



SOUTH CAROLINA ASSOCIATION OF NATURALISTS

SCAN

PO Box 24911

Columbia, SC 29224

www.scnaturalists.org

January 2024

Hello SCAN members!

In December we had an earlier than normal get together. Mostly we meet on the fourth Saturday of each month, but with Christmas coming up we met on the second Saturday instead. This time it was to Kalmia Gardens with Segars-McKinnon Heritage Preserve across the creek. Todd Johnston was our Regional Director who got things set up for us and he had a good grasp of the place. Kalmia Gardens...located in Darlington County, is over 30 acres of public gardens outside of Hartsville, SC. The gardens are highlighted by a 60' bluff that leads down to Black Creek, a blackwater swamp with boardwalks and an artesian well. The trail continues into the nearly 800-acre Segars-McKinnon Heritage Preserve.



We had an interesting crowd of Naturalists...more than I would have expected for this time of year. In no particular order...we had Alison Smith, David Schuetrum, Lee Morris, Caroline Eastman, Jerry Bright, Todd Johnston, Kim McManus, Tom Austin, David Kastner, Marty Kastner, Rita Zollinger, Ron Ahle, Angela Valvasori, Becky Brown, Jim Boylston, Kate Hartley, Julianna Nyikos, Layla Nyikos, Carol Gist and Jeff Kline.



A few photos from Dave Schuetrum's camera:



There's Tom Austin already starting his day's species list.



I teamed up with Ron Ahle, Angela Valvasori, and Tom Austin. We wanted to go see the Heritage Preserve site on the other side of the creek first. Heading down the bluff on the boardwalk to get to the other side.



We spent a good bit of time on the boardwalks. It allows you to cross all sorts of habitats and not get wet.

A few photos from Tom Austin's camera:



We found a very cooperative Blue-headed Vireo (*Vireo solitarius*) on top of the bluff, right after we had finished talking about how uncooperative they tend to be.



There was also a big ol' Scarlet Oak (*Quercus coccinea*) on the bluff with some good late fall foliage.



It was even warm enough out in December for the River Cooters (*Pseudemys concinna*) to be out basking.



Along the pond were these Woolly Alder Aphids (*Prociphilus tessellatus*) that were happily sucking the life out of a Hazel-Alder.



One the way back we spotted this mammoth Oyster Mushroom (*Pleurotus ostreatus*) in the floodplain!

Our next gathering will be our Annual Meeting on Saturday, January 27, 2024.

We will be meeting at **Saluda Shoals Park** located in Columbia. The address is: **5605 Bush River Road, Columbia, SC 29212**. It will be in the **Environmental Center** where we have the auditorium reserved. Tell the person at the entrance to the Park that you are with the SCAN gathering so you won't be charged an entrance fee. We have the auditorium reserved from 9am to 5pm. The Park has a good trail system, too. You can bring your own lunch or go downtown to forage for food. Also, the Park has tables and if you want to do a book and gear swap...or just want to get rid of some stuff...bring it in!

This year our 4 speakers are Steve Bennett, James Welch, Becky Brown, and Tom Austin. A great line up!

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Steve Bennett will present a talk about **Amphibians and Reptiles in South Carolina**: with a focus on less well-known species.

Steve attended the University of Georgia where he worked on both his BS and MS degrees in Zoology. His research for the MS degree focused on amphibian and reptile ecology. Steve worked at the Savannah River Ecology Lab with Dr. Whit Gibbons, his major professor and long-time friend and mentor.

In 1980 Steve took a job with the S.C. Wildlife and Marine Resources Dept., soon to become the S.C. Department of Natural Resources (DNR). Steve was hired as the Zoologist for the Heritage Trust Program and tasked with the collection of and use of zoological data in the identification and protection of significant natural areas in S.C. He also worked with the Nongame Program on projects involving rare and declining amphibians and reptiles. During his 32-year tenure with DNR, he gradually shifted to his primary focus, and first love, and became the Herpetologist for the agency. During the last 20 years of his career Steve directed projects on the eastern diamondback rattlesnake, the gopher tortoise, the gopher frog, flatwoods salamander and other pond breeding amphibians as well as general amphibian and reptile surveys on public land. Steve was also the primary contact for anyone, especially in the midlands, who needed information about amphibians and reptiles. Steve retired in 2012 but still gets out in the field to help his colleagues in ongoing amphibian and reptile conservation projects.

Jim Welch will talk about his years working with Rudy Mancke and co-hosting NatureScene,

Jim Welch spent forty years in broadcasting and journalism as a writer, cinematographer, reporter, news anchor, host, producer and Director of Programming. He began his career in television at KHON TV in Honolulu, Hawaii, at WIS-TV in Columbia, SC and the South Carolina ETV Network. During his career in TV he covered the Gemini Space Mission following the splashdowns in the Pacific, the Johnson-Ky talks in Hawaii, and the Republican and Democratic National Conventions of the 60s and 70s. He calls his most rewarding and exciting times the co-host of NatureScene with Rudy Mancke.

Born and raised in Vermont on a dairy farm in the green mountains not far from the Canadian border, he got his first taste of television at the age of 11 as a contestant on the CBS TV quiz show Strike It Rich. After graduation from Alan Hancock College in Santa Maria, California he went on to study broadcasting at the University of Miami, UCLA and the University of Hawaii.

He was a longtime member of The Explorers Club and served as a past president of the Greater Piedmont Chapter based in Columbia. He also served on the board of Friends of the Congaree and The Riverbanks Zoo. In 1998, Lander University awarded him the Honorary Degree of Doctor of Science.

He retired from SCETV in 2002 and with his wife of 60 years, Ceille, a playwright and author, moved to the Blue Ridge Mountains of Henderson County, North Carolina. They built a cabin on the slopes of Huckleberry Ridge above Cabin Creek and the Green River where he enjoys a daily saunter on trails in the Pinnacle Falls community.

Becky Brown with SCDNR will talk about two projects she worked on for her master's degree. Bats...Looking at hibernation roosting temperature/humidity in a white-nose impacted population and the other, public attitudes towards bats and their management at a recreation site.

Tom Austin will share Tips for Field Expedient Identification of the Intricate Satyr in South Carolina.

Tom Austin is the Land Protection Specialist for the Edisto Island Open Land Trust, President of the Carolina Butterfly Society, Southern Regional Director for SCAN, and the Carolinas' resident expert on the Intricate Satyr.

This link has the park and trails map:

<https://www.icrc.net/parks/saluda-shoals-park/about-saluda-shoals-park>

We'll be running a slideshow of 2024 images during the breaks. If you'd like to have some of your photos included, please upload them by Friday, January 19.

<https://tinyurl.com/24scanslideshow>

We need to fill the President position for 2024. Our Regional Directors have all graciously agreed to serve one more year, and we have Treasurer and Vice President nominees. As a totally voluntary organization, we rely on members to step up and help keep the group intact, so please, help us through yet another successful year.

None of the positions are terribly demanding, and there are plenty of us who have formerly served that will help with questions or concerns to get you through the learning curve. For more information on the responsibilities of leadership/board positions, reach out to President Dave Schuetrum or Vice President Gordon Murphy. Just a heads-up, Gordon will be reaching out directly to individual members in an effort to fill the vacancies.

It's time to renew your membership for 2024! Please renew online from a computer (not a phone!)

(<https://www.scnaturalists.org/membership/>) or use the renewal form on the next page. Dues can be mailed in or brought to the annual meeting.

That is all...Dave Schuetrum
Outgoing President
SCAN



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SCAN Membership Form

Dues:

\$12.00 per calendar year due by the January annual meeting

\$5.00 per calendar year for each additional member at the same address

Notes:

- Persons joining in July or later pay 1/2 price.
- Persons must be at least 15 years of age to join SCAN

Today's Date: _____

☐ New Member ☐ Renewal

Name(s):

Mailing Address:

☐ Same as last year ☐ New address

Street/PO Box _____

City _____ State _____ Zip Code _____

Email(s):

☐ Same as last year ☐ New email

Phone(s):

Cell:

Home:

Work:

Mail form and check to:

SCAN

PO Box 24911

Columbia, SC 29224

**Kalmia Gardens
Darlington Co., SC
December 09, 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.

LICHENS

Graphis scripta
Usnea strigosa

FLORA

Peat Moss

Sphagnum sp.

Tree-skirt Moss

Pseudanomodon attenuatus

American Royal Fern

Osmunda spectabilis

Cinnamon Fern

Osmundastrum cinnamomeum

Bracken

Pteridium aquilinum

Sensitive Fern

Onoclea sensibilis

Netted Chain Fern

Lorinseria areolata

Southern Lady Fern

Athyrium asplenoides

Kunth's Maiden Fern

Pelazoneuron kunthii

Christmas Fern

Polystichum acrostichoides

Resurrection Fern

Pleopeltis michauxiana

Shortleaf Pine

Pinus echinata

Longleaf Pine

Pinus palustris

Pond Pine

Pinus serotina

Loblolly Pine

Pinus taeda

Atlantic White-cedar

Chamaecyparis thyoides

Eastern Red Cedar

Juniperus virginiana

Bald-cypress

Taxodium distichum

Tulip-tree

Liriodendron tulipifera

Southern Magnolia

Magnolia grandiflora

Sweetbay

Magnolia virginiana

Swamp Bay

Persea palustris

Duckweed

Lemna sp.

Green Arrow-arum

Peltandra virginica

Whiteleaf Greenbrier

Smilax glauca

Bamboo-vine

Smilax laurifolia

Common Greenbrier

Smilax rotundifolia

Jackson-brier

Smilax smallii

Crane-fly Orchid

Tipularia discolor

Curlyleaf Yucca

Yucca filamentosa

Dwarf Palmetto

Sabal minor

Cabbage Palmetto

Sabal palmetto

Common Cattail

Typha latifolia

Spanish-moss

Tillandsia usneoides

Sedge

Carex sp.

Giant Cane

Arundinaria gigantea

Switch Cane

Arundinaria tecta

River Oats

Chasmanthium latifolium

Witchgrass

Dichanthelium sp.

Centipede Grass

Eremochloa ophiuroides

Annual Bluegrass

Poa annua

Nandina

Nandina domestica

Sycamore

Platanus occidentalis

Sweet Gum

Liquidambar styraciflua

Witch-hazel

Hamamelis virginiana

Virginia-willow

Itea virginica

Muscadine

Muscadinia rotundifolia rotundifolia

Common Partridge-pea

Chamaecrista fasciculata fasciculata

Carolina Laurel Cherry

Prunus caroliniana

Eastern Wild Black Cherry

Prunus serotina serotina

Common Dewberry

Rubus flagellaris

Southern Hackberry

Celtis laevigata

American Beech

Fagus grandifolia

Sawtooth Oak

Quercus acutissima

White Oak

Quercus alba

Scarlet Oak

Quercus coccinea

Southern Red Oak

Quercus falcata

Water Oak

Quercus nigra

Willow Oak

Quercus phellos

Common Wax-myrtle

Morella cerifera

Mockernut Hickory

Carya tomentosa

Tag Alder

Alnus serrulata

American Hop-hornbeam

Ostrya virginiana

Wood-sorrel

Oxalis sp.

Chamber Bitter

Phyllanthus urinaria urinaria

Eastern Red Maple

Acer rubrum rubrum

Arrowleaf Sida

Sida rhombifolia rhombifolia

Common Chickweed

Stellaria media

Water Tupelo

Nyssa aquatica

Blackgum

Nyssa sylvatica

Flowering Dogwood

Benthamidia florida

Sweetleaf

Symplocos tinctoria

Galax

Galax urceolata

Ti-ti

Cyrilla racemiflora

Mountain Laurel

Kalmia latifolia

Shining Fetterbush

Lyonia lucida

Staggerbush*Lyonia mariana***Sourwood***Oxydendrum arboreum***Smooth Highbush Blueberry***Vaccinium corymbosum***Carolina Jessamine***Gelsemium sempervirens***Carolina Ponyfoot***Dichondra carolinensis***Glossy Privet***Ligustrum lucidum***Chinese Privet***Ligustrum sinense***Virginia Plantain***Plantago virginica***American Mistletoe***Phoradendron leucarpum leucarpum***Cross-vine***Bignonia capreolata***Trumpet-creeper***Campsis radicans***Bladderwort***Utricularia* sp.**Beautyberry***Callicarpa americana***Big Gallberry***Ilex coriacea***Little Gallberry***Ilex glabra***American Holly***Ilex opaca***Yaupon***Ilex vomitoria***Common Elephant's-foot***Elephantopus tomentosus***Common Horsetweed***Erigeron canadensis***Beaked Hawkweed***Hieracium gronovii***Common Dandelion***Taraxacum officinale***Japanese Honeysuckle***Lonicera japonica***English Ivy***Hedera helix helix***Water-pennywort***Hydrocotyle* sp.**Centella***Centella erecta***Savanna Eryngo***Eryngium integrifolium***Fawn Mushroom***Pluteus cervinus***Little Brown Collybia***Collybia alkalivirens***Oyster Mushroom***Pleurotus ostreatus***FAUNA****Deer Tick***Ixodes scapularis***American Bird Grasshopper***Schistocerca americana***Stink Bug***Menecles insertus***Stink Bug**

Family Pentatomidae, Species of

Water-strider*Gerris* sp.**Leafhopper**

Family Cicadellidae, Species of

Red Bay Gall Psyllid*Trioza magnoliae***Woolly Alder Aphid***Prociphilus tessellatus***Yellowjacket***Vespa* sp.**Cloudless Sulphur***Phoebis sennae***Sleepy Orange***Abaeis nicippe***Gulf Fritillary***Dione vanillae***Giant Leopard Moth***Hypercompe scribonia***Eastern Mosquitofish***Gambusia holbrooki***Frog***Lithobates* sp.**River Cooter***Pseudemys concinna***Green Anole***Anolis carolinensis***Turkey Vulture***Cathartes aura***Black Vulture***Coragyps atratus***Red-bellied Woodpecker***Melanerpes carolinus***Northern Flicker***Colaptes auratus***Downy Woodpecker***Dryobates pubescens***Hairy Woodpecker***Dryobates villosus***Yellow-bellied Sapsucker***Sphyrapicus varius***Pileated Woodpecker***Dryocopus pileatus***Eastern Phoebe***Sayornis phoebe***American Crow***Corvus brachyrhynchos***Tufted Titmouse***Baeolophus bicolor***Carolina Chickadee***Poecile carolinensis***Brown Creeper***Certhia americana***White-breasted Nuthatch***Sitta carolinensis***Brown-headed Nuthatch***Sitta pusilla***Winter Wren***Troglodytes hiemalis***Carolina Wren***Thryothorus ludovicianus***Golden-crowned Kinglet***Regulus satrapa***Ruby-crowned Kinglet***Regulus calendula***Eastern Bluebird***Sialia sialis***Hermit Thrush***Catharus guttatus***American Robin***Turdus migratorius***Cedar Waxwing***Bombycilla cedrorum***Blue-headed Vireo***Vireo solitarius***Yellow-rumped Warbler***Setophaga coronata***Pine Warbler***Setophaga pinus***Northern Cardinal***Cardinalis cardinalis***Eastern Towhee***Pipilo erythrophthalmus***Dark-eyed Junco***Junco hyemalis***White-throated Sparrow***Zonotrichia albicollis***House Finch***Haemorhous mexicanus***American Goldfinch***Spinus tristis***Eastern Gray Squirrel***Sciurus carolinensis***American Beaver***Castor canadensis***Raccoon***Procyon lotor***NEW SPECIES****American Everlasting***Gamochaeta americana***Narrowleaf Purple Everlasting***Gamochaeta calviceps***Photinia***Photinia* sp.**Ribbonwort***Pallavicinia lyellii*