



SCAN *South Carolina Association of Naturalists*

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

December 2013

Hello Fellow SCANers,

Wow! We had a record crowd for our outing year. We had attendees that I haven't seen in a long time. We had perfect weather. We had access to areas that I haven't visited.



Kim gives a tailgate talk

Kim McManus and Paul Kalbach teamed up with graduate student, Marvin Brown, who led us into his research areas. Marvin works under the guidance of Eran Kilpatrick at USC Salkehatchie.

Attending were Kim Winkeler, Kim McManus, Paul Kalbach, Jules Freytet, Kay and John Hollis, Caroline Eastman, Greg Mancini, Jan Ciegler, Ruth and Charles Nicholson, Tom Jones, Phil Harpootlian, Ben Gregory, Glen Quattlebaum, Bill Hamel,

Carol Jaworski, Mary Douglas, Kate Hartley, Brusi Alexander, Marvin Brown, Gene Ott, Pat and Jerry Bright.

Lady bugs (*Harmonia axyridis*)

The lady bugs were like something out of a Hitchcock movie.

Jules Freytet writes

Many of our trip attendees can attest to the truth of the MSN news article (<http://news.msn.com/us/ladybugs-overwhelm-parts-of-us-southeast>) as we drove around the roads and lakes at the refuge. On one stop a some of us were literally swarmed by many hundreds and maybe thousands of ladybugs. There were so many on me that I felt like being in some horror movie! Definitely the most memorable part of this SCAN trip for me.



Lady Beetles - Kim McManus

Jan Ciegler describes the lady bugs:

The beetle is the Multicolored Asian Lady Beetle, *Harmonia axyridis* (Pallas). It, like many other of our lady beetles, was deliberately imported from Asia to eat aphids. It eats aphids, but also eats larvae like those of the other species of lady beetles. Therefore it has multiplied greatly over the last 25 years, to the detriment of similar-sized other lady beetle species. Most lady beetles try to over-winter by crawling into protected places like under bark, under leaves, under shingles, and through any gaps in houses, and this species, now being most numerous, is most likely to invade houses in the winter. I have no idea why we encountered such large flocks in the sunny areas of the refuge. Perhaps they had just hatched from their pupal state – I don't know. There must have many larvae for them to feed on in the refuge this summer (lots of rain), and perhaps those sunny areas had the most food. They are called "multicolored" because their color varies from dark red through orange to pale yellow, and the number of spots varies from 19 to none (the darkest have the most spots, the palest have none).



Marvin Brown - Kim McManus

This was the perfect outing for those who like to ride, get out, walk and see. The many roads covered fields, shore, swamp, inland impoundments and forest. Cuddo's lived up to it's reputation for big 'gators but their winter preparations kept their numbers down.

Birds were the real show stealer. Tundra swans, bald eagles, a flock of wild turkeys, synchronized swarming blackbirds, a single swallow-tailed kite and a loon were highlights for me. I look forward to returning with a spotting scope to watch in more detail.



Tundra Swans - Kim McManus



Tundra Swans - Kim McManus

The day ended with a huge group of 20 descending on the Thai House Restaurant in Santee. We had reservations and we were perfectly seated at a very long string of tables pulled together. Experiences were shared, tales were told, and once again Kim had us tell our favorite moments about our day.

Our next trip to Ernest F. Hollings ACE Basin Grove Plantation will be led by Kathy Boyle and Wayne Grooms. It will provide us with many birding opportunities so bring your binoculars and scopes. - Jerry Bright



Water Moccasin - Kim McManus



Robber Fly



Hornet's nest



SCAN Folks - Kim McManus

Ernest F. Hollings ACE Basin Wildlife Refuge, December 14, 2013, 10:30 AM

Kathy Boyle and Wayne Grooms

On December 14 we will visit the Ernest F. Hollings ACE Basin Wildlife Refuge, in southwestern Charleston County. The refuge is also known as “Grove Plantation” for the antebellum mansion, as well as the series of impoundments (below, mapped as non-forested wetland) created and worked by slaves in the 19th century to produce rice. Purchased by The Nature Conservancy in 1991, the property has been managed by the US Fish & Wildlife Service since 1992. The rice fields are now wildlife habitat, maintained through what USFWS calls “moist soil management” to promote growth of wetland plants, insects, crustaceans, and small fish by mimicking the natural wet and dry season cycles.



Located along the Atlantic Flyway, the Refuge hosts large numbers of waterfowl, shorebirds, neotropical songbirds, and birds of prey that migrate from their nesting grounds to wintering areas throughout eastern North America. Beginning in late fall and through early spring, the property is a haven for wood ducks, pintails, shovelers, mallards, and widgeon, to name a few of the approximately 20 species that winter here. Endangered wood storks – which are slowly leaving their historic south Florida home due to loss of habitat – are moving north to South Carolina to nest. The bald eagle can be seen using the refuge as a feeding ground throughout the year. Wading birds such as egrets, herons, and ibis live in large active rookeries and forage the impoundments for food, and wetlands provide nesting and feeding sites for sandpipers, plovers, yellow-legs, and black necked stilts.



Since we’ll be visiting during nesting season, some of the trails through the impoundments will be closed, but we will have access to the observation blind as well as to upland trails. The plantation house will be closed (open weekdays only) but rest rooms should be available.

Bring the usual insect repellent, lunch, drinks and rain gear.

Directions:

From Hwy. 17, take SC 174 (Signs will read “Edisto Beach” and “Ernest F. Hollings ACE Basin National Wildlife Refuge”). Stay on SC 174 through Adams Run (174 will make a right turn in Adams Run). At the intersection with the flashing light (Signs will read “Ernest F. Hollings ACE Basin National Wildlife Refuge”), turn right on to Willtown Road. Go approximately 2 miles, entrance road will be on the left (signs will read “Ernest F. Hollings ACE Basin National Wildlife Refuge”).

The main gate will be closed (open only on weekdays) but we can park there and walk – less than ½ mile – to the plantation house and wetlands.

Latitude: 32.6653 Longitude: -80.3936

Travel time: From Columbia the trip should take just over two hours.

Where to eat:

Flo's Diner
 16804 Ace Basin Parkway
 Jacksonboro, SC 29452
 (843) 893-2200

LUNCH		DINNER	
BASKETS <i>*served w/ French Fries</i>		APPETIZERS	
Chicken Gizzards	5.25	Mozzarella Cheese Sticks	5.95
(4) Chicken Strips	6.95	Fried Mushrooms	5.95
Popcorn Shrimp	7.95	Wings	5.95
		<i>(Hot, BBQ, Teriyaki, Honey Must.)</i>	
BURGERS <i>*served w/ FF's or Home Fries or Slaw</i>		ENTREES <i>*served w/ Hashpuppies & FF's or Baked Potato : Slaw or Side Salad</i>	
(8oz) Hamburger	6.99	SEAFOOD	
Add:		Fried Catfish (2 Fillets)	12.95
Cheese, Grilled Onion,	+0.75	Fried Catfish (Whole Bone In)	14.95
or Mushrooms		Shrimp (fried or broiled)	14.95
Bacon	+1.50	Flounder	14.95
Xtra Fries	+1.75	Swai Fillet	12.95
Shrimp Burger	7.95	Fried Oyster	16.95
<i>*Grilled in Butter & Garlic</i>		Scallops (fried or broiled)	16.95
Oyster Burger	7.95	Combination Platter (of above)	
		Any 2	16.95
STIR FRY <i>*served over rice</i>		Any 3	18.95
Chicken	8.95	Seafood Platter	19.95
Shrimp	10.95	Stuffed Flounder	17.95
		(2) Crab Cakes	14.95
SOUPS		STEAKS	
Oyster or Catfish Stew	3.99	(10 oz.) Hamburger Steak 10.95	
		<i>*topped w/ Gravy, Sautéed Peppers, Grilled Onion, & Mushrooms</i>	
SALADS		Ribeye	
Side Salad	2.99	8 oz.	12.95
Lrg. Chef	7.95	12 oz.	15.95
<i>*Bacon, Ham, Turkey, Eggs, Tomato, Onion, Cucumber, & Cheese</i>		NY Strip 10 oz.	14.95
Chicken Strip Salad	7.95	Steak (8 oz.) & Shrimp	18.95
Shrimp	8.95	Baby Back Ribs	
		1/2 Rack	14.99
SANDWICHES <i>*served w/ FF's or Home Fries or Slaw</i>		Full Rack	18.99
BLT	5.95	LIGHTER SIDE	
Fish	6.95	Shrimp Stir Fry (Dinner Portion)	12.95
Club (Ham or Turkey)	6.95	Chicken Stir Fry (D. Portion)	10.95
Super Club (Bac., Ham, & Tur.)	8.95	<i>*Stir Fry over a Bed of Rice</i>	
Grilled Or Fried Chicken	7.95	Shrimp Salad	10.95
Philly Cheese Steak	7.95	Chicken Strip Salad	9.95
Rueben	7.95		
~ Daily Blackboard Specials ~			
Beverages		KIDDIE MENU w/ FF's	
Coffee, Tea, Sm. OJ	1.00	Fried Shrimp	4.95
Lg. OJ	1.50	Mini Cheese Burger	2.50
Milk	1.75	Hot Dog	1.99
Chocolate Milk	1.95	Grilled Cheese	1.99
Fountain Drinks	1.95	(2) Chicken Strips	3.99



**Santee Nat. Wildlife Refuge, Cuddo Unit
Clarendon Co., SC
November 16, 2013**

This list was produced by SCAN from sightings produced by SCAN members and is subject to revision as needed. An asterisk (*) indicates a new sighting for SCAN. Send any changes or corrections to Jan Ciegler at jciegler@sc.rr.com. Please indicate exactly to which flora/fauna list you are referring. Thank you.

FLORA

Cinnamon Fern

Osmunda cinnamomea

Royal Fern

Osmunda regalis spectabilis

Marsh Fern

*Thelypteris palustris
pubescens*

Ebony Spleenwort

Asplenium platyneuron

Loblolly Pine

Pinus taeda

Eastern Red Cedar

*Juniperus virginiana
virginiana*

Bald-cypress

Taxodium distichum

Joor's Sedge

Carex joorii

Short-bristle Horned

Beaksedge

*Rhynchospora corniculata
corniculata*

Woolgrass Bulrush

Scirpus cyperinus

Broomsedge

Andropogon glomeratus

Switch Cane

Arundinaria tecta

Slender Spikegrass

Chasmanthium laxum

Narrow Plume Grass

Saccharum baldwinii

Giant Plume Grass

Saccharum giganteum

Smut Grass

Sporobolus indicus

Southern Wild-rice

Zizaniopsis miliacea

Common Cattail

Typha latifolia

Spanish-moss

Tillandsia usneoides

Water Hyacinth

Eichhornia crassipes

Pickerelweed

Pontederia cordata

Curlyleaf Yucca

Yucca filamentosa

Catbrier

Smilax bona-nox

Common Greenbrier

Smilax rotundifolia

Jackson-brier

Smilax smallii

Sassafras

Sassafras albidum

Lizard's-tail

Saururus cernuus

Yellow Lotus

Nelumbo lutea

Sweet Gum

Liquidambar styraciflua

Winged Elm

Ulmus alata

Southern Hackberry

Celtis laevigata

Sand Hickory

Carya pallida

Mockernut Hickory

Carya tomentosa

Common Wax-myrtle

Morella cerifera

Sawtooth Oak

Quercus acutissima

White Oak

Quercus alba

Laurel Oak

Quercus laurifolia

Water Oak

Quercus nigra

Cherrybark Oak

Quercus pagoda

Willow Oak

Quercus phellos

Post Oak

Quercus stellata

River Birch

Betula nigra

St. Andrew's Cross

Hypericum hypericoides

Eastern Rose-mallow

Hibiscus moscheutos

Swamp Cottonwood

Populus heterophylla

Carolina Willow

Salix caroliniana

Black Willow

Salix nigra

Dangleberry

Gaylussacia frondosa

Indian Pipes

Monotropa uniflora

Elliott's Blueberry

Vaccinium elliotii

American Persimmon

Diospyros virginiana

Black Cherry

Prunus serotina serotina

Showy Rattlebox

Crotalaria spectabilis

White Sweetclover

Melilotus albus

Sicklepod

Senna obtusifolia

Sesban

Sesbania herbacea

Water-milfoil

Myriophyllum sp.

Water-primrose

Ludwigia grandiflora

Water Tupelo

Nyssa aquatica

Swamp Tupelo

Nyssa biflora

Blackgum

Nyssa sylvatica

Possum-haw

Ilex decidua decidua

Popcorn Tree

Triadica sebifera

Peppervine

Ampelopsis arborea

Muscadine

*Vitis rotundifolia
rotundifolia*

Red Maple

Acer rubrum

Winged Sumac

Rhus copallinum

Eastern Poison Ivy

*Toxicodendron radicans
radicans*

Carolina Jessamine

Gelsemium sempervirens

Climbing Dogbane

Trachelospermum difforme

Horse-nettle

*Solanum carolinense
carolinense*

Little Floating Heart

Nymphoides cordata

Turnsole

Heliotropium indicum

Brazilian Vervain

Verbena brasiliensis

Beautyberry

Callicarpa americana

Henbit

*Lamium amplexicaule
amplexicaule*

Chinese Privet

Ligustrum sinense

Trumpet-creeper

Campsis radicans

Buttonbush

Cephalanthus occidentalis

Japanese Honeysuckle

Lonicera japonica

Silverling

Baccharis halimifolia

Showy Bur-marigold

Bidens laevis

Doll's-daisy

* *Boltonia* sp.

Mistflower

Conoclinium coelestinum

Common Dog-fennel

Eupatorium capillifolium

Flat-topped Goldenrod

Euthamia caroliniana

Grass-leaved Golden-aster

*Pityopsis graminifolia
latifolia*

Marsh Fleabane

Pluchea baccharis

Licorice Goldenrod

Solidago odora odora

Long-stalked Aster

Symphotrichum dumosum

Puffball

Lycoperdon sp.

FAUNA

Crayfish

Cambarus sp.

Basilica Spider

Mecynogea lemniscata

Orb-weaver

Neoscona crucifera

Orchard Spider

Leucauge venusta

Golden Silk Orbweaver

Nephila clavipes

Bold Jumping Spider

Phidippus audax

Red-headed Meadow

Katydid

Orchelimum

erythrocephalum

Black-sided Pygmy

Grasshopper

Tettigidea lateralis

Cattail Toothpick

Grasshopper

Leptysmia marginicollis

Red Imported Fire Ant

Solenopsis invicta

Robber Fly

* Fam. *Asilidae*

Common Green Darner

Anax junius

Citrine Forktail (damselfly)

Ischnura hastata

Whirligig Beetle

Dineutus sp.

Patent-leather Beetle

Odontotaenius disjunctus

Multicolored Asian Lady

Beetle

Harmonia axyridis

12-spotted Cucumber Beetle

Diabrotica undecimpunctata
howardi

Clouded Sulphur

Colias philodice

Cloudless Sulphur

Phoebis sennae eubule

Sleepy Orange

Abaeis nicippe

Gulf Fritillary

Agraulis vanillae

Variigated Fritillary

Euptoieta claudia

American Lady (butterfly)

Vanessa virginiensis

Common Buckeye

Junonia coenia

Monarch (butterfly)

Danaus plexippus

Common Checkered-skipper

Pyrgus communis

Giant Leopard Moth (larva)

* *Hypercompe scribaria*

Cricket Frog

Acris sp.

Bullfrog

Lithobates catesbiana

American Alligator

Alligator mississippiensis

Slider Turtle

Trachemys scripta

Green Anole

Anolis carolinensis

Ground Skink

Scincella lateralis

Eastern Ratsnake

Pantherophis alleghaniensis

Cottonmouth; Water

Moccasin

Agkistrodon piscivorus

Common Loon

Gavia immer

Pied-billed Grebe

Podilymbus podiceps

Brown Pelican

Pelecanus occidentalis

Anhinga; Snakebird

Anhinga anhinga

Double-crested Cormorant

Phalacrocorax auritus

Great Egret

Casmerodius albus

Great Blue Heron

Ardea herodias

Tundra Swan

Cygnus columbianus

Canada Goose

Branta canadensis

Mallard

Anas platyrhynchos

Gadwall

Anas strepera

Green-winged Teal

Anas crecca

Northern Pintail

Anas acuta

Blue-winged Teal

Anas discors

Wood Duck

Aix sponsa

Ring-necked Duck

Aythya collaris

Common Moorhen

Gallinula chloropus

American Coot

Fulica americana

Greater Yellowlegs

Tringa melanoleuca

Turkey Vulture

Cathartes aura

Black Vulture

Coragyps atratus

Bald Eagle

Haliaeetus leucocephalus

American Swallow-tailed

Kite

Elanoides forficatus

Northern Harrier

Circus cyaneus

Red-shouldered Hawk

Buteo lineatus

Red-tailed Hawk

Buteo jamaicensis

Osprey

Pandion haliaetus

Mourning Dove

Zenaidura macroura

Barred Owl (call)

Strix varia

Belted Kingfisher

Ceryle alcyon

Red-bellied Woodpecker

Melanerpes carolinus

Downy Woodpecker

Picoides pubescens

Hairy Woodpecker

Picoides villosus

Pileated Woodpecker

Dryocopus pileatus

Eastern Phoebe

Sayornis phoebe

Blue Jay

Cyanocitta cristata

American Crow

Corvus brachyrhynchos

Carolina Chickadee

Parus carolinensis

Tufted Titmouse

Baeolophus bicolor

Carolina Wren

Thryothorus ludovicianus

Golden-crowned Kinglet

Regulus satrapa

Ruby-crowned Kinglet

Regulus calendula

Eastern Bluebird

Sialia sialis

Hermit Thrush

Catharus guttatus

Northern Mockingbird

Mimus polyglottos

Cedar Waxwing

Bombycilla cedrorum

Yellow-rumped Warbler

Dendroica coronata

Northern Cardinal

Cardinalis cardinalis

Savannah Sparrow

Passerculus sandwichensis

Song Sparrow

Melospiza melodia

White-throated Sparrow

Zonotrichia albicollis

Red-winged Blackbird

Agelaius phoeniceus

Common Grackle

Quiscalus quiscula

Gray Squirrel

Sciurus carolinensis

Wild Pig

Sus scrofa

White-tailed Deer

Odocoileus virginianus