens</i>
Windflower <i>Thalictrum thalictroides</i>	Halberd-leaved Violet <i>Viola hastata</i>	Bluets <i>Houstonia serpyllifolia</i>
Tulip-poplar <i>Liriodendron tulipifera</i>	<i>Viola sororia</i>	Wild-raisin; Witherod <i>Viburnum cassinoides</i>
Umbrella-tree <i>Magnolia fraseri</i>	<i>Viola soroia</i>	Arrowwood <i>Viburnum dentatum lucidum</i>
Sweet-shrub; Carolina-allspice <i>Calycanthus floridus</i>	Cow-bane Oxypolis rigidior	American Elderberry <i>Sambucus canadensis</i>
Sassafras <i>Sassafras albidum</i>	Flowering Dogwood <i>Cornus florida</i>	Prenanthes Prenanthes sp.
Wild Hydrangea <i>Hydrangea arborescens</i>	Silky Dogwood <i>Cornus amomum</i>	Rattlesnake-weed <i>Hieracium venosum</i>

Dwarf Dandelion  
*Krigia sp.*

Ragwort  
*Senecio aureus*

Pussy-toes  
*Antennaria solitaria*

Robin's-plantain  
*Erigeron pulchellus*

Coneflower  
*Rudbeckia laciniata*

### Fauna

River Horn Snail  
*Elimia sp.*

Bowl-and-doily Spider  
*Frontinella pyramitela*

Red Velvet Mite  
*Trombidium sp.*

Sulfur-winged Grasshopper  
*Arphia sulphurea*

Pipe-organ Wasp  
*Trypoxylon politum*

Carpenter Bee  
*Xylocopa virginica*

Cranefly  
*Tipula sp.*

Stream Cruiser (dragonfly)  
*Didymops transversa*

Green Tiger Beetle  
*Cicindela sexguttata*

June Beetle  
*Phyllophaga sp.*

Round-necked Longhorn Beetle  
*Molorchus bimaculatus*

Flower Longhorn Beetle  
*Grammoptera sp.*

Oval Leaf Beetle  
*Spintherophyta globosa*

Flea Beetle  
*Altica sp.*

Flower Weevil  
*Centrinaspis sp.*

Black Swallowtail  
*Papilio polyxenes asterius*

Eastern Tiger Swallowtail  
*Papilio glaucus*

Sleepy Orange (butterfly)  
*Eurema nicippe*

American Lady (butterfly)  
*Vanessa virginiensis*

Silver-spotted Skipper  
*Epargyreus clarus*

Juvenal's Duskywing  
*Erynnis juvenalis*

Treefrog  
*Hyla sp.*

Turkey Vulture  
*Cathartes aura*

*Buteo*

Pileated Woodpecker  
*Dryocopus pileatus*

Eastern Phoebe  
*Sayornis phoebe*

Blue Jay  
*Cyanocitta cristata*

Tufted Titmouse  
*Parus bicolor*

White-breasted Nuthatch  
*Sitta carolinensis*

Carolina Wren  
*Thryothorus ludovicianus*

Blue-gray Gnatcatcher  
*Polioptila caerulea*

Solitary Vireo  
*Vireo solitarius*

Red-Eyed Vireo  
*Vireo olivaceus*

Northern Parula  
*Parula americana*

Black-throated Green Warbler  
*Dendroica virens*

Hooded Warbler  
*Wilsonia citrina*

Louisiana Waterthrush  
*Seiurus motacilla*

Ovenbird  
*Seiurus aurocapillus*

Indigo Bunting  
*Passerina cyanea*

Scarlet Tanager  
*Piranga olivacea*

American Goldfinch  
*Carduelis tristis*

Beaver (gnaw mark)  
*Castor canadensis*

Jones Gap State Park  
Greenville County, SC  
April 29, 2001

## Flora

Rattlesnake Grape Fern  
*Botrychium virginianum*

Maidenhair Fern  
*Adiantum pedatum*

Southern Lady Fern  
*Athyrium asplenoides*

Christmas Fern  
*Polystichum acrostichoides*

Broad Beech-Fern  
*Thelypteris hexagonoptera*

New York Fern  
*Thelypteris noveboracensis*

White Pine  
*Pinus strobus*

Eastern Hemlock  
*Tsuga canadensis*

Cane; Switch Cane  
*Arundinaria gigantea*

Jack-in-the-pulpit  
*Arisaema triphyllum*

Sawbrier; Greenbrier  
*Smilax glauca*

Little-sweet-Betsy  
*Trillium cuneatum*

Wake-robin; Red Trillium  
*Trillium erectum vaseyi*

Catesby's Trillium  
*Trillium catesbaei*

Indian Cucumber-root  
*Medeola virginiana*

False Solomon's Seal  
*Smilacina racemosa*

Yellow Mandarin  
*Disporum lanuginosum*

Solomon's-seal  
*Polygonatum biflorum*

Bellwort  
*Uvularia pudica*

Bellwort  
*Uvularia sessilifolia*

Wild Yam  
*Dioscorea villosa villosa*

Crested Iris  
*Iris cristata*

Downy Rattlesnake-plantain  
*Goodyera pubescens*

Crane-fly Orchid  
*Tipularia discolor*

Tag Alder  
*Alnus serrulata*

Cherry Birch  
*Betula lenta*

Beech  
*Fagus grandifolia*

American Chestnut  
*Castanea dentata*

White Oak  
*Quercus alba*

Rock Chestnut Oak  
*Quercus prinus*

Red Oak  
*Quercus rubra*

Wood-nettle  
*Laportea canadensis*

Buffalo-nut  
*Pyrularia pubera*

Wild Ginger  
*Hexastylis shuttleworthii*

Giant Chickweed  
*Stellaria pubera*

Yellowroot  
*Xanthorhiza simplicissima*

Windflower  
*Thalictrum thalictroides*

Meadow-rue  
*Thalictrum clavatum*

Windflower  
*Anemone quinquefolia*

Mayapple  
*Podophyllum peltatum*

Tulip-poplar  
Liriodendron tulipifera  
Umbrella-tree  
*Magnolia fraseri*

Cucumber-tree  
*Magnolia acuminata*

Dwarf PawPaw  
*Asimina parviflora*

Sweet-shrub; Carolina-allspice  
*Calycanthus floridus*

Sassafras  
*Sassafras albidum*

Bloodroot  
*Sanguinaria canadensis*

Mock-orange  
*Philadelphus inodorus*

Wild Hydrangea  
*Hydrangea arborescens radiata*

Foamflower  
*Tiarella cordifolia*

Sweet-gum  
*Liquidambar styraciflua*

Witch-hazel  
*Hamamelis virginiana*

Five-fingers  
*Potentilla canadensis*

Alchemilla  
*Alchemilla microcarpa*

Goat's-beard  
*Aruncus dioicus*

Black Cherry; Wild Cherry  
*Prunus serotina*

Redbud; Judas-tree  
*Cercis canadensis*

Black Locust  
*Robinia pseudo-acacia*

Poison-ivy  
*Rhus radicans*

American Holly  
*Ilex opaca*

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

Striped Maple  
*Acer pensylvanicum*

Red Maple  
*Acer rubrum*

Yellow Buckeye  
*Aesculus octandra*

Virginia-creeper  
*Parthenocissus quinquefolia*

Muscadine; Bullace  
*Vitis rotundifolia*

Summer Grape  
*Vitis aestivalis*

Basswood; Linden  
*Tilia americana*

Basswood; Linden  
*Tilia sp.*

Sweet White Violet  
*Viola blanda*

Halberd-leaved Violet  
*Viola hastata*

Long-spurred Violet  
*Viola rostrata*

Spikenard  
*Aralia racemosa*

Snakeroot  
*Sanicula sp.*

Alternate-leaved Dogwood  
*Cornus alternifolia*

Spotted Wintergreen  
*Chimaphila maculata*

Rosebay; Great Laurel  
*Rhododendron maximum*

Carolina-laurel  
*Rhododendron minus*

Mountain-laurel  
*Kalmia latifolia*

Dog-hobble  
*Leucothoe axillaris editorum*

Sourwood  
*Oxydendrum arboreum*

Galax; Galaxy; Coltsfoot  
*Galax aphylla*

Carolina Silverbell  
*Halesia carolina*

Green Ash  
*Fraxinus pennsylvanica*

Ash  
*Fraxinus sp.*

Blue-star  
*Amsonia tabernaemontana*

Lousewort  
*Pedicularis canadensis*

Cross Vine  
*Anisostichus capreolata*

Trumpet Vine  
*Campsis radicans*

Beech-drops  
*Epifagus virginiana*

Squaw-root  
*Conopholis americana*

Broomrape  
*Orobanche uniflora*

Partridge-berry  
*Mitchella repens*

Bluets  
*Houstonia serpyllifolia*

Maple-leaf Viburnum  
*Viburnum acerifolium*

Common Dandelion  
*Taraxacum officinale*

Pale Indian-plantain  
*Cacalia atriplicifolia*

### **Fauna**

Forest Disk Snail  
*Anguispira alternata*

Orchard Spider  
*Leucauge venusta*

Brownish-gray Fishing Spider  
*Dolomedes tenebrosus*

Red Velvet Mite  
*Trombidium sp.*

Stonefly  
*Isoperla bilineata*

Witch Hazel Cone Gall (aphid)  
*Hormaphis hamamelidis*

Dobsonfly  
*Corydalis cornutus*

Woodland Ground Beetle  
*Agonum errans*

Purple Ground Beetle  
*Dicaelus purpuratus*

Scarab Beetle  
*Serica atricapilla*

June Beetle  
*Phyllophaga hirticula*

*Hoplia trifasciata*

Darkling Beetle  
*Tarpela micans*

False Ant-like Flower Beetle  
*Pedilus sp.*

Kalmia Flea Beetle  
*Altica viridana Schae.*

Zebra Swallowtail  
*Eurytides marcellus*

Eastern Tiger Swallowtail  
*Papilio glaucus*

Red-banded Hairstreak  
*Calycopis cecrops*

Silver-spotted Skipper  
*Epargyreus clarus*

Southern Cloudywing  
*Thorybes bathyllus*

Mournful Thyris Moth  
*Thyris sepulchralis*

White-dotted Prominent Moth  
*Nadata gibbosa*

Witch Hazel Leaf-roller (moth)  
*Cacoecia rosaceana*

Dusky Salamander  
*Desmognathus sp.*

Ringneck Snake  
*Diadophis punctatus*

Yellow-bellied Sapsucker (sign)  
*Sphyrapicus varius*

Eastern Phoebe  
*Sayornis phoebe*

Blue Jay  
*Cyanocitta cristata*

Tufted Titmouse  
*Parus bicolor*

Solitary Vireo  
*Vireo solitarius*

Red-Eyed Vireo  
*Vireo olivaceus*

Black-throated Green Warbler  
*Dendroica virens*

Louisiana Waterthrush  
*Seiurus motacilla*

Scarlet Tanager  
*Piranga olivacea*