



**SCAN** *South Carolina Association of Naturalists*  
Post Office Box 5651, Columbia, South Carolina 29250-5651

January 2023

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 Carolina Sandhills National Wildlife Refuge. Todd Johnston was our Regional Director who got things set up for us and he had a good grasp of the place. I had been to the Refuge some before but do not know it very well at all. It encompasses a huge area...of about 45,000 acres between McBee and Cheraw in the northeast portion of the state. Quite incredible and underutilized, I think.

Our group met at the Carolina Sandhills Refuge Headquarters and Visitor Center. We had an interesting crowd of Naturalists...more than I would have expected for this time of year. We had Greg Ross, Tom Bott (a visitor not with us but interested), Ronnie and Marty Hucks, Alison Smith, David Schuetrum, Johannes and Claudia Stratmann, Lee Morris, Caroline Eastman, Jerry Bright, Todd Johnston, Edward Ingram, Paul Kalbach, Kim McManus, Tom Austin, and Nancy Jordan (Biologist at Sandhills).



Todd Johnston got us set up with the biologist on the place...Nancy Jordan. She is the expert on the endangered Red-cockaded Woodpecker. Sandhills has probably the largest population of them in the state. Nancy showed us the extendable camera viewer for looking into the nest trees and talked at some length about the species.



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Nancy the Biologist took us out to see inside a Red-cockaded Woodpecker nest. We caravanned into the refuge following the expert.



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Nancy told us all sorts of things about the birds and other neat things on the refuge. We bogged her down with questions...which I think she enjoyed.



The nest trees are marked with a band of white paint. Whenever you see a large pine in the middle of the woods with a white stripe around it...that means that it is a Red-cockaded Woodpecker nest tree. These birds make their nest cavity in the living tree and the sap that runs down the tree protects the birds from predators. I did not get the chance to ask how the biologists train the birds to paint the stripes on the trees to help people find the trees in the first place, though.



We had a bit of lunch at one of the viewing sites. There's Jerry Bright, Todd Johnston, and Edward Ingram. Scott Wietecha was crawling around down below in the weeds looking for snakes.



Jerry Bright's take on the day:



Our next gathering will be our Annual Meeting on January 28, 2023.

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. We'll kick off the morning with coffee and networking, then get the program started at 10:15 am. 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 three speakers are Charlie Williams, Tim Evans, and Dr. Charles Horn.

- Charlie's career was as a librarian when he began studying Michaux. Study deepened, leading to writing and speaking about the botanist--initially in gardens and living rooms, but eventually even at the Smithsonian in Washington.
- Tim Evans is Audubon South Carolina's Forest Program Manager and Director of Land Conservation. All the places Audubon owns are managed under his supervision for wildlife and forest management.
- Dr. Charles Horn is the Botanist at Newberry College and is the expert on wild azaleas and rhododendrons. He goes all over the country hunting those species.

Proposed slate of officers for 2023:

- o President – David Schuetrum
- o Vice President – Gordon Murphy
- o Secretary – open seat
- o Treasurer – Angela Valvasori
- o Historian – Gordon Murphy
- o Database Manager – Kim McManus
- o Northern Regional Director – Rita Zollinger
- o Western Regional Director – Lee Morris
- o Central Regional Director – Dave and Marty Kastner
- o Southern Regional Director – Tom Austin
- o Eastern Regional Director – Todd Johnston

If you are interested in the Secretary position, please let Gordon Murphy know!

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 2022 images during the breaks. If you'd like to have some of your photos included, please upload them by Friday, January 20.

<https://mcframpus.smugmug.com/upload/SSPd95/soodle>

It's time to renew your membership for 2023! Please renew online (<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.

Dave Schuetrum  
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 5651

Columbia, SC 29250-5651

Carolina Sandhills NWR  
Chesterfield Co., SC  
December 10, 2022

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](mailto:scnaturalists76@gmail.com). Please indicate exactly to which flora/fauna list you are referring in the subject line of your message. Thank you.

**LICHENS**

*Cladonia* sp.

**FLORA**

**Peat Moss**

*Sphagnum* sp.

**Haircap Moss**

*Polytrichum* sp.

**Clubmoss**

*Lycopodiaceae*, species of

**Cinnamon Fern**

*Osmundastrum cinnamomeum*

**Bracken**

*Pteridium aquilinum*

**Ebony Spleenwort**

*Asplenium platyneuron*

**Longleaf Pine**

*Pinus palustris*

**Pond Pine**

*Pinus serotina*

**Loblolly Pine**

*Pinus taeda*

**Atlantic White-cedar**

*Chamaecyparis thyoides*

**White Water-lily**

*Nymphaea odorata odorata*

**Tulip-tree**

*Liriodendron tulipifera*

**Sweetbay**

*Magnolia virginiana*

**Swamp Bay**

*Persea palustris*

**Sassafras**

*Sassafras albidum*

**Catbrier**

*Smilax bona-nox bona-nox*

**Whiteleaf Greenbrier**

*Smilax glauca*

**Bamboo-vine**

*Smilax laurifolia*

**Common Greenbrier**

*Smilax rotundifolia*

**Field Garlic**

*Allium vineale*

**Curlyleaf Yucca**

*Yucca filamentosa*

**Yellow-eyed Grass**

*Xyris* sp.

**Common Rush**

*Juncus effusus solutus*

**Sedge**

*Carex* sp.

**Starburst Flatsedge**

*Cyperus plukenetii*

**Woolly Bulrush**

*Scirpus cyperinus*

**Common Bushy Bluestem**

*Andropogon glomeratus*

**Splitbeard Bluestem**

*Andropogon ternarius*

**Old-field Broomstraw**

*Andropogon virginicus*

**Broomsedge**

*Andropogon* sp.

**Carolina Wiregrass**

*Aristida stricta*

**Dune Three-awn**

*Aristida tuberculosa*

**Switch Cane**

*Arundinaria tecta*

**Needle-leaf Witchgrass**

*Dichanthelium aciculare*

**Witchgrass**

*Dichanthelium* sp.

**Sugarcane Plume Grass**

*Erianthus giganteus*

**Plumegrass**

*Erianthus* sp.

**Sweet Gum**

*Liquidambar styraciflua*

**Muscadine**

*Muscadinia rotundifolia rotundifolia*

**Wild Indigo**

*Baptisia* sp.

**Showy Rattlebox**

*Crotalaria spectabilis*

**Milkpea**

*Galactia volubilis*

**Carolina Indigo**

*Indigofera caroliniana*

**Velvety Lespedeza**

*Lespedeza stuevei*

**Lupine**

*Lupinus* sp.

**Wild Crabapple**

*Malus angustifolia*

**Chickasaw Plum**

*Prunus angustifolia*

**Eastern Wild Black Cherry**

*Prunus serotina serotina*

**Hog Plum**

*Prunus umbellata*

**Sand Blackberry**

*Rubus cuneifolius*

**Pennsylvania Blackberry**

*Rubus pensilvanicus*

**Blackberry**

*Rubus* sp.

**Southern Red Oak**

*Quercus falcata*

**Bluejack Oak**

*Quercus incana*

**Turkey Oak**

*Quercus laevis*

**Blackjack Oak**

*Quercus marilandica marilandica*

**Rock Chestnut Oak**

*Quercus montana*

**Water Oak**

*Quercus nigra*

**Post Oak**

*Quercus stellata*

**Live Oak**

*Quercus virginiana*

**Pocosin Bayberry**

*Morella carolinensis*

**Mockernut Hickory**

*Carya tomentosa*

**Tag Alder**

*Alnus serrulata*

**St. Andrew's Cross**

*Hypericum hypericoides*

**Black Willow**

*Salix nigra*

**Seedbox**

*Ludwigia* sp.

**Cutleaf Evening-primrose**

*Oenothera laciniata*

**Meadow-beauty**

*Rhexia* sp.

**Winged Sumac**

*Rhus copallinum*

**Eastern Poison Ivy**

*Toxicodendron radicans radicans*

**Eastern Red Maple**

*Acer rubrum rubrum*

**Carolina Sunrose**

*Crocantemum carolinianum*

**Pinweed**

*Lechea* sp.

**Red Dock**

*Rumex acetosella pyrenaicus*

**Dwarf Sundew**

*Drosera brevifolia*

**Eastern Prickly-pear Cactus**  
\* *Opuntia humifusa*  
**Prickly-pear Cactus**  
*Opuntia* sp.  
**American Persimmon**  
*Diospyros virginiana*  
**Sweetleaf**  
*Symplocos tinctoria*  
**Yellow Pitcherplant**  
*Sarracenia flava*  
**Carolina Sweet Pitcherplant**  
*Sarracenia rubra rubra*  
**Coastal Sweet Pepperbush**  
*Clethra alnifolia*  
**Ti-ti**  
*Cyrilla racemiflora*  
**Pipsissewa**  
*Chimaphila maculata*  
**Trailing Arbutus**  
*Epigaea repens*  
**Southern Dwarf Huckleberry**  
*Gaylussacia dumosa*  
**Staggerbush**  
*Lyonia* sp.  
**Sourwood**  
*Oxydendrum arboreum*  
**Sparkleberry**  
*Vaccinium arboreum*  
**Creeping Blueberry**  
*Vaccinium crassifolium*  
**Southern Blueberry**  
*Vaccinium tenellum*  
**Blueberry**  
*Vaccinium* sp.  
**Bedstraw**  
*Galium* sp.  
**Carolina Jessamine**  
*Gelsemium sempervirens*  
**Carolina Ponyfoot**  
*Dichondra carolinensis*  
**Common Jacquemontia**  
*Jacquemontia tamnifolia*  
**Carolina Horse-nettle**  
*Solanum carolinense carolinense*  
**Chinese Privet**  
*Ligustrum sinense*  
**American Mistletoe**  
*Phoradendron leucarpum*  
*leucarpum*  
**Brazilian Vervain**  
*Verbena brasiliensis*  
**Big Gallberry**  
*Ilex coriacea*  
**Little Gallberry**  
*Ilex glabra*  
**American Holly**  
*Ilex opaca*  
**Holly**  
*Ilex* sp.  
**Silverling**  
*Baccharis halimifolia*

**Common Yellow Thistle**  
*Cirsium horridulum horridulum*  
**Sandhill Thistle**  
*Cirsium repandum*  
**Thistle**  
*Cirsium* sp.  
**Common Dog-fennel**  
*Eupatorium capillifolium*  
**Coastal Dog-fennel**  
*Eupatorium compositifolium*  
**Eupatorium**  
*Eupatorium* sp.  
**Carolina Goldentop**  
*Euthamia caroliniana*  
**Cudweed**  
*Gamochaeta* sp.  
**Camphorweed**  
*Heterotheca subaxillaris*  
**Beaked Hawkweed**  
*Hieracium gronovii*  
**Grass-leaved Golden-aster**  
*Pityopsis graminifolia*  
**Grass-leaved Golden-aster**  
*Pityopsis* sp.  
**Fragrant Rabbit-tobacco**  
*Pseudognaphalium obtusifolium*  
**Twisted-leaf White-top Aster**  
*Sericocarpus tortifolius*  
**Goldenrod**  
*Solidago* sp.  
**American Aster**  
*Symphyotrichum walteri*  
**American Aster**  
*Symphyotrichum* sp.  
**Common Elderberry**  
*Sambucus canadensis*  
**Amanita**  
*Amanita* sp.  
**Bolete**  
*Boletus* sp.  
**Brittle-gill**  
*Russula* sp.  
**Mycena**  
*Mycena* sp.  
**Earthstar**  
*Geastrum* sp.

#### FAUNA

**Mischievous Bird Grasshopper**  
*Schistocerca damnifica*  
**Sand Field Cricket**  
\* *Gryllus firmus*  
**Field Cricket**  
*Gryllus pennsylvanicus*  
**Red Bay Gall Psyllid**  
*Trioza magnoliae*  
**Eastern Yellowjacket**  
*Vespula maculifrons*  
**Patent-leather Beetle**  
*Odontotaenius disjunctus*

**Broken-backed Bug**  
\* *Tayloriglus apicalis*  
**Cottonmouth**  
*Agkistrodon piscivorus*  
**Pied-billed Grebe**  
*Podilymbus podiceps*  
**Great Blue Heron**  
*Ardea herodias*  
**Canada Goose**  
*Branta canadensis*  
**Wood Duck**  
*Aix sponsa*  
**Hooded Merganser**  
*Lophodytes cucullatus*  
**Bald Eagle**  
*Haliaeetus leucocephalus*  
**Red-shouldered Hawk**  
*Buteo lineatus*  
**American Kestrel**  
*Falco sparverius*  
**Belted Kingfisher**  
*Megaceryle alcyon*  
**Red-bellied Woodpecker**  
*Melanerpes carolinus*  
**Red-headed Woodpecker**  
*Melanerpes erythrocephalus*  
**Northern Flicker**  
*Colaptes auratus*  
**Downy Woodpecker**  
*Dryobates pubescens*  
**Hairy Woodpecker**  
*Dryobates villosus*  
**Red-cockaded Woodpecker**  
*Dryobates borealis*  
**Eastern Phoebe**  
*Sayornis phoebe*  
**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*  
**House Wren**  
*Troglodytes aedon*  
**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*

**Loggerhead Shrike**

*Lanius ludovicianus*

**Northern Mockingbird**

*Mimus polyglottos*

**Cedar Waxwing**

*Bombycilla cedrorum*

**Blue-headed Vireo**

*Vireo solitarius*

**Palm Warbler**

*Setophaga palmarum*

**Northern Cardinal**

*Cardinalis cardinalis*

**Eastern Towhee**

*Pipilo erythrophthalmus*

**Song Sparrow**

*Melospiza melodia*

**Dark-eyed Junco**

*Junco hyemalis*

**White-throated Sparrow**

*Zonotrichia albicollis*

**Fox Sparrow**

*Passerella iliaca*

**Swamp Sparrow**

*Melospiza georgiana*

**American Goldfinch**

*Spinus tristis*

**Southern Fox Squirrel**

\* *Sciurus niger niger*

**American Beaver (dam)**

*Castor canadensis*

**White-tailed Deer**

*Odocoileus virginianus*