



**SCAN**  
SOUTH CAROLINA  
ASSOCIATION OF  
NATURALISTS

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## May 2026

Hi, SCAN Folks!

On May 15, 1976, SCAN went on the first trip to Forty Acre Rock. Twenty days short of the 50<sup>th</sup> anniversary of that trip, SCAN went back, purposely re-visiting one of our first year's trips. And what a great trip it was!

We started with a trek to "Rock Shelter Falls" (as Ron Ahle calls it), seeing a trickle of falls and some fantastic boulders. We stopped at the lower parking area for lunch where a vibrant Charlie Williams found us and accompanied us up to the main rock. On the path to the rock, we encountered Goat's Rue in flower with a number of green lacewings fluttering around and among the blooms like fairies. On the granitic flatrock, we saw the dry remains of the vernal pools; while we expected no orpine or water sprites (too late in the season!), we didn't expect how brown and very dry everything was. South Carolina is in the midst of a severe/extreme drought, and the brown, bone-dry vegetation, lack of vernal pool water, and the absence of water on the lower falls confirm that. A lichen grasshopper was spotted almost perfectly hiding in the rock shield lichens as we started on the path to the lower falls.

At the bottom of the hill, the falls with the cave were completely dry. While observing Small's Sanicle, a rare plant, a large branch fell from the top of a dead tree, reminding us that, despite our best preparations, we were still in the wild. Further down the trickling stream, we found some herps, including an almost completely orange Fowler's Toad, some fancy birds (Scarlet Tanager and Black-throated Blue Warbler), and some puddling butterflies, including the newly described Iryna's Azure.

After crossing the powerline right-of-way, we had to speed up (no, really!) to get back to the parking lot to meet at the Kershaw House of Pizza to replace the calories we lost!

Next month is our annual Hell Hole Trip – off to the Francis Marion National Forest to herp! On Saturday, May 23<sup>rd</sup>, we are getting a special visit to Blessing Plantation, one of South Carolina's many "new" public natural areas to explore. If you can't make the 'Herp Fest', definitely join us on Saturday for our typical bioblitz. Both the Hell Hole camping trip and the Blessing Plantation outing are family-friendly and guests are welcome.

Read on for a special report from our indomitable VP, Scott Wietecha, for detailed information on the Director's Special trip and Bar-B-Que on June 13<sup>th</sup> to celebrate Jerry Bright and SCAN!

Stay tuned for info on the 50<sup>th</sup> Anniversary (SCANniversary?) Gala on July 25<sup>th</sup> at the SC State Museum.

Lastly, we are soliciting photos, stories of past SCAN trips, and natural history write-ups for Books 4 and 5 and the Gala, so PLEASE!!! look over, think over, send over your contributions. We cannot do this without member participation!

- Upload photos for the books and the 50<sup>th</sup> anniversary slideshow [here](#).
  - We are looking for ecotomes, critters, flora, and fun people shots.
  - Name the photo descriptively: year taken, location, who or what it is, and your name.
- Email ideas for stories and natural history write-ups to [scnaturalists76@gmail.com](mailto:scnaturalists76@gmail.com). If it's a good fit for one of the books and hasn't already been covered, Lee Morris or Tom Austin will give the go-ahead!
  - Articles for the books should be 300-1,200 words
  - Specific topics needed include ecotomes, species taxon like "pitcher plants" or "prairie plants," specific location descriptions, or stories of memorable moments on trips.
  - All submissions are subject to light editing with author permission.

*Lee Morris, President*

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## **THIS MONTH: Blessing be upon you, we're Hell Hole Bound!**

This month we're heading down to the Francis Marion National Forest for our annual Memorial Day weekend campout (Thursday through Monday) and multi-day soodle around the Hellhole Bay Wilderness Area. If you've never made it to a Hell Hole weekend with SCAN before, or cruised the roads night herping, it's a magical experience you won't soon forget!

If you're simply looking for a day trip or are not able to camp, Tom Austin will be co-leading a more typical SCAN walk at the newly protected Blessing Plantation along the Cooper River on Saturday, May 23rd. Blessing Plantation was recently purchased and protected through the collaborative efforts of Lowcountry Land Trust, Open Space Institute, the SC Conservation Bank, and Berkeley County. It will soon become Berkeley County's newest public park. SCAN has been invited to explore the property with our very own Gabe Shuler, naturalist for Cypress Gardens, to help map out the biodiversity found on the property.

Saturday evening, we'll all reconvene at Hell Hole Campground for comradery and the traditional Hell Hole potluck dinner. So, pack your tent, whip up your best dish, throw your favorite beverages on ice, and we can't wait for you to join us Memorial Day weekend at Hell Hole!

*Tom Austin, Database Manager & Southern Regional Director*

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## **SPECIAL EVENT: Soodle, BBQ & Celebration of Life for Jerry Bright**

I'm happy to announce a Director's Special planned for June 13th! As you all know, one of our very special members, Jerry Bright, passed away in September of last year. Jerry's stepson, Guy Johnson, has offered a special opportunity to us in honor of Jerry. Guy is involved with a wild and wonderful property used as a hunt club in Richland County. He invited us to soodle the property and, following our explorations, he'll treat us to a down-home Bar-B-Que in honor of Jerry. Food and drinks will be provided by Guy. The property is located at 5701 Bluff Road in Columbia. We'll start around 10am, explore till 3pm or so, then meet back with Guy for the meal and social. Final details will be sent out closer to the event.

We need to get a head count to help Guy with his planning. Please [RSVP HERE](#) let us know if you intend to join in on this "right up SCAN's alley" event! This means a lot to Guy, Jerry's family and friends (some of whom will be in attendance), and all of us who knew Jerry as a special individual. I won't lock the gate on ya if you show up without registering; we want everyone to come and enjoy the day. But it would really help a ton if you could let us know by **June 1st** if you'll be joining us.

Specifics on where we will gather initially at the property will be sent out prior to the event.

*Scott Wietecha, Vice President*

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## **NEXT MONTH: Catawba Nation Lands**

Our June soodle will be in York County, exploring the ancestral lands of the Catawba Nation.

*Todd Johnston, Northern Regional Director*

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## Photos from Forty Acre Rock



### **Attendees:**

Lee Morris, Todd Johnston, Julianna Nyikos, Dave Kastner, Marty Kastner, Dave Schuetrum, Caroline Eastman, Leila Nyikos, Nancy Adamson, Bill Twomey, Scott Wietecha, Ron Ahle, Angela Valvasori, Lynda Curtis, Kevin Curtis, Michael Crawford, Kim McManus, Charlie Williams

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Cedar Apple Rust (*Gymnosporangium juniper-virginianae*)  
provided by Tom Austin



Lichen Grasshopper (*Trimerotropis saxatilis*)  
provided by Kim McManus



Jack-in-the-Pulpit (*Arisaema triphyllum*)  
provided by Tom Austin



Common Watersnake (*Nerodia sipedon*)  
provided by Kim McManus



A delightfully orange Fowler's Toad (*Anaxyrus fowleri*)  
provided by Tom Austin



Iryna's Azure (*Celastrina iryna*), a new species of butterfly  
just recently described in 2025!  
provided by Tom Austin

# Francis Marion National Forest - Hell Hole Swamp

BERKELEY COUNTY, SC  
May 21st – 25th, 2026  
Forest Road 158 / Hell Hole Road  
GPS Coordinates: 33.1785, -79.7653

## Thursday – Monday

For the 14th 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 those 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 mid-morning on Monday. For those who prefer hot showers on occasion, there are several hotels about 30-45 minutes away in Moncks Corner or Mt. Pleasant.

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

## Notes:

- Hell Hole Road and other forest roads can be harrowing in some spots. Thus, a vehicle with high ground clearance or 4x4 is always recommended in the FMNF. Bicycles are a good alternative too.
- The mosquitoes, ticks and chiggers will be out in full force. Stock up on TheraCell, 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.
- Join the [ULCM WhatsApp Community](#) for easier communication in the forest!

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## Blessing Plantation

BERKELEY COUNTY, SC  
May 23rd, 2026 – 10:30am to 4:00pm  
101 Blessing Lane, Huger, SC  
GPS Coordinates: 33.058169, -79.874941

## Saturday

SCAN's "official" outing day is Saturday. This year, we're exploring the [recently protected](#) Blessing Plantation, which is soon to be the [newest Berkeley County Park](#). Gabe Shuler, SCAN member and a naturalist with Berkeley County Parks, will co-lead with Tom Austin for Blessing Plantation.

We'll meet at the big house at Blessing Plantation at 10:30am (33.058169, -79.874941)

Please RSVP to Tom Austin for Blessing Plantation: [scnaturalists76@gmail.com](mailto:scnaturalists76@gmail.com)

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## Saturday Potluck and Social at Hell Hole Camp Ground: May 23rd at ~4:30pm

After our regularly scheduled soodle at Blessing Plantation, we'll convene at the Hell Hole campground for a potluck dinner and revelry! Bring a dish, serving ware, a chair, your smile, and some campfire stories. It's BYOB, so don't forget your cooler! There is no power onsite, so make sure your dish can either be served cold, kept hot, or heated on a camp stove.

After the potluck, there will be night herping and road cruising. Plan to stick around late if that's your jam!

## **Directions to Hell Hole Campground:**

Forest Road 158 / Hell Hole Road

GPS Coordinates: 33.1785, -79.7653

### 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 Betheria Road / State Road S-8-48.
10. After 0.2 miles, continue on Betheria 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. (*It sneaks up on you!*)
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. (*It sneaks up on you!*)
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. (Use the GPS coordinates.) Cell phone coverage is spotty, with lots of dead zones. Texts work better than phone calls most of the time.

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## **Directions to Blessing Plantation:**

101 Blessing Lane, Huger, SC

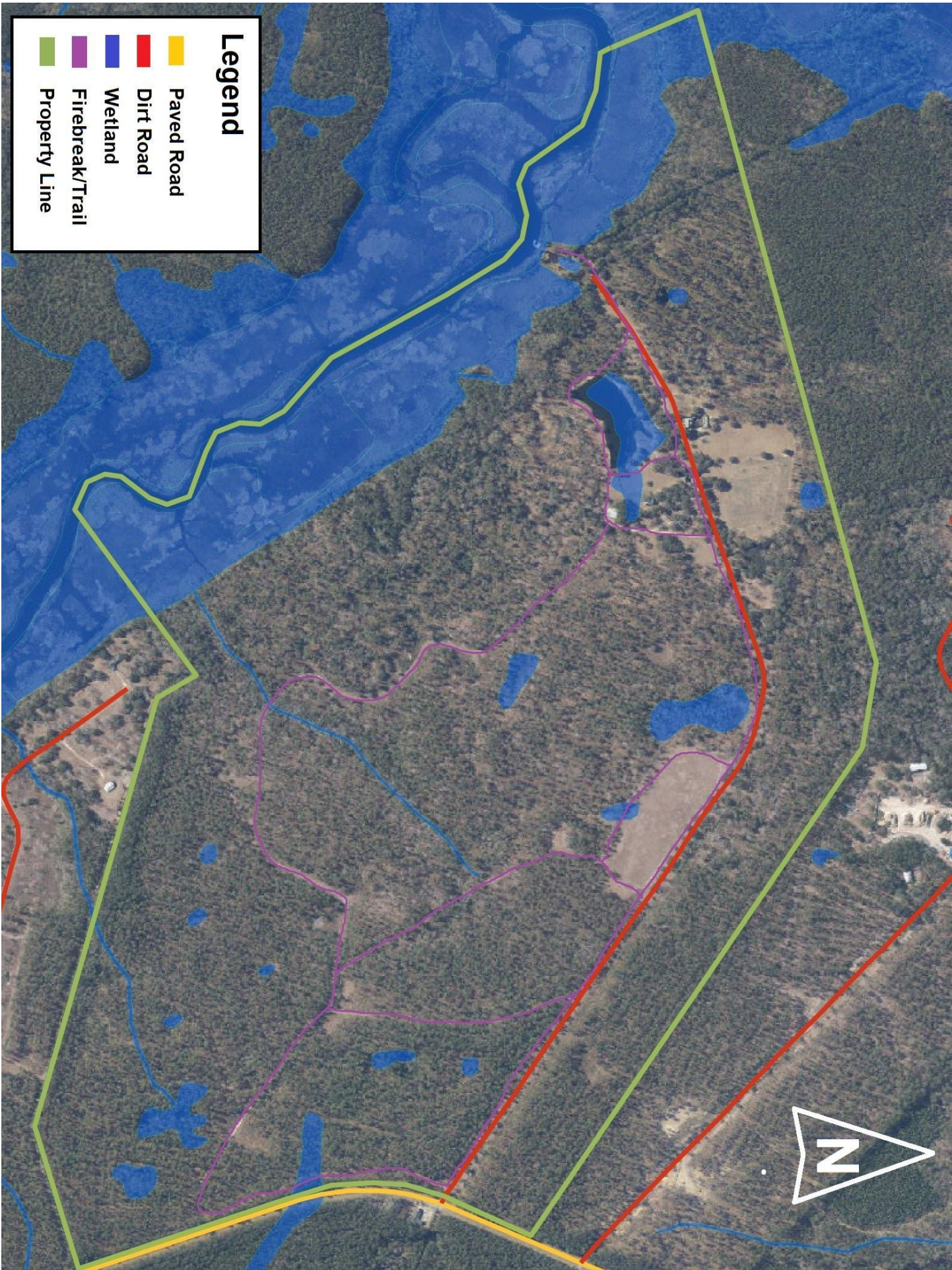
GPS Coordinates: 33.058169, -79.874941

### From Hell Hole Campground (~15 minutes):






1. Turn LEFT onto SC-41 toward Charleston and drive 6.1 miles.
2. Turn RIGHT onto Cainhoy Road and drive 4.4 miles.
3. Turn RIGHT onto Blessing Lane through the gate.
4. CONTINUE for 1.1mi to the big house, park in the gravel spaces beside the house.

*If you have questions about the weekend, please contact us : [scnaturalists76@gmail.com](mailto:scnaturalists76@gmail.com)*

Join our [ULCM WhatsApp Community](#)



### Legend

-  Paved Road
-  Dirt Road
-  Wetland
-  Firebreak/Trail
-  Property Line

**Forty Acre Rock HP**  
**Lancaster Co., SC**  
**April 25, 2026**

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

**LICHENS**

*Cladonia evansii*  
*Cladonia subtenuis*  
*Cladonia sp.*  
*Porpidia albocaerulescens*  
*Chrysothrix sp.*

**FLORA**

**Peat Moss**  
*Sphagnum sp.*

**Haircap Moss**  
*Polytrichum commune*

**Grimmia Dry Rock Moss**  
*Grimmia laevigata*

**Pincushion Moss**  
*Leucobryum glaucum*

**Common Running-cedar**  
*Diphasiastrum digitatum*

**Rock Spikemoss**  
*Bryodesma rupestre*

**\*Toothed Plagiothecium Moss**  
*Plagiothecium denticulatum*

**Cut-leaf Grapefern**  
*Sceptridium dissectum*

**Bracken**  
*Pteridium aquilinum*

**Ebony Spleenwort**  
*Asplenium platyneuron*

**Netted Chain Fern**  
*Woodwardia areolata*

**Southern Lady Fern**  
*Athyrium asplenioides*

**Christmas Fern**  
*Polystichum acrostichoides*

**Resurrection Fern**  
*Pleopeltis michauxiana*

**Slash Pine**  
*Pinus elliotii*

**Longleaf Pine**  
*Pinus palustris*

**Loblolly Pine**  
*Pinus taeda*

**Virginia Pine**  
*Pinus virginiana*

**Eastern Red Cedar**  
*Juniperus virginiana*

**Little-Brown-Jugs**  
*Asarum arifolium*

**Tulip-tree**  
*Liriodendron tulipifera*

**Sweet-shrub**  
*Calycanthus floridus*

**Sassafras**  
*Sassafras albidum*

**Small Jack-in-the-pulpit**  
*Arisaema pusillum*

**Jack-in-the-pulpit**  
*Arisaema triphyllum*

**Common Duckweed**  
*Lemna minor*

**Sawtooth Greenbrier**  
*Smilax bona-nox*

**Whiteleaf Greenbrier**  
*Smilax glauca*

**Common Greenbrier**  
*Smilax rotundifolia*

**Jackson-brier**  
*Smilax smallii*

**Crane-fly Orchid**  
*Tipularia discolor*

**Blue-eyed-grass**  
*Sisyrinchium angustifolium*

**Wild Onion**  
*Allium canadense*

**False Garlic**  
*Nothoscordum bivalve*

**Curlyleaf Yucca**  
*Yucca filamentosa*

**Dayflower**  
*Commelina erecta*

**Fringed Sedge**  
*Carex crinita*

**Soft Rush**  
*Juncus effusus*

**Wood-rush**  
*Luzula sp.*

**Toadrush**  
*Bulbostylis sp.*

**Sallow Sedge**  
*Carex lurida*

**Nutrush**  
*Scleria sp.*

**Old-field Broomstraw**  
*Andropogon virginicus*

**River Oats**  
*Chasmanthium latifolium*

**Bermuda Grass**  
*Cynodon dactylon*

**Hairy Rosette-Grass**  
*Dichantheium acuminatum*

**Oat-grass**  
*Danthonia sp.*

**Velvet Witchgrass**  
*Dichantheium scoparium*

**Deertongue Grass**  
*Dichantheium clandestinum*

**Tall Fescue**  
*Lolium arundinaceum*

**Two-flower Melic**  
*Melica mutica*

**Bitter Seabeach Grass**  
*Panicum amarum*

**Eastern Needlegrass**  
*Piptochaetium avenaceum*

**Silver Plume Grass**  
*Saccharum alopecuroides*

**Little Bluestem**  
*Schizachyrium scoparium*

**Yellow Foxtail**  
*Setaria pumila*

**Redtop**  
*Tridens flavus*

**Bloodroot**  
*Sanguinaria canadensis*

**Coralbeads**  
*Nephroia carolina*

**Northern Leatherflower**  
*Clematis viorna*

**Round-lobed Hepatica**  
*Hepatica americana*

**Yellowroot**  
*Xanthorhiza simplicissima*

**Sycamore**  
*Platanus occidentalis*

**Sweet Gum***Liquidambar styraciflua***Virginia-willow***Itea virginica***Elf-orphine***Diamorpha smallii***Virginia-creeper***Parthenocissus quinquefolia***Mimosa***Albizia julibrissin***Hog-peanut***Amphicarpaea bracteata***Eastern Redbud***Cercis canadensis***Roundleaf Tick-trefoil***Desmodium rotundifolium***Tick-trefoil***Desmodium sp.***Downy Milkpea***Galactia regularis***Naked Tick-trefoil***Hylodesmum nudiflorum***Japanese-clover***Kummerowia striata***Bicolor Lespedeza***Lespedeza bicolor***Bush-clover***Lespedeza capitata***Sericea Lespedeza***Lespedeza cuneata***Lespedeza***Lespedeza sp.***Pencil-flower***Stylosanthes biflora***Spiked Hoarypea***Tephrosia spicata***Virginia Goat's-rue***Tephrosia virginiana***Low Hop Clover***Trifolium dubium***Common Vetch***Vicia sativa***Chinese Wisteria***Wisteria sinensis***Oneflower Hawthorn***Crataegus uniflora***Wild Strawberry***Fragaria virginiana***Wild Crabapple***Malus angustifolia***Running Five-fingers***Potentilla canadensis***Mock Strawberry***Potentilla indica***Chickasaw Plum***Prunus angustifolia***Black Cherry***Prunus serotina***Southern Blackberry***Rubus argutus***Winged Elm***Ulmus alata***Red Mulberry***Morus rubra***Common Chinquapin***Castanea pumila***White Oak***Quercus alba***Southern Red Oak***Quercus falcata***Turkey Oak***Quercus laevis***Sand Post Oak***Quercus margaretiae***Blackjack Oak***Quercus marilandica***Swamp Chestnut Oak***Quercus michauxii***Rock Chestnut Oak***Quercus montana***Water Oak***Quercus nigra***Cherrybark Oak***Quercus pagoda***Willow Oak***Quercus phellos***Post Oak***Quercus stellata***Black Oak***Quercus velutina***Pignut Hickory***Carya glabra***Common Shagbark Hickory***Carya ovata***Mockernut Hickory***Carya tomentosa***Tag Alder***Alnus serrulata***American Hornbeam***Carpinus caroliniana***American Hazelnut***Corylus americana***American Hop-hornbeam***Ostrya virginiana***Hearts-a-burstin'-with-love***Euonymus americanus***Southern Yellow Wood-sorrel***Oxalis dillenii***St. Andrew's Cross***Hypericum hypericoides***Lloyd's St.-John's-wort***Hypericum lloydii***Common Blue Violet***Viola sororia***Violet***Viola sp.***Yellow Passionflower***Passiflora lutea***Eastern Flowering Spurge***Euphorbia corollata***Southeastern Flowering Spurge***Euphorbia pubentissima***Fragrant Sumac***Rhus aromatica***Winged Sumac***Rhus copallinum***Smooth Sumac***Rhus glabra***Poison Oak***Toxicodendron pubescens***Poison-Ivy***Toxicodendron radicans***Chalk Maple***Acer leucoderme***Box Elder***Acer negundo***Red Maple***Acer rubrum***Smartweed***Persicaria sp.***Rock Sandwort***Mononeuria uniflora***Appalachian Rock-pink***Phemeranthus teretifolius***Dune Prickly-pear***Opuntia drummondii***Eastern Prickly-Pear***Opuntia humifusa***Blackgum***Nyssa sylvatica***Appalachian Mock-orange***Philadelphus inodorus***Flowering Dogwood***Cornus florida***Stiff Dogwood***Cornus foemina***American Persimmon***Diospyros virginiana***Pipsissewa***Chimaphila maculata***Sourwood***Oxydendrum arboreum*

<b>Piedmont Azalea</b>	<i>Rhododendron canescens</i>	<b>Skullcap</b>	<i>Scutellaria elliptica</i>	<b>Brazilian Cat's-ear</b>	<i>Hypochaeris chillensis</i>
<b>White Rosebay</b>	<i>Rhododendron maximum</i>	<b>Florida Betony</b>	<i>Stachys floridana</i>	<b>Spotted Cat's-ear</b>	<i>Hypochaeris radicata</i>
<b>Gorge Rhododendron</b>	<i>Rhododendron minus</i>	<b>Downy Oak-leech</b>	<i>Aureolaria virginica</i>	<b>Wild Lettuce</b>	<i>Lactuca sp.</i>
<b>Sparkleberry</b>	<i>Vaccinium arboreum</i>	<b>Possum-haw</b>	<i>Ilex decidua</i>	<b>Oxeye Daisy</b>	<i>Leucanthemum vulgare</i>
<b>Smooth Highbush Blueberry</b>	<i>Vaccinium corymbosum</i>	<b>American Holly</b>	<i>Ilex opaca</i>	<b>Appalachian Ragwort</b>	<i>Packera anonyma</i>
<b>Deerberry</b>	<i>Vaccinium stamineum</i>	<b>Venus's Looking-glass</b>	<i>Triodanis perfoliata</i>	<b>Woolly Ragwort</b>	<i>Packera tomentosa</i>
<b>Bedstraw</b>	<i>Galium sp.</i>	<b>Wahlenbergia</b>	<i>Wahlenbergia marginata</i>	<b>Grass-leaved Golden-aster</b>	<i>Pityopsis graminifolia</i>
<b>Longleaf Bluet</b>	<i>Houstonia longifolia</i>	<b>Plantain Pussytoes</b>	<i>Antennaria plantaginifolia</i>	<b>Fragrant Rabbit-tobacco</b>	<i>Pseudognaphalium obtusifolium</i>
<b>Partridge-berry</b>	<i>Mitchella repens</i>	<b>Green-and-gold</b>	<i>Chrysogonum virginianum</i>	<b>Cutleaf Coneflower</b>	<i>Rudbeckia laciniata</i>
<b>Field-madder</b>	<i>Sherardia arvensis</i>	<b>Cottonleaf Golden-aster</b>	<i>Chrysopsis gossypina</i>	<b>Licorice Goldenrod</b>	<i>Solidago odora</i>
<b>Carolina Jessamine</b>	<i>Gelsemium sempervirens</i>	<b>Coastal Tall Thistle</b>	<i>Cirsium nuttallii</i>	<b>American Aster</b>	<i>Symphyotrichum walteri</i>
<b>Indian-hemp</b>	<i>Apocynum cannabinum</i>	<b>Large-flowered Coreopsis</b>	<i>Coreopsis grandiflora</i>	<b>Common Dandelion</b>	<i>Taraxacum officinale</i>
<b>White Milkweed</b>	<i>Asclepias variegata</i>	<b>Woodland Coreopsis</b>	<i>Coreopsis major</i>	<b>Southern Crownbeard</b>	<i>Verbesina occidentalis</i>
<b>Anglepod</b>	<i>Gonolobus suberosus</i>	<b>Leafy Elephant's-foot</b>	<i>Elephantopus carolinianus</i>	<b>*Tall false hawksbeard</b>	<i>Youngia thunbergiana</i>
<b>Southern Hound's-tongue</b>	<i>Andersonglossum virginianum</i>	<b>Common Elephant's-foot</b>	<i>Elephantopus tomentosus</i>	<b>Tall Rattlesnake-root</b>	<i>Nabalus altissimus</i>
<b>Flatrock Phacelia</b>	<i>Phacelia maculata</i>	<b>Daisy Fleabane</b>	<i>Erigeron strigosus</i>	<b>Common Elderberry</b>	<i>Sambucus canadensis</i>
<b>Ash</b>	<i>Fraxinus sp.</i>	<b>Common Horseweed</b>	<i>Erigeron canadensis</i>	<b>Southern Wild Raisin</b>	<i>Viburnum nudum</i>
<b>Chinese Privet</b>	<i>Ligustrum sinense</i>	<b>Common Dog-fennel</b>	<i>Eupatorium capillifolium</i>	<b>Southern Black Haw</b>	<i>Viburnum rufidulum</i>
<b>Polypremum</b>	<i>Polypremum procumbens</i>	<b>Boneset</b>	<i>Eupatorium perfoliatum</i>	<b>Japanese Honeysuckle</b>	<i>Lonicera japonica</i>
<b>Virginia Hedge-hyssop</b>	<i>Gratiola virginiana</i>	<b>Common Heart-leaved Aster</b>	<i>Eurybia divaricata</i>	<b>Swamp Water-pennywort</b>	<i>Hydrocotyle ranunculoides</i>
<b>Common Toadflax</b>	<i>Linaria canadensis</i>	<b>Hollow-stem Joe-pye-weed</b>	<i>Eutrochium fistulosum</i>	<b>Angelica</b>	<i>Angelica sp.</i>
<b>Southern Beardtongue</b>	<i>Penstemon australis</i>	<b>American Cudweed</b>	<i>Gamochaeta americana</i>	<b>Anise-root</b>	<i>Osmorhiza longistylis</i>
<b>English Plantain</b>	<i>Plantago lanceolata</i>	<b>Narrowleaf Purple Cudweed</b>	<i>Gamochaeta calviceps</i>	<b>Sanicle</b>	<i>Sanicula canadensis</i>
<b>Oak Mistletoe</b>	<i>Phoradendron leucarpum</i>	<b>Spoonleaf Purple Everlasting</b>	<i>Gamochaeta purpurea</i>	<b>Southern Sanicle</b>	<i>Sanicula smallii</i>
<b>Cross-vine</b>	<i>Bignonia capreolata</i>	<b>Appalachian Sunflower</b>	<i>Helianthus atrorubens</i>	<b>Meadow-parsnip</b>	<i>Thaspium barbinode</i>
<b>Trumpet-creeper</b>	<i>Campsis radicans</i>	<b>Beaked Hawkweed</b>	<i>Hieracium gronovii</i>	<b>Black Knot</b>	<i>Dibotryon morbosum</i>
<b>Lyreleaf Sage</b>	<i>Salvia lyrata</i>	<b>Veiny Hawkweed</b>	<i>Hieracium venosum</i>	<b>False Turkey-tail</b>	<i>Stereum ostrea</i>

**Scrambled-egg Slime***Fuligo septica***Cedar Apple Rust***Gymnosporangium**juniper-virginianae***FAUNA****Black Cherry Leaf Gall Mite***Eriophyes cerasicrumena***\*Funnel Weaver***Barronopsis texana***\*Pantropical Jumping Spider***Plexippus paykulli***\*Featherlegged Orbweaver***Uloborus glomus***Rock-loving Grasshopper***Trimerotropis saxatilis***Yellowjacket***Vespula sp.***Paper Wasp***Polistes sp.***Pipe-organ Wasp***Trypoxylon politum***Small Sweat Bee***Dialictus sp.***Leaf-cutting Bee***Megachile sp.***Eastern Carpenter Bee***Xylocopa virginica***Bumblebee***Bombus impatiens***Western Honey Bee***Apis mellifera***Bee-Mimic Robberfly***Laphria sp.***Swamp Darner***Epiaschna heros***Eastern Pondhawk***Erythemis simplicicollis***Blue Corporal***Ladona deplanata***Spangled Skimmer***Libellula cyanea***Blue Dasher***Pachydiplax longipennis***Common Whitetail***Plathemis lydia***Ebony Jewelwing***Calopteryx maculata***Snail-eating Ground Beetle***Scaphinotus unicolor***Carrion Beetle***Necrophila americana***Jewel Beetle***Acmaeodera tubulus***Large Flat-headed Pine Borer***Chalcophora virginiensis***Eastern Eyed Elater***Alaus oculatus***Alder Leaf Beetle***Chrysomela interrupta***Pipevine Swallowtail***Battus philenor***\*Leaf-footed Bug***Althos obscurator***\*Black Crane fly***Eugnophomyia luctuosa***\*Glossy Black Idia Moth***Idia lubricalis***\*Greene's giant ichneumonid wasp***Megarhyssa greeni***\*Hickory Leaf Gall Aphid***Phylloxera caryaeglobuli***\*Common Bagworm Moth***Psyche casta***\*Green Stonefly***Alloperla sp.***\*Fly***Chlorops sp.***\*Flower Moth***Landryia sp.***Zebra Swallowtail***Eurytides marcellus***Eastern Tiger Swallowtail***Papilio glaucus***Spicebush Swallowtail***Papilio troilus***Palamedes Swallowtail***Papilio palamedes***Cloudless Sulphur***Phoebis sennae***Sleepy Orange***Abaeis nicippe***\*Iryna's Azure***Celastrina iryna***Summer Azure***Celastrina neglecta***American Snout***Libytheana carinenta***Variiegated Fritillary***Euptoieta claudia***Question Mark***Polygonia interrogationis***Eastern Comma***Polygonia comma***American Lady***Vanessa virginiensis***Common Buckeye***Junonia coenia***Red-spotted Purple***Limenitis arthemis astyanax***Carolina Satyr***Hermeuptychia sosybius***Silver-spotted Skipper***Epargyreus clarus***Hoary Edge***Cecropterus lyciades***Duskywing Skipper***Erynnis sp.***Clouded Skipper***Terema accius***Zabulon Skipper***Lon zabulon***Cloudywing***Thorybes sp.***Grapeleaf Skeletonizer Moth***Harrisina americana***Herpetogramma Moth***Herpetogramma sp.***Salt Marsh Moth***Estigmene acrea***Fall Webworm Moth***Hyphantria cunea***Flower Moth***Scythris fuscicomella***Fowler's Toad***Anaxyrus fowleri***Northern Cricket Frog***Acris crepitans***Green Treefrog***Hyla cinerea***Squirrel Treefrog***Hyla squirella***Green Frog***Lithobates clamitans***Southern Leopard Frog***Lithobates sphenoccephalus***Green Anole***Anolis carolinensis***Eastern Fence Lizard***Sceloporus undulatus***Common Five-lined Skink***Plestiodon fasciatus***Skink***Plestiodon sp.***Ground Skink***Scincella lateralis***Northern Water Snake***Nerodia sipedon***Brown Snake***Storeria dekayi*

**Canada Goose**  
*Branta canadensis*

**Turkey Vulture**  
*Cathartes aura*

**Black Vulture**  
*Coragyps atratus*

**Red-shouldered Hawk**  
*Buteo lineatus*

**Osprey**  
*Pandion haliaetus*

**Mourning Dove**  
*Zenaida macroura*

**Barred Owl**  
*Strix varia*

**Ruby-throated Hummingbird**  
*Archilochus colubris*

**Red-bellied Woodpecker**  
*Melanerpes carolinus*

**Downy Woodpecker**  
*Dryobates pubescens*

**Pileated Woodpecker**  
*Dryocopus pileatus*

**Hairy Woodpecker**  
*Leuconotopicus villosus*

**Eastern Kingbird**  
*Tyrannus tyrannus*

**Great Crested Flycatcher**  
*Myiarchus crinitus*

**Eastern Phoebe**  
*Sayornis phoebe*

**Blue Jay**  
*Cyanocitta cristata*

**Tufted Titmouse**  
*Baeolophus bicolor*

**Carolina Chickadee**  
*Poecile carolinensis*

**Brown-headed Nuthatch**  
*Sitta pusilla*

**Carolina Wren**  
*Thryothorus ludovicianus*

**Blue-gray Gnatcatcher**  
*Poliophtila caerulea*

**Wood Thrush**  
*Hylocichla mustelina*

**American Robin**  
*Turdus migratorius*

**Gray Catbird**  
*Dumetella carolinensis*

**Yellow-throated Vireo**  
*Vireo flavifrons*

**Red-Eyed Vireo**  
*Vireo olivaceus*

**Prothonotary Warbler**  
*Protonotaria citrea*

**Black-and-white Warbler**  
*Mniotilta varia*

**Black-throated Blue Warbler**  
*Setophaga caerulescens*

**Northern Parula**  
*Setophaga americana*

**Pine Warbler**  
*Setophaga pinus*

**Swainson's Warbler**  
*Limnothlypis swainsonii*

**Louisiana Waterthrush**  
*Parkesia motacilla*

**Northern Waterthrush**  
*Parkesia noveboracensis*

**Ovenbird**  
*Seiurus aurocapilla*

**Common Yellowthroat**  
*Geothlypis trichas*

**Kentucky Warbler**  
*Geothlypis formosa*

**Northern Cardinal**  
*Cardinalis cardinalis*

**Indigo Bunting**  
*Passerina cyanea*

**Chipping Sparrow**  
*Spizella passerina*

**Brown-headed Cowbird**  
*Molothrus ater*

**Scarlet Tanager**  
*Piranga olivacea*

**Summer Tanager**  
*Piranga rubra*

**Eastern Gray Squirrel**  
*Sciurus carolinensis*

**Southern Fox Squirrel**  
*Sciurus niger niger*

**American Beaver**  
*Castor canadensis*

**White-tailed Deer**  
*Odocoileus virginianus*