May 2023

The weather is warming and spring in many places is just starting to wane. However...This past month has been incredible! Two really interesting trips in one month! How about that!

Our normally scheduled ramble...in April...was a visit to Spring Island along the coast. I could not make that one...but have pictures from Tom Austin who led the trip.

Also, we had a Director's Special in April, too. Tom Austin led that trip to Jehossee Farm along the coast, as well. I have a few pictures from that. Quite interesting.

We 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.

From Tom Austin...

Spring Island is a private conservation community situated on a small 3,000-acre sea island nestled between the Chechessee and Colleton Rivers and straddled by the cities of Bluffton and Beaufort, SC. The development of Spring Island was initiated about 1990. Its master plan incorporated the conservation of large areas of greenspace and natural habitats in its design, alongside the siting of homes and creation of amenities for residents. There were two roughly 500-acre nature preserves set aside in the master plan as permanent conservation areas as well as numerous relatively natural common areas. These preserves are owned and conserved by the Spring Island Trust, who also manages the natural habitats across the Island and runs the Island's educational programs. Spring Island has large swings in elevation across the island, which is atypical of South Carolina's sea islands. This results in a diverse assortment of environmental conditions that can support a wide range of ecosystems. This promotes biodiversity of both plants and animals. So, expect to see not just our typical maritime and coastal critters but also species from all across the Lowcountry and even some more typical of the western Sandhills.

Ron Ahle gets credit for the group picture, (below). Here's who attended...in no particular order:

Tony Mills & Andy Jones (with Spring Island Trust), Dave Kastner, Marty Kastner, Tom Austin, Alison Smith, Mark Cujak, Ron Ahle, Angela Valvasori, Jerry Bright, Todd Johnston, Jeff Kline, John Demko, Jon Astor, Tessa Graham, and Gail Rahn.



A few pictures from Tom's camera...



A chair with instructions.



Bird watching beneath the Live Oaks.



Our trusty steed for the day.



The group ascending Star Mountain.



The view from atop Star Mountain.



Star-struck SCANners posing with local TV star Tony Mills.

We also had a Director's Special to Jehossee Farm.

Jehossee Farm is a 485-acre privately protected property on Edisto Island. About half of that area is salt marsh. The remainder is a diverse mix of quintessential sea island habitats, including a tidal impoundment and broad areas of both maritime fringe forest and brackish marsh. The property has a known population of Eastern Diamondback Rattlesnakes. Eastern Black Rails have been documented on the property. Black-bellied Whistling-Ducks and Roseate Spoonbills are commonly seen in the tidal ponds. The property is also near Bear Island WMA and the ACE Basin NWR, so most any spring migratory bird is possible! Several species of uncommon coastal butterflies have been seen on the property too. *The full species list will be distributed in a later newsletter.*

Kim McManus gets credit for the group picture, (below). Here's who attended...in no particular order:

Phillip Harpootlian, Dave Kastner, Marty Kastner, Tom Austin, Dave Schuetrum, Jeff Kline, Scott Wietecha, John Demko, Claudia Stratmann, Johannes Stratmann, Lynda Curtis, Kevin Curtis, Frank Fleming, Bill Twomey, Nora Futrell, Jake Zadik, & (not in photo) Jon Astor & Duke Hagerty.



A few pictures from Dave's camera...



We all met at Legacy Live Oak Memorial Park, a convenient parking place off property, to get organized.



A few of the gang started to show up. We all mostly know each other.



I don't know what it was...



There's Duke. He was the guy who bought the place to keep it from being developed. I have discovered that we are surrounded by unassuming almost invisible people who are saving some of the last vestiges of important lands from development. What a great way to leave a legacy.



The tide was out and the marsh sure looked inviting.



We rambled as Duke told us about this place. He also told us the story about his favorite dog...a Labrador Retriever. It stuck with me in particular. They went everywhere. The dog was grabbed by an alligator, bitten by a Diamondback, and even got lost away from home and the cops brought him home from a nearby bar in the early morning. They all knew him. What a life.

Our next adventure will be Saturday May 27th to Francis Marion Forest / Old Santee Canal Park. Dave Schuetrum President

Francis Marion National Forest - Hell Hole Swamp / Old Santee Canal Park

BERKELEY COUNTY, SC May 25th – 29th, 2023

Thursday - Monday

For the 11th year, SCAN will join the naturalist group Under a Low Country Moon (ULCM) for their annual interpretive weekend. ULCM has been gathering over Memorial Day weekend since 2001. The group focuses on snake, frog and turtle spotting throughout the Francis Marion National Forest. Teams and individuals slowly travel the dirt roads in vehicles and on bicycles, watching for snakes and other critters. Stops are made at pitcher plant bogs, ponds, pine forests and cypress swamps for on-foot exploration. The fun doesn't stop when the sun goes down! Evening road cruises are often the highlight of the weekend. Back at camp, folks gather around the fire to tell tall tales and roast a few marshmallows.

For the folks who wish to camp, follow the directions to the grassy field that serves as home base just off Hwy 41 on Hell Hole Road. This is primitive camping, so plan to "pack it in, pack it out." The first campers typically set up Thursday evening and the last tents are struck around midmorning on Monday. For those who prefer hot showers on occasion, there are several hotels about 30 – 45 minutes away in Moncks Corner or Mount Pleasant.

Restrooms are available at the Circle K / BP in Jamestown, approximately 15 minutes away from camp.

Notes:

- Hell Hole Road has several large mud bog areas and is now **impassable** unless you're rolling in a lifted mud-bogger. Plan for on-foot exploration. Bicycles are a good alternative if that's more your style.
- The mosquitoes will be out in full force. Stock up on Thermacells, bug spray and long-sleeved shirts.
- The Subway located inside the Circle K has not been open consistently in recent years. Have a plan B in mind if you usually get sandwiches from this shop.

Saturday: 10:30 am start

SCAN's official outing day is Saturday. This year, we're exploring Old Santee Canal Park/Fort Fair Lawn on the Cooper River up in Moncks Corner. The 195-acre Old Santee Canal Park has a rich history on display, diverse ecosystems atypical of the coastal plain, many trails and boardwalks, kayak access, and an impressive interpretive center. Right next door inside the park is also the Berkeley County Museum and just beyond that is the newly opened 80-acre Fort Fair Lawn which gives us several more habitat types and another more trails to explore.

Old Santee Canal Park has a <u>\$5 admission</u> fee (\$3 for seniors/military). There are restrooms at the park. Additionally, please note that the park is having a Native Plant Festival the same Saturday from 9am to 1pm. So the parking area of the park will be busier and noisier than normal that morning. Thankfully the park is very long

For more information visit:

https://www.oldsanteecanalpark.org/Explore/Index.aspx

https://www.berkeleymuseum.org/visit-us

https://www.battlefields.org/visit/battlefields/fort-fair-lawn

Directions to Hell Hole Campground:

Forest Road 158 / Hell Hole Road 33.17825, -79.76649

From the Interstate:

- 1. From 1-26E, take exit 194 towards Road 16 / Jedburg / Pinopolis
- 2. Turn LEFT on Jedburg Rd and go 5.1 miles.
- 3. Turn RIGHT on US-176E and go 0.4 miles.
- 4. Turn LEFT on Black Tom Road / State Road S-8-467 and go 5.7 miles.
- 5. Keep RIGHT to continue on State Road S-8-413 and go 0.2 miles.
- 6. Turn LEFT at the 2nd cross street onto US-17 Alt N / South Live Oak Drive and go 5.5 miles.
- 7. Use the left 2 lanes to turn slightly LEFT onto US-17 Alt N / US-52 W / N US Hwy 52 and go 1.9 miles.
- 8. Take a slight RIGHT onto US-17 Alt N and go 5.6 miles.
- 9. Turn RIGHT onto Bethera Road / State Road S-8-48.
- 10. After 0.2 miles, continue on Bethera Road and go 5.4 miles.
- 11. Turn RIGHT onto SC-41 S and go 2.5 miles.
- 12. Turn LEFT onto Hell Hole Road / Forest Road 158.
- 13. Take the first RIGHT into the campground.

From Charleston, SC to Hell Hole Road, Huger, SC

- 1. Merge onto US-17 N / Arthur Ravenel Jr Bridge / Septima Clark Pkwy via the ramp to Mt Pleasant
- 2. At the end of the bridge, stay LEFT to continue on US-17 N / N Hwy 17 and go 7.7 miles.
- 3. Use the left 2 lanes to turn LEFT onto SC-41 N and go 5.4 miles.
- 4. Continue onto Clements Ferry Road / State Road S-8-33 for 0.1 miles.
- 5. Turn right onto SC-41 N and go 17.7 miles.
- 6. Turn RIGHT onto Hell Hole Road / Forest Road 158.
- 7. Take the first RIGHT into the campground.

Please note that Google Maps will take you to a different part of Hell Hole Road if you simply punch in "Hell Hole Road." Make sure you're navigating to the intersection of Hell Hole Road and Hwy 41. (Hell Hole Road is impassable from the Farewell Corner Road direction.) There are lots of dead zones and cell phone coverage is spotty. Texts work better than phone calls most of the time.

Directions to Old Santee Canal Park:

Stoney Landing Road, Moncks Corner, SC 33.19399, -79.97365

From Hell Hole Campground (~30 minutes):

- 1. Turn Right on SC-41 toward Boggy Head Rifle Range and drive 2.5 miles.
- 2. Turn LEFT on Bethera Road and drive 10.1 miles.
- 3. Turn LEFT on US-17 Alt S (at the road end) and drive 5.5 miles.
- 4. Turn LEFT on US-52 S (at the road end) and drive 1.3 miles.
- 5. Turn LEFT on US-52 Bypass S (at the first light after the canal bridge) and drive 1.1 miles.
- 6. Turn LEFT sharply onto Stoney Landing Road (at the first light) and travel \sim 0.7 miles to the gate.
- 7. Pay the \$5 admission fee at the gate and head into the park. Two parking lots are be on the left.

If you have questions about the weekend, please Kim McManus: scnaturalists76@amail.com

Old Santee | Lake Moultrie & Fort Fair Lawn Map **Old Santee Canal Park** MAP KEY Alligator Loop = .50 miles
Canal Trail = 1 miles
Fitness Trail = .75 miles Osprey Loop = .25 miles Woodland Trail = .50 miles ☑ Shelter
 ☑ Picnic Shelter
 ♠ Observation Point
 ₱ Parking
 ★ Restrooms
 ὧ Canoe Rental Park Entrance Biggin Creek Museum and Heritage Center Tailrace Canal Stony Shelter Old Whitesville Schoolhouse Tailrace Canal Interpretive Center Stony Landing

House Learning Center Biggin Creek Children's Garden F Patriot Trail Fort Fair Lawn Colleton Trail 3 Little David Shelter H Park Entrance Inner Fort Loop Berkeley County Museum and Heritage Center Stony Shelter Old Whitesville Schoolhouse Cooper River Outer Fort Loop 1 Interpretive Center Stony Landing House Cooper River Loyalist Loop

Spring Island Beaufort Co., SC April 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. Thank you.

FLORA

Cinnamon Fern

Osmundastrum cinnamomeum

Bracken

Pteridium aquilinum

Ebony Spleenwort

Asplenium platyneuron

Sensitive Fern

Onoclea sensibilis

Virginia Chain Fern

Anchistea virginica

Netted Chain Fern

Lorinseria areolata

Resurrection Fern

Pleopeltis michauxiana

Slash Pine

Pinus elliottii elliottii

Longleaf Pine

Pinus palustris

Loblolly Pine

Pinus taeda

Southern Red Cedar

Juniperus silicicola

Bald-cypress

Taxodium distichum

Lizard's-tail

Saururus cernuus

Tulip-tree

Liriodendron tulipifera

Southern Magnolia

Magnolia grandiflora

Swamp Bay

Persea palustris

Sassafras

Sassafras albidum

Duckweed

Landoltia punctata

Duckweed

Lemna sp.

Mud-midgets

Wolffiella gladiata

Dune Greenbrier

Smilax auriculata

Catbrier

Smilax bona-nox bona-nox

Whiteleaf Greenbrier

Smilax glauca

Sarsaparilla-vine

Smilax pumila

Jackson-brier

Smilax smallii

Grass-leaved Ladies'-tresses

Spiranthes praecox

Blue-eyed-grass

Sisyrinchium sp.

Curlyleaf Yucca

Yucca filamentosa

Mound-lily Yucca

Yucca gloriosa

Dwarf Palmetto

Sabal minor

Cabbage Palmetto

Sabal palmetto

Saw Palmetto

Serenoa repens

Pickerelweed

Pontederia cordata

Common Cattail

Typha latifolia

Spanish-moss

Tillandsia usneoides

Rush

Juncus dichotomus

Common Rush

Juncus effusus solutus

Black Needle Rush

Juncus roemerianus

Sedge

Carex sp.

Umbrella Sedge

Cyperus virens

Nutrush

Scleria sp.

Common Bushy Bluestem

Andropogon glomeratus

Old-field Broomstraw

Andropogon virginicus

Switch Cane

Arundinaria tecta

Slender Spikegrass

Chasmanthium laxum

Longleaf Spikegrass

Chasmanthium sessiliflorum

Beaked Panic Grass

Coleataenia anceps

Bermuda Grass

Cynodon dactylon

Needle-leaf Witchgrass

Dichanthelium aciculare Variable Witchgrass

Dichanthelium commutatum

Velvet Witchgrass

Dichanthelium scoparium

Witchgrass

Dichanthelium sp.

Saltgrass

Distichlis spicata

Centipede Grass

Eremochloa ophiuroides

Plumegrass

Erianthus sp.

Italian Rve-grass

Lolium multiflorum

Hairgrass

Muhlenbergia capillaris

Switchgrass

Panicum virgatum

Bahia Grass

Paspalum notatum

Vasev Grass

Paspalum urvillei

Saltmarsh Cordgrass

Spartina alterniflora

Sand Cordgrass

Spartina bakeri

Coastal Dropseed

Sporobolus virginicus

St. Augustine Grass
Stenotaphrum secundatum

Sweet Gum

Liquidambar styraciflua

Witch-hazel

Hamamelis virginiana

Muscadine

Muscadinia rotundifolia

rotundifolia

Summer Grape

Vitis aestivalis aestivalis

Fox Grape

Vitis labrusca

Virginia-creeper

Parthenocissus quinquefolia

Peppervine

Nekemias arborea

Mimosa

Albizia julibrissin

Common Sensitive-plant

Chamaecrista nictitans nictitans

Tick-trefoil

Desmodium paniculatum

paniculatum

Coral Bean

Erythrina herbacea

Sericea Lespedeza

Lespedeza cuneata Virginia Lespedeza

Lespedeza virginica

Perennial Sand Bean

Strophostyles umbellata

Low Hop Clover

Trifolium dubium

Common Vetch

Vicia sativa sativa

Carolina Laurel Cherry

Prunus caroliniana

Eastern Wild Black Cherry

Prunus serotina serotina

Sand Blackberry

Rubus cuneifolius

Pennsylvania Blackberry

Rubus pensilvanicus

Southern Dewberry

Rubus trivialis

Slippery Elm

Ulmus rubra

Southern Hackberry

Celtis laevigata

Red Mulberry

Morus rubra

False-nettle

Boehmeria cylindrica

Bluff Oak

Quercus austrina

Sand Laurel Oak

Quercus hemisphaerica

Laurel Oak

Quercus laurifolia

Swamp Chestnut Oak

Quercus michauxii

Water Oak

Quercus nigra

Cherrybark Oak

Quercus pagoda

Live Oak

Quercus virginiana

Common Wax-myrtle

Morella cerifera

Pignut Hickory

Carya glabra

Pecan

Carya illinoinensis

Mockernut Hickory

Carya tomentosa

River Birch

Betula nigra

Common Yellow Wood-sorrel

Oxalis stricta

Wood-sorrel

Oxalis sp.

St. Andrew's Cross

Hypericum hypericoides

Yellow Passionflower

Passiflora lutea

Black Willow

Salix nigra

Tread-softly

Cnidoscolus stimulosus

Popcorn Tree

Triadica sebifera

Seedbox

Ludwigia sp.

Cutleaf Evening-primrose

Oenothera laciniata

Winged Sumac

Rhus copallinum

Eastern Poison Ivy

Toxicodendron radicans radicans

Eastern Red Maple

Acer rubrum rubrum

Arrowleaf Sida

Sida rhombifolia rhombifolia

American Basswood

Tilia americana

Hairy Pinweed

Lechea mucronata

Red Dock

Rumex acetosella pyrenaicus

Alligator-weed

Alternanthera philoxeroides

Woody Glasswort

Salicornia ambigua

Glasswort

Salicornia sp.

Blackgum

Nyssa sylvatica

Southern Swamp Dogwood

Swida foemina

American Persimmon

Diospyros virginiana

Sweetleaf

Symplocos tinctoria

Dangleberry

Gaylussacia frondosa

Shining Fetterbush

Lyonia lucida

Swamp Azalea

Rhododendron viscosum

Sparkleberry

Vaccinium arboreum

Southern Highbush Blueberry

Vaccinium formosum

Southern Evergreen Blueberry

Vaccinium myrsinites

Buttonbush

Cephalanthus occidentalis

Bedstraw

Galium sp.

Carolina Jessamine

Gelsemium sempervirens

Carolina Ponyfoot

Dichondra carolinensis

Coastal Morning-glory

Ipomoea cordatotriloba

cordatotriloba

Saltmarsh Morning-glory

Ipomoea sagittata

Common Jacquemontia

Jacquemontia tamnifolia

Dune Ground-cherry *Physalis walteri*

Polypremum

Polypremum procumbens

Common Toadflax

Linaria canadensis

Texas Toadflax

Linaria texana

Virginia Plantain

Plantago virginica

Corn Speedwell

Veronica arvensis

Cross-vine

Bignonia capreolata

Trumpet-creeper

Campsis radicans

Bladderwort

Utricularia sp.

Common Lantana

Lantana strigocamara

Brazilian Vervain

Verbena brasiliensis

Beautyberry

Callicarpa americana

Narrowleaf Skullcap

Scutellaria integrifolia

South American Skullcap

Scutellaria racemosa Senna Seymeria

Seymeria cassioides

Little Gallberry

Ilex glabra

American Holly

Ilex opaca

Yaupon
Ilex vomitoria

Venus's Looking-glass

Triodanis perfoliata

Wahlenbergia

Wahlenbergia marginata

False-willow

Baccharis angustifolia

Silverling
Baccharis halimifolia

Silver Seaside Oxeve

Borrichia frutescens Coastal Tall Thistle

Cirsium nuttallii

Elephant's-foot *Elephantopus* sp.

Common Rough Fleabane

Erigeron strigosus strigosus Common Horseweed

Erigeron canadensis

Common Dog-fennel

Eupatorium capillifolium

Coastal Dog-fennel
Eupatorium compositifolium

Common Roundleaf Eupatorium

Eupatorium rotundifolium Carolina Goldentop

Euthamia caroliniana

Trampweed

Facelis retusa

Cudweed

Gamochaeta sp.

Brazilian Cat's-ear

Hypochaeris chillensis

Southern Maritime Marsh-elder

Iva frutescens frutescens

Dwarf-dandelion

Krigia sp.

Snowy Black-anthers

Melanthera nivea

Grass-leaved Golden-aster

Pityopsis graminifolia

Fragrant Rabbit-tobacco

Pseudognaphalium obtusifolium

Blackroot

Pterocaulon pycnostachyum

False-dandelion

Pyrrhopappus carolinianus

Bearsfoot

Smallanthus uvedalia

Tall Goldenrod

Solidago altissima altissima

Southern Seaside Goldenrod

Solidago mexicana

Leafy Pineywoods Goldenrod

Solidago tortifolia

Frostweed

Verbesina virginica

Common Elderberry

Sambucus canadensis

Japanese Honeysuckle

Lonicera japonica

Devil's-walking-stick

Aralia spinosa

Marsh Water-pennywort

Hydrocotyle umbellata

Marsh-parsley

Cyclospermum leptophyllum

Horsesugar Fungal Gall

Exobasidium symploci

Brittle-gill

Russula sp.

Ringless Honey Mushroom

Armillariella tabascens

FAUNA

Rough Sea-squirt

Styela plicata

Marsh Periwinkle

Littorina irrorata

Ribbed Mussel

Geukensia demissa

Common Blue Crab

Callinectes sapidus

Square-back Marsh Crab

Sesarma cinereum

Atlantic Sand Fiddler Crab

Uca pugilator

Bowl-and-doily Spider

Frontinella pyramitela

Chigger

Trombicula alfreddugesi

Lone Star Tick

Amblyomma americanum

Grasshopper

Orphulella pelidna

Water-strider

Gerris sp.

Spittlebug

Prosapia sp.

Hickory Leaf Gall (aphid)

Phylloxera caryoecaulis

Red Imported Fire Ant

Solenopsis invicta

Paper Wasp (nest)

Polistes sp.

Eastern Carpenter Bee

Xylocopa virginica

Lovebug

Plecia nearctica

Deer Fly

Chrysops sp.

Swamp Darner

Epiaeschna heros

Eastern Pondhawk

Erythemis simplicicollis

Seaside Dragonlet

Erythrodiplax berenice

Little Blue Dragonlet

Erythrodiplax minuscula

Needham's Skimmer

Libellula needhami

Blue Dasher

Pachydiplax longipennis

Carolina Saddlebags

Tramea carolina

Rambur's Forktail

Ischnura ramburi

Palamedes Swallowtail

Pterourus palamedes

Cloudless Sulphur

Phoebis sennae

Little Yellow

Pvrisitia lisa

Variegated Fritillary

Euptoieta claudia

Pearl Crescent

Phyciodes tharos

Mourning Cloak

Nymphalis antiopa

American Lady

Vanessa virginiensis

Red Admiral

ea Aamirai Vanessa atalanta

Common Buckeye

Junonia coenia

Viceroy

Limenitis archippus

Hackberry Emperor

Asterocampa celtis

Carolina Satyr

Hermeuptychia sosybius

Carolina/Intricate Satyr

Hermeuptychia sp

Monarch

Danaus plexippus

Horace's Duskywing

Erynnis horatius

Sachem

Atalopedes campestris

Whirlabout

Hedone vibex

Yucca Giant-skipper

Megathymus yuccae

Large Lace-border Moth

Scopula limboundata enucleata

Eight-spotted Forester Moth

Alypia octomaculata

Mummichog

Fundulus heteroclitus

Eastern Mosquitofish

Gambusia holbrooki

Eastern Newt

Notophthalmus viridescens

Southern Toad

Anaxyrus terrestris

Green Treefrog

Hyla cinerea

Squirrel Treefrog *Hyla squirella*

Frog

Lithobates sp.

American Alligator

Alligator mississippiensis

Yellow-bellied Slider

Trachemys scripta

Eastern Mud Turtle

Kinosternon subrubrum

Eastern Musk Turtle

Sternotherus odoratus Green Anole

Anolis carolinensis

Broad-headed Skink

Plestiodon laticeps

Black Racer Coluber constrictor

Anhinga

Anhinga anhinga

Double-crested Cormorant

Phalacrocorax auritus

Black-crowned Night-Heron

Nycticorax nycticorax

Green Heron *Butorides virescens*

Tricolored Heron

Egretta tricolor

Little Blue Heron

Egretta caerulea
Snowy Egret

Egretta thula

Cattle Egret
Bubulcus ibis

Great Blue Heron

Ardea herodias

Great Egret

Ardea alba

Wood Stork

Mycteria americana

White Ibis

Eudocimus albus

Roseate Spoonbill

Platalea ajaja

Wood Duck

Aix sponsa

Solitary Sandpiper

Tringa solitaria

Willet

Tringa semipalmata

Spotted Sandpiper

Actitis macularius

Laughing Gull

Leucophaeus atricilla

Forster's Tern

Sterna forsteri

Turkey Vulture

Cathartes aura

Black Vulture

Coragyps atratus

Bald Eagle

Haliaeetus leucocephalus

Mississippi Kite

Ictinia mississippiensis

Red-shouldered Hawk

Buteo lineatus

Red-tailed Hawk

Buteo jamaicensis

Mourning Dove

Zenaida macroura

Chimney Swift

Chaetura pelagica

Ruby-throated Hummingbird

Archilochus colubris

Red-bellied Woodpecker

Melanerpes carolinus

Red-headed Woodpecker

Melanerpes erythrocephalus

Downy Woodpecker

Dryobates pubescens

Pileated Woodpecker

Dryocopus pileatus

Eastern Kingbird

Tyrannus tyrannus

Great Crested Flycatcher

Myiarchus crinitus

Eastern Wood-pewee

Contopus virens

Purple Martin

Progne subis

Barn Swallow

Hirundo rustica

Blue Jay

Cyanocitta cristata

American Crow

Corvus brachyrhynchos

Tufted Titmouse

Baeolophus bicolor

Carolina Chickadee

Poecile carolinensis

White-breasted Nuthatch

Sitta carolinensis

Brown-headed Nuthatch

Sitta pusilla

Carolina Wren

Thryothorus ludovicianus

Ruby-crowned Kinglet

Regulus calendula

Blue-gray Gnatcatcher

Polioptila caerulea

Eastern Bluebird

Sialia sialis

Loggerhead Shrike

Lanius ludovicianus

Gray Catbird

Dumetella carolinensis

Northern Mockingbird

Mimus polyglottos

White-eyed Vireo

Vireo griseus

Red-Eyed Vireo

Vireo olivaceus

Black-and-white Warbler

Mniotilta varia

Northern Parula

Setophaga americana

Yellow-rumped Warbler

Setophaga coronata

Yellow-throated Warbler

Setophaga dominica

Pine Warbler

Setophaga pinus

Common Yellowthroat

Geothlypis trichas

Northern Cardinal

Cardinalis cardinalis

Indigo Bunting

Passerina cyanea

Painted Bunting

Passerina ciris

Eastern Towhee

Pipilo erythrophthalmus

Chipping Sparrow

Spizella passerina

Red-winged Blackbird Agelaius phoeniceus

Brown-headed Cowbird

Molothrus ater

Common Grackle

Ouiscalus quiscula

Boat-tailed Grackle

Ouiscalus major **Summer Tanager**

Piranga rubra

House Finch

Haemorhous mexicanus

Nine-banded Armadillo Dasypus novemcinctus

Eastern Gray Squirrel

Sciurus carolinensis

Eastern Fox Squirrel

Sciurus niger

Southern Fox Squirrel

Sciurus niger niger

Bobcat

Lynx rufus

White-tailed Deer

Odocoileus virginianus

FOSSILS

Eastern Oyster

Crassostrea virginiana

NEW SPECIES

Winter Bentgrass

Agrostis hyemalis

Great Southern White

Ascia monuste

Smoothcap Moss

Atrichum sp.

Carpet Moss

Bryophyta sp.

Goldenmane Coreopsis

Coreopsis basalis

Mosquito

Culicidae sp.

Hairy Rosette-Grass

Dichanthelium acuminatum

Bee-Mimic Robberfly

Laphria sp.

Uhler's Water Bug

Lethocerus uhleri

Water Strider

Limnoporus canaliculatus Gossamer-winged Butterfly

Lycaenidae sp. **Groundsel-Bush Stem Gall Fly**

Neolasioptera lathami

Basketgrass Oplismenus hirtellus

Live Oak Tussock Moth

Orgyia detrita

Atlantic Grasshopper

Paroxya atlantica

Little Paper Wasp

Polistes bellicosus **Red Swamp Crayfish**

Procambarus clarkia

Subterranean Termite

Rhinotermitidae sp. **Spottail Bass**

Sciaenops ocellatus

Groundselbush Beetle Trirhabda bacharidis