



SOUTH CAROLINA ASSOCIATION OF NATURALISTS

SCAN

PO Box 24911
Columbia, SC 29224
www.scnaturalists.org

June 2023

Hello SCAN members!

I did not make it to the annual camping weekend at Francis Marion National Forest nor the Saturday trip to Old Santee Canal Park. Heavy rain was forecast and in the area over the weekend. I know herps were found when SCAN teamed up with the Under a Low Country Moon (ULCM) folks for the 11th year. Follow along below to see how the gang fared and the details on the next adventure coming up...to Black River Cypress Preserve in Georgetown County and owned by the Nature Conservancy. Todd Johnston will be our guide this time around. **Be aware that the start time on this ramble will be 10am and an RSVP is requested.**

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We still lack the Secretary position with SCAN to help with some of the tasks that go along with keeping our group organized. We also need someone to step up and help with the Treasurer position. If interested and want to step up...reach out to President Dave Schuetrum or Vice President Gordon Murphy.

Dave Schuetrum, SCAN President

From Kim McManus on the camping adventure with the Under a Low Country Moon:



Attendees:

Ab Abercrombie
Andrew Lazenby
Barbara Foster
Chrissy Abercrombie
Eric Bitler
Gabe Shuler

Greg Ross
Jackie Holmes
Ken Pott
Kim McManus
Michael Crawford
Parker Gibbons

Paul Kalbach
Sharon Watson
Stephen Crotts
Stephen Prior
Tess Moody

Despite the persistent rain and temperatures in the upper 50ies, we had a great weekend! Eleven brave souls camped and a few more drove in for day visits. We cruised the roads as best we could. Hell Hole Road had four enormous mud bogs that were almost impassible on foot; only Andrew was willing to try navigating them in

a vehicle (he succeeded!). We were pleasantly surprised to find several snakes under cover boards that Gabe Shuler and Ab Abercrombie monitor in various locations throughout the forest. Due to the weather conditions, our species list is much shorter than usual. The other oddity is that we never saw a water moccasin! I don't think that has ever happened in all the years of this particular bioblitz. I'm sure it had a lot to do with us spending less time on Hell Hole Road and the low temperatures. The few folks who stayed until Monday were rewarded with beautiful sunny skies and warmer temperatures. We finally found a few things moving!



L to R: pitcher plants, Canebrake Rattlesnake, Paul and Stephen at Blue Springs



L to R: water lilies, Sandhills Milkweed, Greg providing scale for an Eastern Rat Snake

From Todd Johnston and Tom Austin on their Saturday visit to Old Santee Canal Park and Fort Fair Lawn, the official Saturday outing of the SCAN weekend.

Todd, "Tom Austin and I were the only ones at the SCAN Saturday outing to Old Santee Canal Park. We didn't catch hardly any rain while we were out. Tom did an eBird list and a plant list. It is amazing the number of plants he knows! Thankfully as the pictures show they had some interpretive signs for those still learning."

Tom, "Birds were scarce and butterflies and herps almost absent due to the cool weather and intermittent light rain. However, the botanical diversity at Old Santee Canal Park is ludicrous for the coastal plain. Multiple rare plants, huge species richness, and compositions from pine savanna to bottomland swamp to calcareous montane forests, and everything in-between."



SCAN group photo from Old Santee Canal Park (from Tom)





Yellow Carolina Milkvine (*Matelea flavidula*) at Old Santee Canal Park, a bonafide rare plant (from Tom)



Exploring the interpretive center I explored upstairs; passed the terrariums and aquariums there was an outdoor platform with a great view of some of the wetlands. (from Todd)



One of the many overlooks along Biggin Creek which runs parallel to Tailrace Canal on the way to connecting to the Cooper River. Surprising that we didn't see any alligators, turtles or dragonflies but it was a soggy, cool outing (from Todd)

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Black River Cypress Preserve
Williamsburg County, SC
June 24, 2023

Originally claimed by the Winyah tribe dating back to the 1500s, the land passed through 29 owners from the colonial settlers to the current management by the Butler Conservation and Park Builders International. The Black Cypress Preserve was set aside for education and recreation in 2015 and covers over 1,000 acres. Trails for hiking, biking, and kayaking are available on the Swampside tract and the nearby Peninsula tract run by the Nature Conservancy.

For our trip we are likely sticking to the Swampside tract and unlike the typical SCAN outing it will be guided. The guides will be there to keep us on trail, advise us, and be prepared to stop whenever we come across something interesting. Please bring your own food and water, pack it in/pack it for this adventure. According to the map it looks like there are a couple locations for restrooms and several pavilions on the property that we could lunch at if a location along the trail does not present itself. The longest section of trail from the vehicles appears to be a little bit more than 3.5 miles round trip.

Please note that the start time is 10am and the gates will only be open from 9:30am to 10:15am. After that time they have advised me that we are out of luck for getting anyone else into the lot.

If possible, please let me know as early as possible if you think you are attending as they may be able to provide additional guides and allow us more flexibility depending on the number of people attending.

We will be required to sign a waiver before we begin but it will be available to sign upon your arrival.

The preserve has had several people we are familiar with out to the property to do some surveying.

Dr. Richard Porcher and Celie Dailey did a vascular plant survey and the results can be accessed here:

https://www.cypresspreserve.org/wp-content/uploads/2022/09/Plant-Survey-BRCP-Species-Checklist-draft-7_6_22-1.pdf

Dr. Whit Gibbons and Parker Gibbons did a vertebrate study in 2022 found here:

<https://www.cypresspreserve.org/wp-content/uploads/2022/09/DRAFT-BRCP-REPORT-07-01-22-jwg-Google-Docs.pdf>

They also have set up an eBird hot spot which can be located here:

<https://ebird.org/hotspot/L12555082>

All of this can be found along with additional history on their website.

<https://www.cypresspreserve.org/>



Location: 16368 County Line Rd (SC 41), Andrews, SC 29510

GPS: [33.498812, -79.534083](https://www.google.com/maps/place/33.498812,-79.534083)

Time: 6/24/23 @ 10am (gates open 9:30, close 10:15)

Notes – Bring food and drinks for a lunch out on the trails, bathrooms are available on site.

Directions:

Columbia and points North head towards Sumter and continue or get on Hwy 378 East

Turn Right on SC 527 and continue through Kingstree for about 48 miles to Hwy 41

Turn Left on SC 41 then the entrance is about a half mile on your right; there will be a sign by the gate.

Charleston and points South Access SC 41 and head towards Francis Marion National Forest and through Andrews SC

After Hwy 521 breaks away from SC41 it is less than 4 miles till the sign and gate will be on your right

Due to the need for guides please notify me if you plan on attending to better accommodate our group, feel free to email text or call.

Todd Johnston

Please note the preserve's guidelines below:

Park Rules & Etiquette:

- Motorized vehicles are not permitted beyond the visitor parking lot.
 - Bikes are stationed in the visitor parking lot. There are multiple bike shed locations throughout the property (see map). Bikes can be used and dropped off at any of the bike shed locations.
 - Please leave bikes at one of the bike sheds prior to leaving the property. In the event a bike has a flat tire or some other issue, please notify your guide or a staff member.
- Hiking and biking are the only means of transportation allowed on the trails and roads. There are no exceptions.
- Personal bicycles may be used, however, E-bikes or any other motorized vehicles are not permitted.
 - Picnicking is encouraged at BRCP. We are a carry in/carry out facility. Leave no trace. All food, drink, and other waste must be carried out.
 - There are two pavilions along/near Swampside Trail available for guest use: Sweetbay Pond Pavilion & Johns Lake Pavilion (refer to map). There is a port-o-let and bike shed at Sweetbay Pond Site.
 - Grand Junction has a bike shed, vault toilet, and picnic table.
 - We encourage everyone to use a recyclable water container. Please refrain from using plastic bottles on the property.
 - Pets are not permitted, nor should they be left in one's car.
 - Smoking, hunting, fishing, or metal detecting is not permitted.
 - No collection of plants or animals. This includes collecting wildflowers or other wild plants and their seeds, collecting mushrooms, and otherwise removing or damaging any plants or trees.
 - There are several private buildings that are marked with "Authorized Personnel Only" signs. Please heed the request.
 - Once you reach Sweetbay Pond on the Swampside Trail, the remainder of Swampside Trail is designated for hiking only.
 - We attempt to schedule multiple groups each day and parking is limited. We ask that all individuals in your group not to linger after your visitation is complete.

Helpful items to wear and bring:

- Supportive and comfortable footwear
 - Recyclable water bottle
 - Protection from the sun. We encourage everyone to wear a hat and sunscreen. A backpack is helpful to carry a water receptacle, map, raincoat, or an extra layer of clothing.
 - Binoculars
 - EpiPen or something similar for those with severe reactions to insect bites.
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May 27, 2023
Old Santee Canal Park
Berkeley Co., SC

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 Kim McManus at scnaturalists76@gmail.com. Please indicate exactly to which flora/fauna list you are referring in the subject line of your message. Thank you.

LICHENS

Usnea strigosa

FLORA

American Royal Fern

Osmunda spectabilis

Ebony Spleenwort

Asplenium platyneuron

Sensitive Fern

Onoclea sensibilis

Kunth's Maiden Fern

Pelazoneuron kunthii

Christmas Fern

Polystichum acrostichoides

Resurrection Fern

Pleopeltis michauxiana

Spruce Pine

Pinus glabra

Longleaf Pine

Pinus palustris

Loblolly Pine

Pinus taeda

Eastern Red Cedar

Juniperus virginiana

Bald-cypress

Taxodium distichum

Fanwort

Cabomba caroliniana

Lizard's-tail

Saururus cernuus

Wild Ginger

Asarum canadense

Little Brown Jug

Hexastylis arifolia

Tulip-tree

Liriodendron tulipifera

Southern Magnolia

Magnolia grandiflora

Swamp Bay

Persea palustris

Duckweed

Landoltia punctata

Golden Club

Orontium aquaticum

Green Arrow-arum

Peltandra virginica

Greater Duckweed

Spirodela polyrrhiza

Mottled Trillium

Trillium maculatum

Catbrier

Smilax bona-nox bona-nox

Common Greenbrier

Smilax rotundifolia

Jackson-brier

Smilax smallii

Lawn Blue-eyed-grass

Sisyrinchium rosulatum

Liriope

Liriope muscari

Spanish Dagger

Yucca aloifolia

Dwarf Palmetto

Sabal minor

Cabbage Palmetto

Sabal palmetto

Zigzag Spiderwort

Tradescantia subaspera

Pickerelweed

Pontederia cordata

Water Hyacinth

Piaropus crassipes

American Bur-reed

Sparganium americanum

Spanish-moss

Tillandsia usneoides

Sedge

Carex sp.

Umbrella Sedge

Cyperus virens

Common Bushy Bluestem

Andropogon glomeratus

Switch Cane

Arundinaria tecta

Common Shorthusk

Brachyelytrum erectum

Longleaf Spikegrass

Chasmanthium sessiliflorum

Bermuda Grass

Cynodon dactylon

Variable Witchgrass

Dichanthelium commutatum

Witchgrass

Dichanthelium sp.

Barnyard-grass

Echinochloa sp.

Centipede Grass

Eremochloa ophiuroides

Japanese Stilt-grass

Microstegium vimineum

Florida Paspalum

Paspalum floridanum

Bahia Grass

Paspalum notatum

Annual Bluegrass

Poa annua

Yellow Foxtail

Setaria pumila

Southern Wild-rice

Zizaniopsis miliacea

Bloodroot

Sanguinaria canadensis

Nandina

Nandina domestica

May-apple

Podophyllum peltatum

Sycamore

Platanus occidentalis

Sweet Gum

Liquidambar styraciflua

Witch-hazel

Hamamelis virginiana

Virginia-willow

Itea virginica

Muscadine

Muscadinia rotundifolia rotundifolia

Summer Grape

Vitis aestivalis aestivalis

Virginia-creeper

Parthenocissus quinquefolia

Peppervine

Nekemias arborea

Tall Indigo-bush

Amorpha fruticosa

Hog-peanut

Amphicarpaea bracteata

Common Groundnut

Apios americana

Eastern Redbud

Cercis canadensis

Common Sensitive-plant

Chamaecrista nictitans nictitans

Coral Bean

Erythrina herbacea

Sericea Lespedeza

Lespedeza cuneata

White Sweetclover

Melilotus albus

Perennial Sand Bean

Strophostyles umbellata

Low Hop Clover

Trifolium dubium

White Clover

Trifolium repens

Pale Vetch

Vicia caroliniana

American Wisteria

Wisteria frutescens frutescens

White Avens

Geum canadense

Swamp Rose

Rosa palustris

Common Dewberry
Rubus flagellaris
Pennsylvania Blackberry
Rubus pensilvanicus
Southern Dewberry
Rubus trivialis
Autumn Silverberry
Elaeagnus pungens
Supplejack
Berchemia scandens
Winged Elm
Ulmus alata
Slippery Elm
Ulmus rubra
Southern Hackberry
Celtis laevigata
Red Mulberry
Morus rubra
False-nettle
Boehmeria cylindrica
Common Chinquapin
Castanea pumila
White Oak
Quercus alba
Laurel Oak
Quercus laurifolia
Swamp Chestnut Oak
Quercus michauxii
Water Oak
Quercus nigra
Cherrybark Oak
Quercus pagoda
Shumard Oak
Quercus shumardii
Live Oak
Quercus virginiana
Common Wax-myrtle
Morella cerifera
Pecan
Carya illinoensis
Black Walnut
Juglans nigra
Tag Alder
Alnus serrulata
American Hornbeam
Carpinus caroliniana
Creeping Cucumber
Melothria pendula
Hearts-a-burstin'-with-love
Euonymus americanus
Common Yellow Wood-sorrel
Oxalis stricta
Wood-sorrel
Oxalis sp.
Southern Woolly Violet
Viola villosa
Swamp Cottonwood
Populus heterophylla
Black Willow
Salix nigra
Popcorn Tree
Triadica sebifera

Eastern Poison Ivy
Toxicodendron radicans radicans
Southern Sugar Maple
Acer floridanum
Eastern Box Elder
Acer negundo negundo
Eastern Red Maple
Acer rubrum rubrum
Red Buckeye
Aesculus pavia pavia
Bristly-mallow
Modiola caroliniana
American Basswood
Tilia americana
Halberd-leaf Tearthumb
Persicaria arifolia
Smartweed
Persicaria sp.
Alligator-weed
Alternanthera philoxeroides
Swamp Tupelo
Nyssa biflora
Blackgum
Nyssa sylvatica
Climbing Hydrangea
Hydrangea barbara
Southern Swamp Dogwood
Swida foemina
American Persimmon
Diospyros virginiana
Water-pimpernel
Samolus parviflorus
Buttonbush
Cephalanthus occidentalis
Bedstraw
Galium sp.
Coastal Rose-pink
Sabatia calycina
Carolina Ponyfoot
Dichondra carolinensis
Water Ash
Fraxinus caroliniana
Green Ash
Fraxinus pennsylvanica
Glossy Privet
Ligustrum lucidum
Chinese Privet
Ligustrum sinense
Virginia Plantain
Plantago virginica
Carolina Wild-petunia
Ruellia caroliniensis
Cross-vine
Bignonia capreolata
Trumpet-creeper
Campsis radicans
Creeping Frogfruit
Phyla nodiflora nodiflora
Brazilian Vervain
Verbena brasiliensis
Beautyberry
Callicarpa americana

Skullcap
Scutellaria elliptica
American Holly
Ilex opaca
Yaupon
Ilex vomitoria
Common Ragweed
Ambrosia artemisiifolia
Pale Indian-plantain
Arnoglossum atriplicifolium
Coastal Tall Thistle
Cirsium nuttallii
Elephant's-foot
Elephantopus sp.
Fireweed
Erechtites hieraciifolius
Common Rough Fleabane
Erigeron strigosus strigosus
Common Horseweed
Erigeron canadensis
Common Dog-fennel
Eupatorium capillifolium
Cudweed
Gamochaeta sp.
Beaked Hawkweed
Hieracium gronovii
Climbing Hempweed
Mikania scandens
Bearsfoot
Smallanthus uvedalia
Spinyleaf Sow-thistle
Sonchus asper
Southern Crownbeard
Verbesina occidentalis
Frostweed
Verbesina virginica
Common Elderberry
Sambucus canadensis
Japanese Honeysuckle
Lonicera japonica
Swamp Water-pennywort
Hydrocotyle ranunculoides
Marsh-parsley
Cyclosporum leptophyllum
Sanicle
Sanicula canadensis

FAUNA

S. E. Giant Burrowing Mayfly
Hexagenia bilineata (prob.)
Water-strider
Gerris sp.
Great Blue Skimmer
Libellula vibrans
Blue Dasher
Pachydiplax longipennis
Larger Elm Leaf Beetle
Monocesta coryli
Fall Webworm Moth
Hyphantria cunea

Eastern Mosquitofish
Gambusia holbrooki

Bronze Frog
Lithobates clamitans clamitans

Great Egret
Ardea alba

Common Gallinule
Gallinula galeata

Royal Tern
Thalasseus maximus

Osprey
Pandion haliaetus

Yellow-billed Cuckoo
Coccyzus americanus

Red-bellied Woodpecker
Melanerpes carolinus

Downy Woodpecker
Dryobates pubescens

Great Crested Flycatcher
Myiarchus crinitus

Acadian Flycatcher
Empidonax vireescens

Cliff Swallow
Petrochelidon pyrrhonota

Fish Crow
Corvus ossifragus

Tufted Titmouse
Baeolophus bicolor

Carolina Chickadee
Poecile carolinensis

Carolina Wren
Thryothorus ludovicianus

Blue-gray Gnatcatcher
Polioptila caerulea

Northern Mockingbird
Mimus polyglottos

White-eyed Vireo
Vireo griseus

Prothonotary Warbler
Protonotaria citrea

Northern Parula
Setophaga americana

Common Yellowthroat
Geothlypis trichas

Northern Cardinal
Cardinalis cardinalis

Red-winged Blackbird
Agelaius phoeniceus

House Finch
Haemorhous mexicanus

Yellow-fruited Sedge
Carex annectens

Sweet Joepyeweed
Eutrochium purpureum

Pinewoods Oxeye
Heliopsis gracilis

Uruguay Waterprimrose
Ludwigia hexapetala

Winged Loosestrife
Lythrum alatum

Yellow Carolina Milkvine
Matelea flavidula

Basketgrass
Oplismenus hirtellus

Oyster Mushroom
Pleurotus pulmonarius

Graybark Grape
Vitis cinerea

NEW SPECIES

Bacterial Crown Gall
Agrobacterium radiobacter

Carpet Moss
Bryophyta sp.

May 27, 2023
Fort Fair Lawn
Berkeley Co., SC

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LICHENS

Usnea strigose

FLORA

Ebony Spleenwort

Asplenium platyneuron

Southern Lady Fern

Athyrium asplenoides

Kunth's Maiden Fern

Pelazoneuron kunthii

Christmas Fern

Polystichum acrostichoides

Resurrection Fern

Pleopeltis michauxiana

Spruce Pine

Pinus glabra

Loblolly Pine

Pinus taeda

Eastern Red Cedar

Juniperus virginiana

Lizard's-tail

Saururus cernuus

Tulip-tree

Liriodendron tulipifera

Southern Magnolia

Magnolia grandiflora

Green Dragon

Arisaema dracontium

Jack-in-the-pulpit

Arisaema triphyllum

Catbrier

Smilax bona-nox bona-nox

Common Greenbrier

Smilax rotundifolia

Jackson-brier

Smilax smallii

Lawn Blue-eyed-grass

Sisyrinchium rosulatum

Dwarf Palmetto

Sabal minor

Cabbage Palmetto

Sabal palmetto

Spanish-moss

Tillandsia usneoides

Rush

Juncus dichotomus

Sedge

Carex sp.

Beaksedge

Rhynchospora sp.

Nutrush

Scleria sp.

Common Bushy Bluestem

Andropogon glomeratus

Switch Cane

Arundinaria tecta

Slender Spikegrass

Chasmanthium laxum

Longleaf Spikegrass

Chasmanthium sessiliflorum

Beaked Panic Grass

Coleataenia anceps

Bermuda Grass

Cynodon dactylon

Variable Witchgrass

Dichantherium commutatum

Open-flower Witchgrass

Dichantherium laxiflorum

Witchgrass

Dichantherium sp.

Common Eastern Wild-rye

Elymus virginicus

Centipede Grass

Eremochloa ophiuroides

Sugarcane Plume Grass

Erianthus giganteus

Tall Fescue

Lolium arundinaceum

Italian Rye-grass

Lolium multiflorum

Two-flower Melic

Melica mutica

Japanese Stilt-grass

Microstegium vimineum

Florida Paspalum

Paspalum floridanum

Bahia Grass

Paspalum notatum

Vasey Grass

Paspalum urvillei

Annual Bluegrass

Poa annua

Coralbeads

Nephreria carolina

Sweet Autumn Clematis

Clematis terniflora

Sycamore

Platanus occidentalis

Sweet Gum

Liquidambar styraciflua

Raccoon-grape

Ampelopsis cordata

Muscadine

Muscadinia rotundifolia

rotundifolia

Summer Grape

Vitis aestivalis aestivalis

Fox Grape

Vitis labrusca

Frost Grape

Vitis vulpina

Virginia-creeper

Parthenocissus quinquefolia

Peppervine

Nekemias arborea

Tall Indigo-bush

Amorpha fruticosa

Hog-peanut

Amphicarpaea bracteata

Eastern Redbud

Cercis canadensis

Sericea Lespedeza

Lespedeza cuneata

Sicklepod

Senna obtusifolia

Low Hop Clover

Trifolium dubium

White Clover

Trifolium repens

Common Vetch

Vicia sativa sativa

Pennsylvania Blackberry

Rubus pensilvanicus

Southern Dewberry

Rubus trivialis

Autumn Silverberry

Elaeagnus pungens

Winged Elm

Ulmus alata

Slippery Elm

Ulmus rubra

Southern Hackberry

Celtis laevigata

Red Mulberry

Morus rubra

False-nettle

Boehmeria cylindrica

White Oak

Quercus alba

Laurel Oak

Quercus laurifolia

Swamp Chestnut Oak

Quercus michauxii

Water Oak

Quercus nigra

Cherrybark Oak

Quercus pagoda

Willow Oak

Quercus phellos

Shumard Oak

Quercus shumardii

Live Oak*Quercus virginiana***Common Wax-myrtle***Morella cerifera***Pignut Hickory***Carya glabra***Mockernut Hickory***Carya tomentosa***American Hornbeam***Carpinus caroliniana***American Hop-hornbeam***Ostrya virginiana***Hearts-a-burstin'-with-love***Euonymus americanus***Common Yellow Wood-sorrel***Oxalis stricta***St.-John's-wort***Hypericum* sp.**Swamp Cottonwood***Populus heterophylla***Black Willow***Salix nigra***Rhombic Copperleaf***Acalypha rhomboidea***Milk-purslane***Euphorbia maculata***Popcorn Tree***Triadica sebifera***Eastern Poison Ivy***Toxicodendron radicans radicans***Southern Sugar Maple***Acer floridanum***Eastern Box Elder***Acer negundo negundo***Eastern Red Maple***Acer rubrum rubrum***Red Buckeye***Aesculus pavia pavia***American Basswood***Tilia americana***Smartweed***Persicaria* sp.**Dock***Rumex* sp.**Alligator-weed***Alternanthera philoxeroides***Blackgum***Nyssa sylvatica***Southern Swamp Dogwood***Swida foemina***Carolina Phlox***Phlox carolina***American Persimmon***Diospyros virginiana***Cleavers***Galium aparine***Bedstraw***Galium* sp.**Partridge-berry***Mitchella repens***Carolina Jessamine***Gelsemium sempervirens***Coastal Rose-pink***Sabatia calycina***Spinypod***Matelea* sp.**Carolina Ponyfoot***Dichondra carolinensis***Coastal Morning-glory***Ipomoea cordatotriloba cordatotriloba***Smooth Ground-cherry***Physalis angulata***Carolina Horse-nettle***Solanum carolinense carolinense***Fringe-tree***Chionanthus virginicus***Water Ash***Fraxinus caroliniana***Green Ash***Fraxinus pennsylvanica***Glossy Privet***Ligustrum lucidum***Chinese Privet***Ligustrum sinense***Eastern Smooth Beardtongue***Penstemon laevigatus***Broad-leaved Plantain***Plantago rugelii***Virginia Plantain***Plantago virginica***Woolly Mullein***Verbascum thapsus thapsus***Carolina Wild-petunia***Ruellia caroliniensis***Cross-vine***Bignonia capreolata***Trumpet-creeper***Campsis radicans***Creeping Frogfruit***Phyla nodiflora nodiflora***Brazilian Vervain***Verbena brasiliensis***Beautyberry***Callicarpa americana***Savanna Obedient-plant***Physostegia purpurea***Self-heal***Prunella vulgaris***Lyreleaf Sage***Salvia lyrata***Florida Betony***Stachys floridana***American Holly***Ilex opaca***Yaupon***Ilex vomitoria***Coastal Tall Thistle***Cirsium nuttallii***Elephant's-foot***Elephantopus* sp.**Fireweed***Erechtites hieraciifolius***Philadelphia-daisy***Erigeron philadelphicus philadelphicus***Oak-leaved Fleabane***Erigeron quercifolius***Common Rough Fleabane***Erigeron strigosus strigosus***Common Horseweed***Erigeron canadensis***Common Dog-fennel***Eupatorium capillifolium***Late Eupatorium***Eupatorium serotinum***Cudweed***Gamochaeta* sp.**Beaked Hawkweed***Hieracium groenovii***Coastal Plain Lettuce***Lactuca graminifolia graminifolia***Climbing Hempweed***Mikania scandens***Marsh-fleabane***Pluchea* sp.**Bearsfoot***Smallanthus uvedalia***Leafy Pineywoods Goldenrod***Solidago tortifolia***Spinyleaf Sow-thistle***Sonchus asper***Starved Aster***Symphotrichum lateriflorum***Frostweed***Verbesina virginica***Common Elderberry***Sambucus canadensis***Small-leaf Viburnum***Viburnum obovatum***Japanese Honeysuckle***Lonicera japonica***Water-pennywort***Hydrocotyle* sp.**Marsh-parsley***Cyclosporum leptophyllum***Sanicle***Sanicula canadensis***Golden Chanterelle***Cantharellus cibarius***FAUNA****Red Imported Fire Ant***Solenopsis invicta***Eastern Pondhawk***Erythemis simplicicollis***Blue Dasher***Pachydiplax longipennis***Multicolored Asian Lady Beetle***Harmonia axyridis***Clouded Skipper***Lerema accius***Southern Toad***Anaxyrus terrestris*

Cope's Gray Treefrog

Hyla chrysoscelis

Green Treefrog

Hyla cinerea

Squirrel Treefrog

Hyla squirella

Red-shouldered Hawk

Buteo lineatus

Yellow-billed Cuckoo

Coccyzus americanus

Red-bellied Woodpecker

Melanerpes carolinus

Downy Woodpecker

Dryobates pubescens

Great Crested Flycatcher

Myiarchus crinitus

Eastern Wood-pewee

Contopus virens

Acadian Flycatcher

Empidonax vireescens

Blue Jay

Cyanocitta cristata

Fish Crow

Corvus ossifragus

Tufted Titmouse

Baeolophus bicolor

Carolina Wren

Thryothorus ludovicianus

Blue-gray Gnatcatcher

Poliophtila caerulea

Brown Thrasher

Toxostoma rufum

White-eyed Vireo

Vireo griseus

Prothonotary Warbler

Protonotaria citrea

Pine Warbler

Setophaga pinus

Northern Cardinal

Cardinalis cardinalis

Summer Tanager

Piranga rubra

NEW SPECIES

Ash Flower Gall Mite

Aceria fraxiniflora

Bacterial Crown Gall

Agrobacterium radiobacter

Land Snail

Stylommatophora sp.

Spittlebug

Cercopoidea sp.

Basketgrass

Oplismenus hirtellus

Wand Mullein

Verbascum virgatum

Great Mullein

Verbascum thapsus

Pinkladies

Oenothera speciosa

Soft Rush

Juncus effusus

Coinwort

Centrella erecta

Korean Clover

Kummerowia stipulacea

Hell Hole, Francis Marion Nat. Forest
Berkeley Co., SC
May 25-29, 2023

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 Kim McManus at scnaturalists76@gmail.com. Please indicate exactly to which flora/fauna list you are referring in the subject line of your message. Thank you.

FLORA

American Royal Fern

Osmunda spectabilis

Kunth's Maiden Fern

Pelazoneuron kunthii

Broad Beech Fern

Phegopteris hexagonoptera

Resurrection Fern

Pleopeltis michauxiana

Longleaf Pine

Pinus palustris

Loblolly Pine

Pinus taeda

Bald-cypress

Taxodium distichum

White Water-lily

Nymphaea odorata odorata

Tulip-tree

Liriodendron tulipifera

Sweetbay

Magnolia virginiana

Swamp Bay

Persea palustris

Elephant's-ear

Colocasia esculenta

Whiteleaf Greenbrier

Smilax glauca

Common Grass-pink

Calopogon tuberosus tuberosus

Savanna Iris

Iris tridentata

Pickerelweed

Pontederia cordata

Common Ten-angled Pipewort

*Eriocaulon decangulare
decangulare*

Narrowleaf Whitetop Sedge

Rhynchospora colorata

Common Bushy Bluestem

Andropogon glomeratus

Switch Cane

Arundinaria tecta

Centipede Grass

Eremochloa ophiuroides

Tall Fescue

Lolium arundinaceum

Bahia Grass

Paspalum notatum

Sweet Gum

Liquidambar styraciflua

Summer Grape

Vitis aestivalis aestivalis

Virginia-creeper

Parthenocissus quinquefolia

Peppervine

Nekemias arborea

Common Sensitive-plant

Chamaecrista nictitans nictitans

Matted Tick-trefoil

Desmodium lineatum

Tick-trefoil

Desmodium sp.

Sericea Lespedeza

Lespedeza cuneata

White Clover

Trifolium repens

Common Vetch

Vicia sativa sativa

Orange Milkwort

Polygala lutea

Cinquefoil

Potentilla sp.

Eastern Wild Black Cherry

Prunus serotina serotina

Pennsylvania Blackberry

Rubus pensilvanicus

Common Chinquapin

Castanea pumila

Sand Laurel Oak

Quercus hemisphaerica

Water Oak

Quercus nigra

Cherrybark Oak

Quercus pagoda

Live Oak

Quercus virginiana

Common Wax-myrtle

Morella cerifera

Common Yellow Wood-sorrel

Oxalis stricta

St. Andrew's Cross

Hypericum hypericoides

St.-John's-wort

Hypericum sp.

Primrose-leaf Violet

Viola primulifolia

Queen's-delight

Stillingia sylvatica

Winged Sumac

Rhus copallinum

Eastern Poison Ivy

Toxicodendron radicans radicans

Eastern Red Maple

Acer rubrum rubrum

Blackgum

Nyssa sylvatica

American Persimmon

Diospyros virginiana

Hooded Pitcherplant

Sarracenia minor minor

Coastal Sweet Pepperbush

Clethra alnifolia

Ti-ti

Cyrilla racemiflora

Dangleberry

Gaylussacia frondosa

Staggerbush

Lyonia mariana

Carolina Jessamine

Gelsemium sempervirens

Sandhills Milkweed

Asclepias humistrata

Few-flower Milkweed

Asclepias lanceolata

Savanna Milkweed

Asclepias longifolia

Swamp-forest Milkweed

Asclepias perennis

Butterfly-weed

Asclepias tuberosa

Eastern Anglepod

Gonolobus suberosus suberosus

Carolina Ponyfoot

Dichondra carolinensis

Eastern Smooth Beardtongue

Penstemon laevigatus

Broad-leaved Plantain

Plantago rugelii

Carolina Wild-petunia

Ruellia caroliniensis

Cross-vine

Bignonia capreolata

Purple Bladderwort

Utricularia purpurea

Floating Bladderwort

Utricularia radiata

Self-heal

Prunella vulgaris

Narrowleaf Skullcap

Scutellaria integrifolia

Little Gallberry

Ilex glabra

American Holly

Ilex opaca

Yaupon

Ilex vomitoria

Common Ragweed

Ambrosia artemisiifolia

Leopard's-bane
Arnica acaulis
Silverling
Baccharis halimifolia
Common Yellow Thistle
Cirsium horridulum horridulum
Coastal Tall Thistle
Cirsium nuttallii
Elephant's-foot
Elephantopus sp.
Common Rough Fleabane
Erigeron strigosus strigosus
Common Dog-fennel
Eupatorium capillifolium
Brazilian Cat's-ear
Hypochaeris chillensis
Appalachian Ragwort
Packera anonyma
Grass-leaved Golden-aster
Pityopsis graminifolia
Blackroot
Pterocaulon pycnostachyum
Black-eyed Susan
Rudbeckia hirta
Bearsfoot
Smallanthus uvedalia
American Aster
Symphotrichum walteri
Devil's-walking-stick
Aralia spinosa
Marsh Water-pennywort
Hydrocotyle umbellata
Centella
Centella erecta
Rattlesnake-master
Eryngium yuccifolium
Bearded Tooth
Hericium erinaceus
Destroying Angel
Amanita bisporigera

FAUNA

Fishing Spider
Dolomedes vittatus
Wolf Spider
Lycosidae family
Lone Star Tick
Amblyomma americanum
Backswimmer
Notonecta irrorata
Red Imported Fire Ant
Solenopsis invicta
Carpenter Bee
Xylocopa sp.
Southern Plains Bumblebee
Bombus fraternus
Cypress Twig Gall (midge)
Taxodiomyia cupressiananassa
Mosquito
Aedes atlanticus

Eastern Pondhawk
Erythemis simplicicollis
Great Blue Skimmer
Libellula vibrans
Spotted Pelidnota
Pelidnota punctata
Eastern Tiger Swallowtail
Pterourus glaucus
Summer Azure
Celastrina neglecta
Pearl Crescent
Phyciodes tharos
Hackberry Emperor
Asterocampa celtis
Gemmed Satyr
Cyllopsis gemma
Monarch
Danaus plexippus
Appalachian Brown
Lethe appalachia
Confused Eusarca Moth
Eusarca confusaria
Chain Pickerel
Esox niger
Eastern Mosquitofish
Gambusia holbrooki
Banded Sunfish
Enneacanthus obesus
Oak Toad
Anaxyrus quercicus
Southern Toad
Anaxyrus terrestris
Eastern Narrow-mouthed Toad
Gastrophryne carolinensis
Southern Cricket Frog
Acris gryllus
Cope's Gray Treefrog
Hyla chrysoscelis
Green Treefrog
Hyla cinerea
Pine Woods Treefrog
Hyla femoralis
Squirrel Treefrog
Hyla squirella
Little Grass Frog
Pseudacris ocularis
American Bullfrog
Lithobates catesbiana
Bronze Frog
Lithobates clamitans clamitans
Frog
Lithobates sp.
American Alligator
Alligator mississippiensis
Green Anole
Anolis carolinensis
Eastern Fence Lizard
Sceloporus undulatus
Common Five-lined Skink
Plestiodon fasciatus
Broad-headed Skink
Plestiodon laticeps

Ground Skink
Scincella lateralis
Eastern Glass Lizard
Ophisaurus ventralis
Black Racer
Coluber constrictor
Eastern Ratsnake
Pantherophis alleghaniensis
Mud Snake
Farancia abacura
Plain-bellied Water Snake
Nerodia erythrogaster
Banded Water Snake
Nerodia fasciata
Brown Water Snake
Nerodia taxispilota
Copperhead
Agkistrodon contortrix
Timber Rattlesnake
Crotalus horridus
Black-crowned Night-Heron
Nycticorax nycticorax
Little Blue Heron
Egretta caerulea
Snowy Egret
Egretta thula
Cattle Egret
Bubulcus ibis
Great Egret
Ardea alba
Wood Stork
Mycteria americana
Turkey Vulture
Cathartes aura
Black Vulture
Coragyps atratus
Mississippi Kite
Ictinia mississippiensis
Swallow-tailed Kite
Elanoides forficatus
Red-shouldered Hawk
Buteo lineatus
Wild Turkey
Meleagris gallopavo
Mourning Dove
Zenaida macroura
Yellow-billed Cuckoo
Coccyzus americanus
Barred Owl
Strix varia
Chuck-will's-widow
Antrostomus carolinensis
Great Crested Flycatcher
Myiarchus crinitus
Eastern Phoebe
Sayornis phoebe
Acadian Flycatcher
Empidonax virescens
Blue Jay
Cyanocitta cristata
American Crow
Corvus brachyrhynchos

Fish Crow

Corvus ossifragus

Brown-headed Nuthatch

Sitta pusilla

Blue-gray Gnatcatcher

Poliophtila caerulea

Eastern Bluebird

Sialia sialis

Northern Mockingbird

Mimus polyglottos

Prothonotary Warbler

Protonotaria citrea

Northern Parula

Setophaga americana

Hooded Warbler

Setophaga citrina

Yellow-throated Warbler

Setophaga dominica

Pine Warbler

Setophaga pinus

Common Yellowthroat

Geothlypis trichas

Northern Cardinal

Cardinalis cardinalis

Eastern Towhee

Pipilo erythrophthalmus

Red-winged Blackbird

Agelaius phoeniceus

Brown-headed Cowbird

Molothrus ater

Common Grackle

Quiscalus quiscula

Summer Tanager

Piranga rubra

Hispid Cotton Rat

Sigmodon hispidus

Bobcat

Lynx rufus

Feral Pig

Sus scrofa

White-tailed Deer

Odocoileus virginianus

NEW SPECIES**Feather-legged Scoliid Wasp**

Dielis plumipes

Leeches

Hirudinea sp.

Korean Clover

Kummerowia stipulacea

Hairy Bushclover

Lespedeza hirta

slenderleaf false dragonhead

Physostegia leptophylla

Carolina vervain

Verbena carnea