June 2006 Newsletter

Hi Folks,

We had another great SCAN trip with 24 attendees showing up in the western edge of bucolic Oconee County, one of my favorite parts of the upstate. This outing on it's botanical merits alone was worth the holiday traffic drive in addition of course to having the chance again to socialize with friends who love to trek around outdoors even in 90 degree temps curious about almost every new flower or creature that appears.

Bill Sharpton of the SC Native Plant Society led us to an unusual site along SC Highway 76 under 10 miles west of Chau Ram County Park where we had met. Unusual in one way for us in that our excursion consisted of about 200 feet along the right of way of a secondary highway which had a modest amount of traffic. The unofficial name of this special place is "Sharpton's Prairie" but Bill modestly said he would rather it be just called something like the Highway 76 Remnant Prairie site. Bill and SCAN/ Native Plant Society members Karen and Wes Burnett have generously donated time and energy to documenting and preserving this place along with the other dedicated volunteers of that organization and we thank them very much for their efforts. The area is also comanaged by federal, state agencies and the Blue Ridge Electric Cooperative.

Appearances can deceive because what looked like to motorists as just a deep wide ditch adjoining a steep Sumter National Forest property is in fact loaded with herbaceous plants which are a remnant prairie ecology usually found in a much different setting. Patrick McMillan from Clemson University has inventoried this site and documented an impressive list of species; some of them are included in our attached list including Coneflower, ColicRoot, and a tall species of Meadow Rue, Indian Pink and various members of the mint and composite family. Along with the plants we heard or saw numerous birds including Prairie Warblers, Black Throated Green Warblers and Blue Grosbeaks. A few of us saw some beautiful Great Spangled Fritillaries and other leps species.

Also a few of us were brave (or foolhardy) enough to closely examine a Rattlesnake!... coiled up and curiously inactive and unconcerned about our presence..., in the heavy underbrush of the regenerating burn site above us on the hill.

After surveying this site intensely for a few hours we headed back to the county park and had lunch, a brief board meeting and continued our explorations by walking along the edge of the beautiful Chauga River. Some of us took our shoes off and cooled our feet in the cold waters of the fast flowing river and it felt wonderful. Wayne Grooms had the opportunity to experience more of the waters cooling effect as he dropped to his chest when he crossed it from the other side to join the rest of us! I wanted to go in also because it looked so refreshing and reminiscent of my enjoyable childhood memories of summer swims in similar settings. There were a number of families doing just that as they enjoyed Memorial Day picnics in the park. We also had a chance to walk some of the trails of the park above the river, which offered some welcome shade from the sun. In these areas more plants, bugs and other organisms where examined and identified. After that about a dozen of us gathered at a fish camp restaurant conveniently situated at the side of the country road that is the entrance to the park.

This month's trip will be organized by Claudia Houck, our Southern Regional Director, and led by Patrick McMillan to Craig's Pond in Barnwell County. I look forward to seeing you again on another pleasant and stimulating SCAN trip.

Jules Fraytet/SCAN President

We have had a lot of new members joining SCAN lately. If you have not received a copy of SCAN's second publication, "From Abbeville to Yemasee: SCANning South Carolina's Natural History," please ask about it on your next field trip. It is our "thank you" for joining us.

Virginia Winn/SCAN Secretary

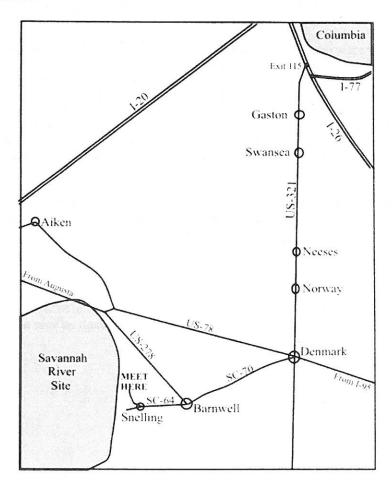
### Craig Pond Heritage Preserve Barnwell County June 24. 2006, 10:30 a.m.

This trip takes us to a county we don't get to visit frequently. It also takes us to a general habitat that is unusual. Craig Pond is adjacent to Savannah River Site, and is gated, meaning it has stayed fairly pristine. This is the largest depression meadow "in the world" according to our guide for the day, Patrick McMillan. The site covers 300 acres of depression meadow, sandhill and pocosin habitats. It is a very open, HOT area with lots of rare plants, plus lots of reptiles and amphibians to keep them company.

Depression meadows, according to Porcher and Rayner, are temporarily flooded areas usually with a clay bed under them, which have only rainwater as the source of water. The result is a herbaceous flora often maintained by fire. Some Carolina bays qualify as depression meadows including Craig Pond. This is a longleaf – turkey oak community plus the open wet meadow. Both habitats at this site have a set of uncommon to rare plants. If you have a copy of Porcher and Rayner's "Guide to South Carolina Wildflowers", suggested reading would be the section describing depression meadows in general (page 101) and Craig Pond in particular (page 442).

In planning for this trip, expect to get wet to at least your knees. It will be very open and sunny and hot, so pack lots of insect repellent, sun screen, water or liquid of choice, and your lunch. Binoculars, and perhaps a camera will enhance your experience.

**Directions:** From Columbia or I-26 head south on US 321 to Denmark, then west on SC 70 to Barnwell. From Barnwell go west on SC 64 to the small town of Snelling. In Snelling bear right at the fork to the ChemNuclear facility parking lot (end of the road on the left). Patrick McMillan will meet us there to pick up the key. He has obtained permission to take us in through their locked gates to the heritage preserve. Be there promptly...**DON'T BE LATE!** 



# Chau Ram County Park Oconee Co., SC May 27, 2006

FLORA Cinnamon Fern	Black Walnut	Trautvetteria Trautvetteria carolinensis	Black Cherry; Wild Cherry
Osmunda cinnamomea	Juglans nigra		Prunus serotina
n 15	77 A11	Thimbleweed	Mimosa; Silk-tree
Royal Fern	Tag Alder	Anemone virginiana	Albizia julibrissin
Osmunda regalis	Alnus serrulata	Mayapple	Aivizia juitorissin
spectabilis	River Birch; Red Birch	Podophyllum peltatum	Sensitive-brier
Bracken	Betula nigra	1 даорнунит ренасит	Schrankia microphylla
Pteridium aquilinum	Beiuta nigra	Tulip-poplar; Yellow-	Beni annia mieropnyna
r tertatum aquitinum	American Hornbeam;	poplar	Redbud; Judas-tree
New York Fern	Ironwood	Liriodendron tulipifera	Cercis canadensis
Thelypteris	Carpinus caroliniana	zn to wertsmert tump yet u	
noveboracensis	<u>F</u>	Bigleaf Magnolia	White Clover; Ladino
	Beech	Magnolia macrophylla	Clover
Southern Lady Fern	Fagus grandifolia		Trifolium repens
Athyrium asplenioides	3 3	Umbrella-tree	
	White Oak	Magnolia fraseri	Samson Snakeroot
Christmas Fern	Quercus alba		* Psoralea psoralioides
Polystichum		Dwarf PawPaw	eglandulosa
acrostichoides	Post Oak	Asimina parviflora	
	Quercus stellata		Crown Vetch
Shortleaf Pine		PawPaw	* Coronilla varia
Pinus echinata	Spanish Oak; Southern	Asimina triloba	
	Red Oak		Black Locust
Eastern White Pine	Quercus falcata	Sweet-shrub; Carolina-	Robinia pseudo-acacia
Pinus strobus		allspice	
	Water Oak	Calycanthus floridus	Goat's-rue
Virginia Pine; Scrub Pine	Quercus nigra	S S	Tephrosia virginiana
Pinus virginiana	17' 171	Sassafras	Community of the control of the cont
Professional Control	Winged Elm	Sassafras albidum	Groundnut
Eastern Hemlock	Ulmus alata	Bloodroot	Apios americana
Tsuga canadensis	Coordia Haakharry	Sanguinaria canadensis	Racemed Milkwort
Rush	Georgia Hackberry Celtis tenuifolia	Sangumaria canadensis	Polygala polygama
Juncus coriaceus	Cents tenutyona	Virginia-willow	1 olygulu polygumu
Juncus corraceus	Red Mulberry	Itea virginica	Flowering Spurge
Giant Cane	Morus rubra	nea vii giinea	Euphorbia corollata
Arundinaria gigantea	TIANT WELL WOLLD	Climbing-hydrangea	r
In anamar ta gigamea	Virginia Snakeroot;	Decumaria barbara	Winged Sumac
Greenbrier; Bullbrier	Birthwort		Rhus copallinum
Smilax rotundifolia	Aristolochia serpentaria	Wild Hydrangea	<u>*</u>
	<u> </u>	Hydrangea arborescens	Smooth Sumac
Fringed Greenbrier;	Heartleaf	arborescens	Rhus glabra
Bullbrier	Hexastylis arifolia		33
Smilax bona-nox	- "	Sweet-gum	Poison Oak
	Pokeweed; Pokeberry	Liquidambar styraciflua	Toxicodendron pubescens
Sawbrier; Greenbrier	Phytolacca americana		
Smilax glauca		Witch-hazel	
	Fire Pink	Hamamelis virginiana	American Holly
False Solomon's Seal	Silene virginica	-	Ilex opaca
Smilacina racemosa		American Sycamore	
	Yellowroot	Platanus occidentalis	Hearts-a'burstin'-with-love
Solomon's-seal	Xanthorhiza simplicissima		Euonymus americanus
Polygonatum biflorum		Downy Serviceberry	D 116 1
	Leather-flower	Amelanchier arborea	Red Maple
Rear orace	Clamatic viorna		Acer ruhrum

Acer rubrum

Clematis viorna

Bear-grass Yucca filamentosa

#### Chau Ram County Park Oconee Co., SC May 27, 2006

Dainted Buckeye	Trailing-arbutus;	American Elderberry	June Beetle
Painted Buckeye		Sambucus canadensis	Phyllophaga drakii
Aesculus sylvatica	Mayflower <i>Epigaea repens</i>	Samoucus canadensis	
Spotted Touch-me-not		Rattlesnake-weed	Shining Leaf Chafer
Impatiens capensis	Sparkleberry Vaccinium arboreum	Hieracium venosum	Anomala marginata
New-Jersey-tea		Common Dandelion	Click Beetle
Ceanothus americanus	Deerberry; Squaw- huckleberry	Taraxacum officinale	Limonius basillaris
Virginia-creeper	Vaccinium stamineum	Pale Indian-plantain	Click Beetle
Parthenocissus		Cacalia atriplicifolia	Limonius quercinus
quinquefolia	Highbush Blueberry	71 1 4 6	ar i p
	Vaccinium corymbosum	Elephant's-foot	Click Beetle
Muscadine; Bullace		Elephantopus	Ctenicera sp.
Vitis rotundifolia	Galax; Galaxy; Coltsfoot Galax aphylla	carolinianus	Net-winged Beetle
Basswood; Linden		Joe-pye-weed	Plateros sp.
Tilia heterophylla	Whorled Loosestrife	Eupatorium fistulosum	•
-F. 2	Lysimachia quadrifolia		<b>Tumbling Flower Beetle</b>
Yellow Passionflower	Dysimacina quant your	Green-stemmed Joe-pye-	Mordellistena hebraica
Passiflora lutea	Persimmon	weed	mor acuisiena neoraica
1 assiftora tutea	Diospyros virginiana	Eupatorium purpureum	Darkling Beetle
Davilla walking stick	Diospyros virginiana	Eupatorium purpureum	
Devil's-walking-stick	Hamas augum Crusatlanf	Dea famual	Uloma punctulata
Aralia spinosa	Horse-sugar; Sweetleaf	Dog-fennel	OII CDII-
DI I	Symplocos tinctoria	Eupatorium capillifolium	Oval Leaf Beetle
Blackgum		-	Spintherophyta globosa
Nyssa sylvatica	Silverbell	Pussy-toes	Language and the second
	Halesia tetraptera	Antennaria plantaginifolia	Oval Leaf Beetle
Flowering Dogwood			Rhabdopterus sp.
Cornus florida	Chinese Privet; Ligustrum	Robin's-plantain	
	Ligustrum sinense	Erigeron pulchellus	Alder Leaf Beetle
Silky Dogwood			Chrysomela interrupta
Cornus amomum	Indian-pink	Bearsfoot	
	Spigelia marilandica	Polymnia uvedalia	Sweet-clover Weevil
Spotted Wintergreen			* Sitona cylindricollis
Chimaphila maculata	Cross Vine	Black-eyed-Susan	*
· / /	Anisostichus capreolata	Rudbeckia hirta	Clover Root Curculio
Carolina-laurel	<u> </u>		* Sitona hispidulus
Rhododendron minus	Trumpet Vine; Cow-itch	Dwarf-eared Coreopsis	r
	Vine	Coreopsis auriculata	Weevil
Smooth Azalea	Campsis radicans	corpora and consum	Odontopus calceatus
Rhododendron	Ситры гишейты		out mopus curecurus
arborescens	English Plantain	FAUNA	Zebra Swallowtail
ur bor escerts		TACIVA	Eurytides marcellus
Mountain-laurel;	Plantago lanceolata		Euryttaes marceitus
	D. I. I. I.	Water striden	Fastama Timon Canallantail
Mountain-ivy	Partridge-berry	Water-strider	Eastern Tiger Swallowtail
Kalmia latifolia	Mitchella repens	Gerris sp.	Papilio glaucus
Maleberry; He-	Japanese Honeysuckle	Gray Petaltail (dragonfly)	Eastern Tailed-
huckleberry	Lonicera japonica	Tachopteryx thoreyi	blue(butterfly)
Lyonia ligustrina			Everes comyntas
Section and Grantes Trees	Rusty Black-haw; Blue-	Green Tiger Beetle	
Leucothoe	haw	Cicindela sexguttata	Great Spangled Fritillary
Leucothoe fontanesiana	Viburnum rufidulum	and the second second	Speyeria cybele
	r warram rajiaatam	Horned Passalus Beetle	Speyer in cyotic
Sourwood	Monla loof Vibumum	Odontotaenius disjunctus	Pearl Crescent (butterfly)
Oxydendrum arboreum	Maple-leaf Viburnum	Ouomoidemus disjuncius	Phyciodes tharos
Ongueriar um ar voi eum	Viburnum acerifolium		1 hyclodes that os

#### Chau Ram County Park Oconee Co., SC May 27, 2006

American Lady (butterfly) Vanessa virginiensis

Southern Pearlyeye(butterfly) Enodia portlandia

Monarch (butterfly)

Danaus plexippus

Silver-spotted Skipper Epargyreus clarus

Fowler's Toad
Bufo woodhousei

Northern Cricket Frog Acris crepitans

Pickerel Frog Rana palustris

Eastern Fence Lizard Sceloporus undulatus

Black Racer; Eastern Racer

Coluber constrictor

Rough Green Snake Opheodrys aestivus

Queen Snake
\* Regina septemvittata

Turkey Vulture Cathartes aura

Yellow-billed Cuckoo Coccyzus americanus

Chimney Swift Chaetura pelagica

Ruby-throated Hummingbird Archilochus colubris

Belted Kingfisher Ceryle alcyon

Northern Flicker Colaptes auratus

Pileated Woodpecker Dryocopus pileatus Eastern Phoebe Sayornis phoebe

Northern Rough-winged Swallow Stelgidopteryx serripennis

Blue Jay Cyanocitta cristata

•

American Crow; Common Crow Corvus brachyrhynchos

Tufted Titmouse
Parus bicolor

Carolina Chickadee
Parus carolinensis

Carolina Wren
Thryothorus ludovicianus

Blue-gray Gnatcatcher Polioptila caerulea

American Robin
Turdus migratorius

Northern Mockingbird Mimus polyglottos

Cedar Waxwing

Bombycilla cedrorum

White-eyed Vireo Vireo griseus

Yellow-throated Vireo Vireo flavifrons

Red-Eyed Vireo Vireo olivaceus

Northern Parula

Parula americana

Pine Warbler
Dendroica pinus

Yellow Warbler
Dendroica petechia

Hooded Warbler Wilsonia citrina

Louisiana Waterthrush Seiurus motacilla Northern Cardinal Cardinalis cardinalis

Blue Grosbeak Guiraca caerulea

Scarlet Tanager Piranga olivacea

Eastern Chipmunk Tamias striatus

## Highway 76 Prairie Oconee Co., SC May 27, 2006

FLORA	Red Oak <i>Quercus rubra</i>	Narrow-pod White Wild Indigo	Sourwood Oxydendrum arboreum
Bracken	2	* Baptisia albescens	,
Pteridium aquilinum	Scarlet Oak		Sparkleberry
-	Quercus coccinea	Pencil-flower	Vaccinium arboreum
Southern Lady Fern		Stylosanthes biflora	
Athyrium asplenioides	Spanish Oak; Southern		Highbush Blueberry
	Red Oak	Racemed Milkwort	Vaccinium corymbosum
Christmas Fern	Quercus falcata	Polygala polygama	
Polystichum	DI 1.1.101		Whorled Loosestrife
acrostichoides	Black Jack Oak	Flowering Spurge	Lysimachia quadrifolia
Showloof Dina	Quercus marilandica	Euphorbia corollata	P
Shortleaf Pine Pinus echinata	Vincinia Chalcanact	Smooth Sumas	Persimmon
r inus ecninaia	Virginia Snakeroot; Birthwort	Smooth Sumac	Diospyros virginiana
Sedge	Aristolochia serpentaria	Rhus glabra	Bigleaf Snowbell
* Carex striatula	Aristotochia serpeniaria		Styrax grandifolia
Car ex sir tatata	Meadow-rue	American Holly	Siyi ax granaijona
Melic Grass	Thalictrum revolutum	Ilex opaca	Fringe-tree
Melica mutica		nes opaca	Chionanthus virginicus
	Tulip-poplar; Yellow-	Hearts-a'burstin'-with-love	Cimeria in girie
Vietnam Grass	poplar	Euonymus americanus	Indian-pink
Microstegium vimineum	Liriodendron tulipifera	•	Spigelia marilandica
3		Red Maple	
Sawbrier; Greenbrier	Sweet-shrub; Carolina-	Acer rubrum	Butterfly-weed; Pleurisy-
Smilax glauca	allspice		root
	Calycanthus floridus	New-Jersey-tea	Asclepias tuberosa
Catesby's Trillium		Ceanothus americanus	
Trillium catesbaei	Sassafras		White Milkweed
F-1 - G 1 G 1	Sassafras albidum	Virginia-creeper	Asclepias variegata
False Solomon's Seal	WELLD	Parthenocissus	
Smilacina racemosa	Wild Rose	quinquefolia	Carolina Spinypod
Solomon's-seal	Rosa carolina	Muscadine; Bullace	Matelea carolinensis
Polygonatum biflorum	Indian-physic	Vitis rotundifolia	Bindweed
1 orygonarum orgrorum	Gillenia trifoliata	rus rounagona	Calystegia sericata
Colic-root; Miller's-maid	Gillema ir goliala	Summer Grape	Carystegia sericata
Aletris farinosa	Southern Crabapple	Vitis aestivalis	Phlox
<i>j</i>	Malus angustifolia	, this destriction	Phlox carolina
Bellwort	yy	Passionflower; Maypops	1 most car office
Uvularia perfoliata	Dwarf Hawthorn	Passiflora incarnata	Northern Meadow Phlox
	Crataegus uniflora		* Phlox maculata
Wild Yam		Yellow Passionflower	maculata
Dioscorea quaternata	Fanleaf Hawthorn	Passiflora lutea	
2	* Crataegus macrosperma		Virginia Marbleseed
False Aloe	940000 N 92002 CVCCNOCCONO	Button Snakeroot	Onosmodium virginianum
Agave virginica	Black Cherry; Wild	Eryngium yuccifolium	
D'	Cherry		Common Skullcap
Pignut Hickory	Prunus serotina	Blackgum	Scutellaria integrifolia
Carya glabra	0 11 11	Nyssa sylvatica	
White Oak	Sensitive-brier	П ' Б '	Lyre-leaved Sage
	Schrankia microphylla	Flowering Dogwood	Salvia lyrata
Quercus alba	Redbud: Indes tree	Cornus florida	Saga
Post Oak	Redbud; Judas-tree Cercis canadensis	Spotted Wintergran	Sage
Quercus stellata	Cercis canadensis	Spotted Wintergreen Chimaphila maculata	Salvia urticifolia
Enoi ono otomuna		сттирний тисший	Blue Ridge Beardtongue
			* Penstemon smallii
			r ensiemon smaill

#### Highway 76 Prairie Oconee Co., SC May 27, 2006

Witches'-butter

Tremella mesenterica

marginatus

Convergent Lady Beetle Hippodamia convergens

FAUNA Flower Weevil Seven-spotted Lady Beetle **English Plantain** Geraeus picumnus Coccinella Plantago lanceolata Jumping Spider septempunctata \* Family Salticidae, Flower Weevil Species of Bluets \* Microcholus striatus Multicolored Asian Lady Houstonia longifolia Sulfur-winged Beetle Zebra Swallowtail Harmonia axyridis Grasshopper Japanese Honeysuckle Eurytides marcellus Arphia sulphurea Lonicera japonica **Tumbling Flower Beetle** Eastern Tiger Swallowtail \* Mordella lunulata Band-winged Grasshopper Pale Indian-plantain Papilio glaucus Psinidia fenestralis Cacalia atriplicifolia **Tumbling Flower Beetle** Eastern Tailed-Mordella sp. Differential Grasshopper Small's Ragwort blue(butterfly) Melanoplus differentialis Senecio smallii Flower Longhorn Beetle Everes comyntas Strangalia luteicornis Blazing-star Two-striped Grasshopper Summer Azure Melanoplus bivittatus Liatris spicata Flower Longhorn Beetle Celestrina ladon neglecta Typocerus zebra Spur-throated Joe-pye-weed Great Spangled Fritillary Grasshopper Eupatorium fistulosum Speyeria cybele Melanoplus sp. Sawyer Beetle \* Monochamus Pussy-toes Silvery Checkerspot carolinensis Antennaria plantaginifolia Stink Bug Chlosyne nycteis \* Thyanta custator Flat-faced Longhorn Rosinweed Pearl Crescent (butterfly) **Beetle** Silphium compositum Stink Bug Phyciodes tharos \* Family Pentatomidae, Saperda lateralis Species of Silphium American Lady (butterfly) Shining Leaf Beetle Silphium astericus Vanessa virginiensis \* Lema daturaphila Coreid Bug \* Merocoris sp. Green-and-gold Silver-spotted Skipper Cylindrical Leaf Beetle Chrysogonum virginianum Epargyreus clarus \* Pachybrachis atomarius Scarlet Plant Bug \* Lopidea sp. Wild Quinine Hoary Edge (skipper) Oval Leaf Beetle Parthenium integrifolium Achalarus lyciades Red Plant Bug \* Brachypnoea \* Coccobaphes margaretae Purple Cone-Flower Crossline Skipper Echinacea laevigata sanguinareus Oval Leaf Beetle \* Polites origenes Notched-mouth Ground Paria thoracica Coreopsis Sachem (skipper butterfly) Coreopsis major Beetle Atalopedes campestris Dicaelus dilatatus Skeletonizing Leaf Beetle Ophraella communa Woodland Coreopsis dilatatus Polyphemus Moth \* Coreopsis major major Antheraea polyphemus 12-spotted Cucumber Flower Scarab Beetle Beetle Stiffleaf Coreopsis Trichiotinus piger Parthenice Tiger Moth \* Coreopsis major rigida Diabrotica \* Grammia parthenice Red-necked Cane Borer undecimpunctata howardi Ox-eye Daisy Agrilus ruficollis Timber Rattlesnake Leaf-mining Leaf Beetle Chrysanthemum \* Stenispa metallica Crotalus horridus leucanthemum Soldier Beetle Chauliognathus

Pear-shaped Weevil

Odontopus calceatus

Apion sp.

Weevil

Yellow-billed Cuckoo

Coccyzus americanus

Highway 76 Prairie Oconee Co., SC May 27, 2006

Ruby-throated Hummingbird Archilochus colubris

Downy Woodpecker *Picoides pubescens* 

American Crow; Common Crow Corvus brachyrhynchos

Tufted Titmouse Parus bicolor

Carolina Chickadee Parus carolinensis

Carolina Wren
Thryothorus ludovicianus

Blue-gray Gnatcatcher Polioptila caerulea

Black-throated Green Warbler Dendroica virens

Prairie Warbler Dendroica discolor

Pine Warbler Dendroica pinus

Northern Cardinal Cardinalis cardinalis

Blue Grosbeak Guiraca caerulea

Indigo Bunting Passerina cyanea