



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

July 2022

Hello SCAN members!

Another month has sailed by and July's outing is on the doorstep. It looks to be another good one, too!

June's outing was to Paris Mountain State Park. The group met at the Park Center. Originally built by the Civilian Conservation Corps in 1937, the building started out as a bathhouse. In 1999, it was renovated and modernized. It now holds historical exhibits, classrooms and a small gift shop. We were joined by Cathy Taylor, an interpretive naturalist for the park. As we dodged misty rain, she gave us an overview of the park's many trails and features. As we headed back to the cars to relocate to parking lots closer to trailheads, the rain let up. The day grew warm and muggy, but the rain held off.



Attendees included:

Carol Gist
Claudia Stratmann
David Campbell
Jim Boylston
Johannes Stratmann
Kevin Curtis
Lynda Curtis
Mary Garland Douglass
Michael Crawford
Paul Kalbach
Phillip Harpootlian
Tim Taylor
Timothy Campbell
Todd Johnston
Tom Jones

The group scattered even more than usual, with small groups of two or three exploring different trails at

different paces. My group selected the Sassafras Trail. The trail opened to the public in August 2021 and is 2.3 miles of mostly flat terrain. At one point, the trail follows a small creek. A highlight was seeing a seemingly endless line of ants moving their nest from one location to another.



L to R: Lacewing larva, Formica ant with pupa, Sassafras

After our hike on the Sassafras Loop Trail, we drove up to the next parking area and took a short walk out to Mountain Lake. The folks who were fishing along the bank were highly entertained by our explorations. The dam was built in 1890 by the Paris Mountain Water Company as part of a project to supply Greenville with a safe and reliable water source. They also installed a valve to control the water flow and a stone structure to house it.



L to R: Mountain Lake, Mountain Lake Dam, trail beside stone structure with valve assembly

There are many different levels of trail in the park, each going through somewhat different environments. It will take many more trips to explore the entire park!

Kim McManus
Database Manager

=====

Lee Morris will be leading the gang on this month's soodle to a really neat place. Stumphouse Park. There are a multitude of options of where to go and what to do on this trip. It will be an interesting critter and plant list, I think. Hopefully the herps will be moving, too!

Dave Schuetrum
El Presidente

**Stumphouse Park (Stumphouse Tunnel, Issaqueena Falls, Stumphouse Passage of the Palmetto Trail
Walhalla, SC (Oconee County)
Saturday July 23, 2022**

Parking Entrance Fee is \$5 per vehicle (try to have exact change)

Too hot? Come up to the mountains! This month's trip is to Stumphouse Park, which includes Stumphouse Tunnel, Issaqueena Falls, the Blue Ridge Railway Historic Trail, and the Stumphouse Passage of the Palmetto Trail.

Most of this area is heavily wooded with streams, waterfalls, and lakes. At this time of year there will be plenty of birds (although identifying by ear will probably be the best method), plants typical for the Blue Ridge, insects and herps. There is a lot of history in this area as well!

History (Brief)

The Stumphouse Tunnel was to be one of three railroad tunnels proposed by SC Statesman John C. Calhoun, offering a new, short route through Blue Ridge Mountains. They were proposed in 1835, but construction did not start until the mid 1850s. In 1859, the State of South Carolina ceased working on Stumphouse Tunnel having already spent over a million dollars (in 1859 dollars!) on it. The tunnel was abandoned. The full tunnel was to be 5863 feet; excavation ended at 1617 feet. Middle Tunnel (1/4 mile from Stumphouse Tunnel) was completed but not used; it collapsed and then was partially sealed off in the mid-1900s. Saddle Tunnel was started north of Middle Tunnel but not completed; the majority of that tunnel is submerged in a lake. These three tunnels are accessed by the Blue Ridge Railway Historical Trail which starts at Stumphouse Park and ends at the entrance of Saddle Tunnel.

Stumphouse Tunnel was used from the 1950s to 1970s by Clemson University to age bleu cheese, as the constant temperature and humidity (50 degrees Fahrenheit and 85% humidity) is similar to natural caves where many bleu cheeses are aged.

Stumphouse Tunnel and Issaqueena Falls became Stumphouse Park, managed by the City of Walhalla. In 2007, Naturaland Trust pledged \$2 million to protect the area and surrounding properties from being developed, thus ensuring public use of the park.

The Stumphouse Passage of the Palmetto Trail (PT established in 1994) is first of the Palmetto Trail Passages from the mountain end. It connects with the Ross Mountain Passage to Oconee State Park.

Trails

Stumphouse Tunnel can be accessed at the Stumphouse Tunnel (last) parking lot, a short distance up the hill.

The **Blue Ridge Railway Historical Trail** is an out-and-back. 3.9 mile trail. It is considered a moderate trail with some ups and downs (total elevation change 492 feet along the trail). The trailhead is at the southern end of the Issaqueena Falls parking lot. Middle Tunnel is about halfway along the route. The trail is mainly through woodland with an occasional view of the Piedmont.

Issaqueena Falls Trail is a short (0.4 mile) trail down to the Falls and back. The trailhead is at the southern end of Issaqueena Falls parking lot. It is rated to be an easy trail.

The **Stumphouse Passage of the Palmetto Trail** is an out-and-back trail starting at the eastern end of the Issaqueena Falls parking lot. It is 3 miles round trip. It is mainly wooded and the first half follows a creek with a couple of small waterfalls. About halfway, the trail reaches the Walhalla Reservoir then continues near a small creek. The trail hugs the hillside in places.

*****There are three bike trails that branch off the main Stumphouse Passage, so the Passage is shared with bikers!*****

Hikers are not allowed on these trails; all three branch to the left on your way out. All bikers I encountered were cautious and courteous; their main interest is the bike trails. The end of the Stumphouse Passage is signified by a kiosk.

Restrooms

There are restrooms at the Issaqueena Falls parking lot. These are NOT plumbed, but are two (M and F) single occupant spaces that are large and relatively clean.

Picnic Areas

At the Issaqueena Falls parking area, there is a large shelter with picnic tables and tables dotted around the lot. To the east is a small trail leading to a gazebo that divides a small lake into two. Through the gazebo is another, more natural picnic area that can allow you to get distracted by plants and birds while you eat.

Biters

I only encountered a few mosquitoes in the areas with more water, although I expect there might be a fly or two about. Bring insect repellent, but I doubt you will need it.

Directions:

We will meet in the **Issaqueena Falls parking lot** near the large shelter (north side) at 10:30. Reminder, there is a \$5 entry fee.

Stumphouse Tunnel Rd, Walhalla, SC 29691

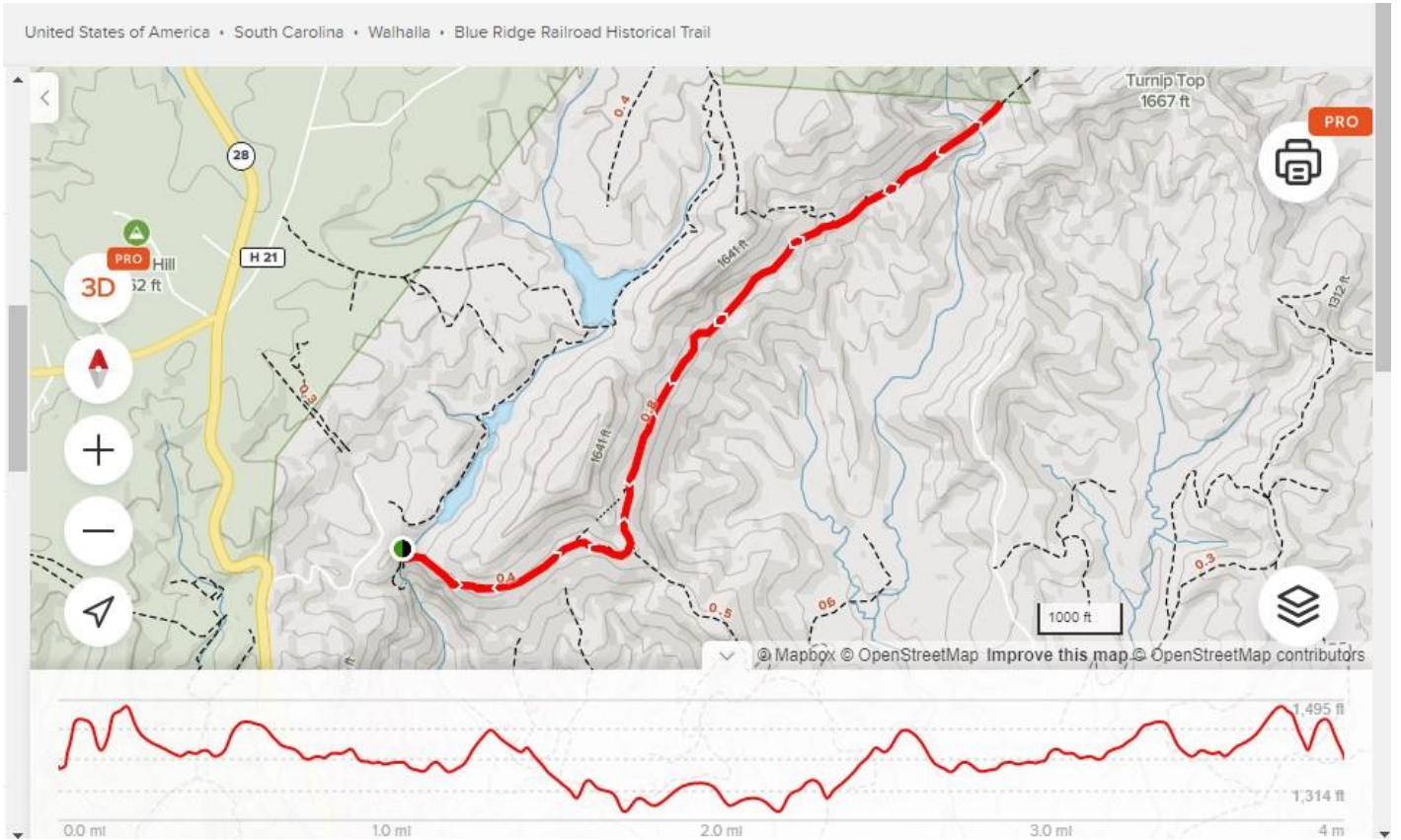
34.809355, -83.122232

Walhalla, SC is in Oconee County in the Blue Ridge Mountains. Stumphouse Park is on Stumphouse Tunnel Road. It is about 30 minutes NW of Clemson. Route 76 to the west goes through Clemson to Seneca, SC. Turn right (north) on SC 28. Continue through Walhalla. A little over 5 miles (10 minutes) from the center of Walhalla will be Stumphouse Tunnel Rd on the right. There is typically a ranger collecting entrance fees about halfway down the road. The large parking area to the right will be the Issaqueena Falls parking lot. There will likely be a lot of bikes around. If you miss this parking lot, you will find yourself in a smaller lot a few hundred feet up the road. This is parking for the Tunnel itself; if the lower lot is full, parking here and walking down is not difficult.

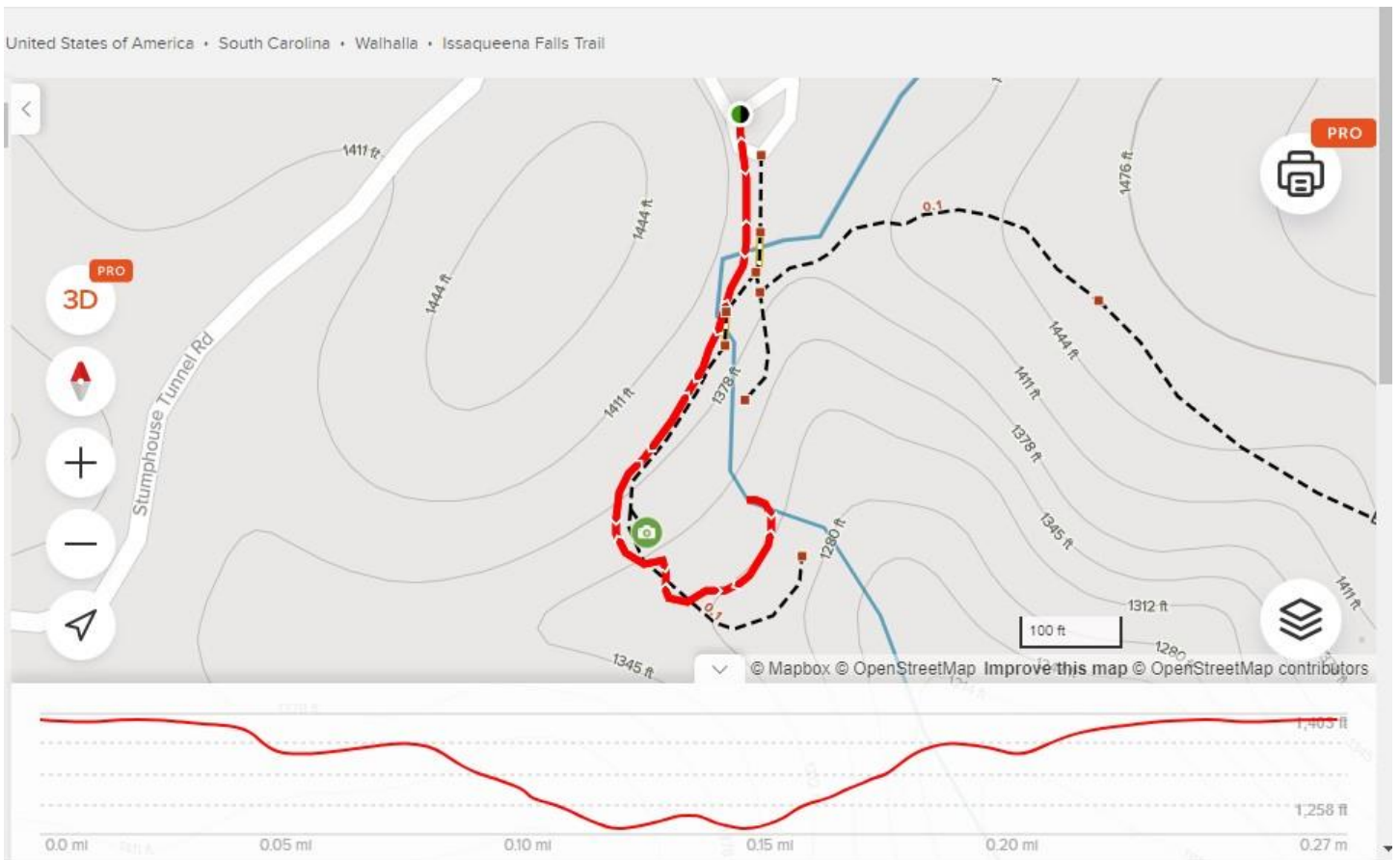
Hope you see you there!

Lee Morris

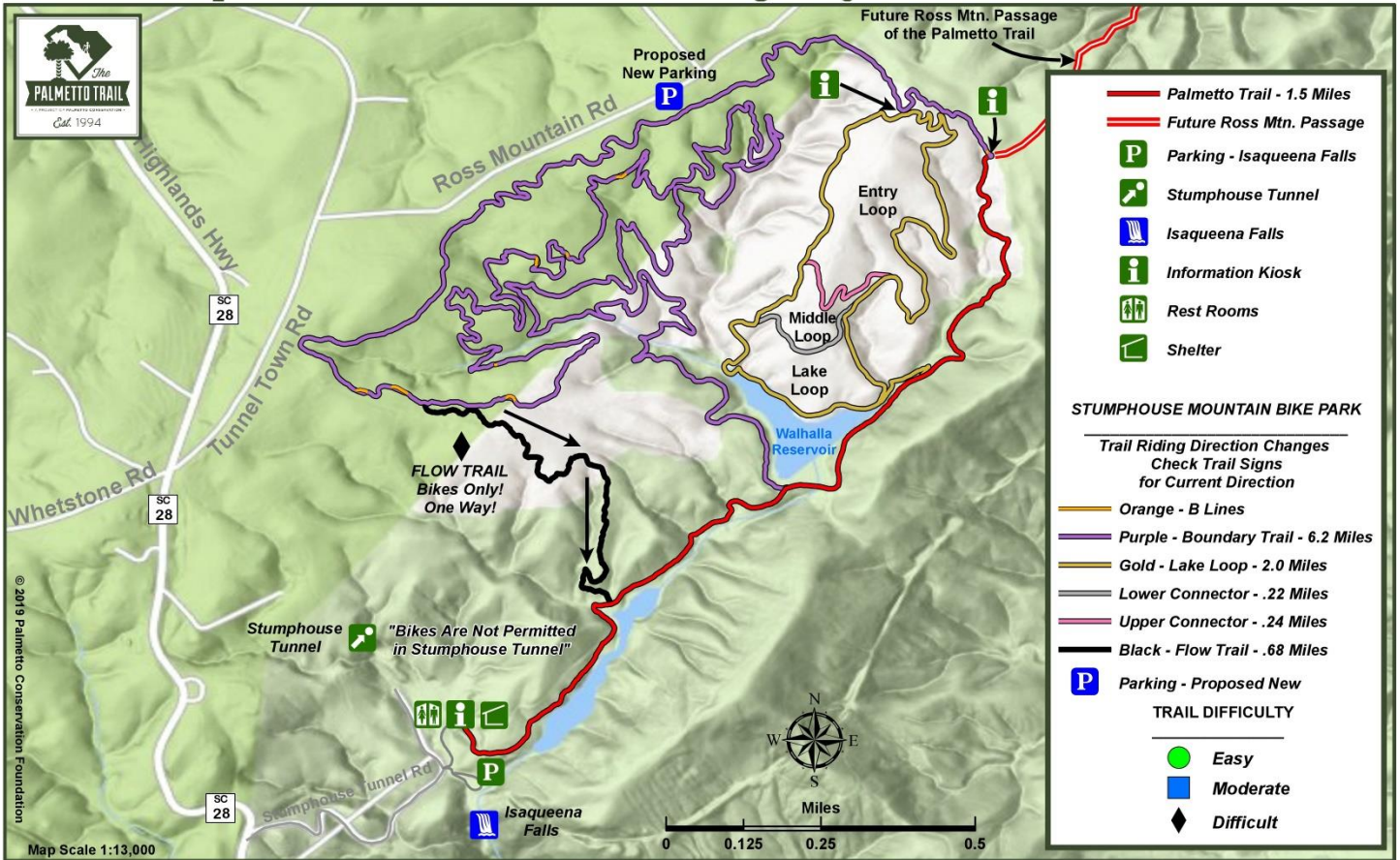
Blue Ridge Railway Historical Trail



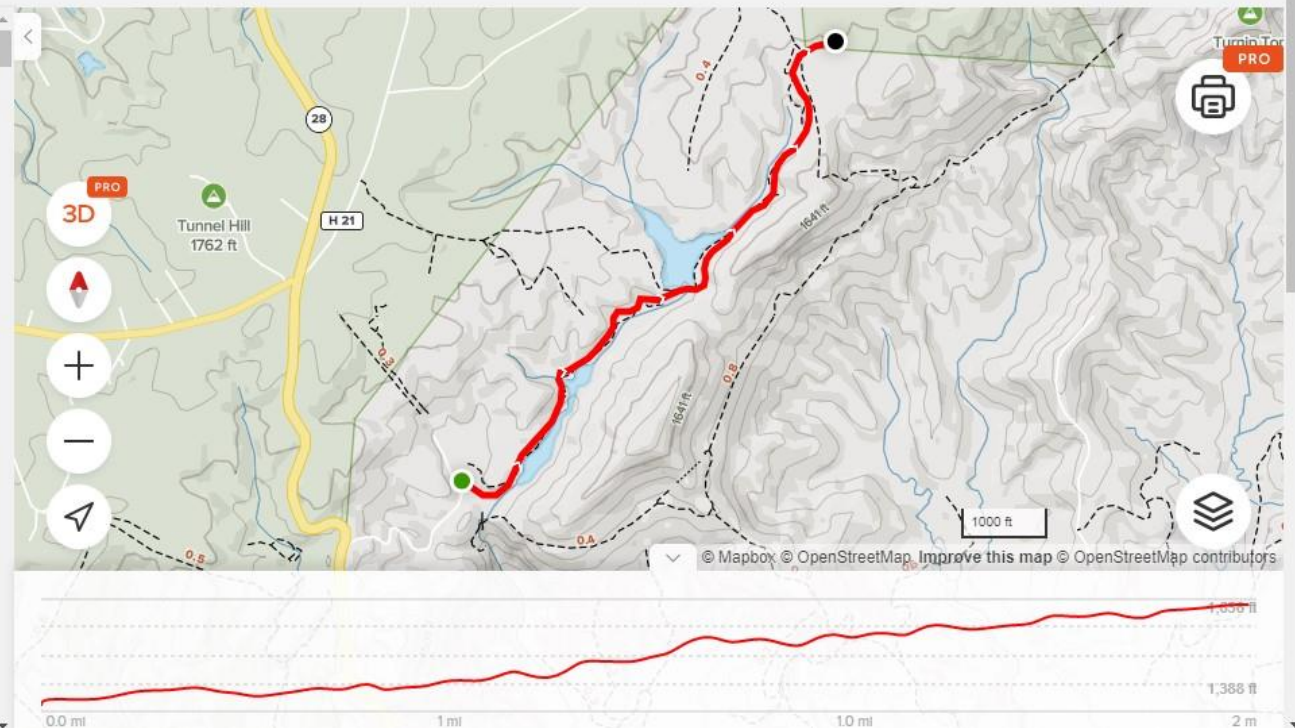
Issaqueena Falls Trail



Stumhouse Mountain Bike Park at Stumhouse Mountain Stumhouse Mountain Passage of the Palmetto Trail



United States of America • South Carolina • Walhalla • Palmetto Trail: Stumhouse Mountain Passage



Paris Mountain State Park
Greenville Co., SC
June 25, 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. Please indicate exactly to which flora/fauna list you are referring in the subject line of your message. Thank you.

FLORA

Fern Moss

Thuidium delicatulum

Common Running-cedar

Diphasiastrum digitatum

American Royal Fern

Osmunda spectabilis

Cinnamon Fern

Osmundastrum cinnamomeum

Bracken

Pteridium aquilinum

Eastern Bracken

Pteridium latiusculum

Ebony Spleenwort

Asplenium platyneuron

Sensitive Fern

Onoclea sensibilis

Netted Chain Fern

Lorinseria areolata

Southern Lady Fern

Athyrium asplenoides

New York Fern

Amauropelta noveboracensis

Wood-fern

Dryopteris sp.

Christmas Fern

Polystichum acrostichoides

Common Rockcap Fern

Polypodium virginianum

Shortleaf Pine

Pinus echinata

Pitch Pine

Pinus rigida

Eastern White Pine

Pinus strobus

Loblolly Pine

Pinus taeda

Virginia Pine

Pinus virginiana

Eastern Hemlock

Tsuga canadensis

Hemlock

Tsuga sp.

Atlantic White-cedar

Chamaecyparis thyoides

Eastern Red Cedar

Juniperus virginiana

Water-shield

Brasenia schreberi

Little Heartleaf

Hexastylis minor

Heartleaf

Hexastylis sp.

Tulip-tree

Liriodendron tulipifera

Cucumber-tree

Magnolia acuminata

Small-flowered PawPaw

Asimina parviflora

Common Pawpaw

Asimina triloba

Sweet-shrub

Calycanthus floridus

Sassafras

Sassafras albidum

Common Wild Yam

Dioscorea villosa

Carolina Bellwort

Uvularia puberula

Biltmore Carrionflower

Smilax biltmoreana

Catbrier

Smilax bona-nox bona-nox

Whiteleaf Greenbrier

Smilax glauca

Bristly Greenbrier

Smilax hispida

Common Greenbrier

Smilax rotundifolia

Greenbrier

Smilax sp.

Indian Cucumber-root

Medeola virginiana

Pink Lady's-slipper

Cypripedium acaule

Downy Rattlesnake-orchid

Goodyera pubescens

Dwarf Crested Iris

Iris cristata

False Solomon's-seal

Maianthemum racemosum

Solomon's-seal

Polygonatum biflorum

Curlyleaf Yucca

Yucca filamentosa

Zigzag Spiderwort

Tradescantia subaspera

Hill Cane

Arundinaria appalachiana

Giant Cane

Arundinaria gigantea

Variable Witchgrass

Dichanthelium commutatum

Japanese Stilt-grass

Microstegium vimineum

Bloodroot

Sanguinaria canadensis

Yellowroot

Xanthorhiza simplicissima

Sweet Gum

Liquidambar styraciflua

Witch-hazel

Hamamelis virginiana

Muscadine

Muscadinia rotundifolia rotundifolia

Summer Grape

Vitis aestivalis aestivalis

Grape

Vitis sp.

Virginia-creeper

Parthenocissus quinquefolia

Mimosa

Albizia julibrissin

Hog-peanut

Amphicarpea bracteata

Common Groundnut

Apios americana

Spurred Butterfly Pea

Centrosema virginianum

Eastern Redbud

Cercis canadensis

Butterfly Pea

Clitoria mariana mariana

Tick-trefoil

Desmodium paniculatum paniculatum

Roundleaf Tick-trefoil

Desmodium rotundifolium

Tick-trefoil

Desmodium sp.

Heartleaf Tick-trefoil

Hylodesmum glutinosum

Naked Tick-trefoil

Hylodesmum nudiflorum

Eastern Sensitive-briar

Mimosa microphylla

Wild Bean

Phaseolus polystachios

Black Locust

Robinia pseudoacacia

Pencil-flower

Stylosanthes biflora

White Clover

Trifolium repens

Seneca Snakeroot

Polygala senega

Downy Serviceberry

Amelanchier arborea

Red Chokeberry
Aronia arbutifolia

Eastern Wild Black Cherry
Prunus serotina serotina

Black Raspberry
Rubus occidentalis

Blackberry
Rubus sp.

New Jersey Tea
Ceanothus americanus

False-nettle
Boehmeria cylindrica

American Chestnut
Castanea dentata

American Beech
Fagus grandifolia

White Oak
Quercus alba

Scarlet Oak
Quercus coccinea

Southern Red Oak
Quercus falcata

Blackjack Oak
Quercus marilandica marilandica

Rock Chestnut Oak
Quercus montana

Water Oak
Quercus nigra

Willow Oak
Quercus phellos

Red Oak
Quercus rubra

Black Oak
Quercus velutina

Oak
Quercus sp.

Bitternut Hickory
Carya cordiformis

Pignut Hickory
Carya glabra

Sand Hickory
Carya pallida

Mockernut Hickory
Carya tomentosa

Hickory
Carya sp.

Tag Alder
Alnus serrulata

River Birch
Betula nigra

American Hornbeam
Carpinus caroliniana

Hearts-a-burstin'-with-love
Euonymus americanus

St. Andrew's Cross
Hypericum hypericoides

Dwarf St.-John's-wort
Hypericum mutilum

Halberd-leaf Violet
Viola hastata

Violet
Viola sp.

Passionflower
Passiflora incarnata

Winged Sumac
Rhus copallinum

Smooth Sumac
Rhus glabra

Eastern Poison Ivy
Toxicodendron radicans radicans

Eastern Red Maple
Acer rubrum rubrum

Poor Man's Pepper
Lepidium virginicum virginicum

Common Pokeweed
Phytolacca americana

Blackgum
Nyssa sylvatica

Smooth Hydrangea
Hydrangea arborescens

Climbing Hydrangea
Hydrangea barbara

Snowy Hydrangea
Hydrangea radiata

Flowering Dogwood
Benthamidia florida

Spotted Touch-me-not
Impatiens capensis

Carolina Phlox
Phlox carolina

American Persimmon
Diospyros virginiana

Sweetleaf
Symplocos tinctoria

Common Silverbell
Halesia tetraptera

American Snowbell
Styrax americanus

Mountain Sweet Pepperbush
Clethra acuminata

Pipsissewa
Chimaphila maculata

Trailing Arbutus
Epigaea repens

Mountain Laurel
Kalmia latifolia

Mountain Doghobble
Leucothoe fontanesiana

Indian Pipes
Monotropa uniflora

Sourwood
Oxydendrum arboreum

Smooth Azalea
Rhododendron arborescens

White Rosebay
Rhododendron maximum

Rhododendron
Rhododendron sp.

Smooth Highbush Blueberry
Vaccinium corymbosum

Hillside Blueberry
Vaccinium pallidum

Deerberry
Vaccinium stamineum

Blueberry
Vaccinium sp.

Forest Bedstraw
Galium circaezans

Lanceleaf Bluet
Houstonia lanceolata

Partridge-berry
Mitchella repens

Butterfly-weed
Asclepias tuberosa

Wild Sweet Potato
Ipomoea pandurata

Fringe-tree
Chionanthus virginicus

Green Ash
Fraxinus pennsylvanica

Japanese Privet
Ligustrum japonicum

Chinese Privet
Ligustrum sinense

English Plantain
Plantago lanceolata

Broad-leaved Plantain
Plantago rugelii

Plantain
Plantago sp.

Woolly Mullein
Verbascum thapsus thapsus

Carolina Wild-petunia
Ruellia caroliniensis

Cross-vine
Bignonia capreolata

Basil Bergamot
Monarda clinopodia

Downy Oak-leech
Aureolaria virginica

American Holly
Ilex opaca

Southern Harebell
Campanula divaricata

Plantain Pussytoes
Antennaria plantaginifolia

Pussytoes
Antennaria sp.

Pale Indian-plantain
Arnoglossum atriplicifolium

Woodland Coreopsis
Coreopsis major

Coreopsis
Coreopsis sp.

Appalachian Flat-topped Aster
Doellingeria infirma

Common Elephant's-foot
Elephantopus tomentosus

Robin's-plantain
Erigeron pulchellus pulchellus

Common Rough Fleabane
Erigeron strigosus strigosus

Common Dog-fennel
Eupatorium capillifolium

Hollow-stem Joe-pye-weed
Eutrochium fistulosum

Purple-node Joe-pye-weed
Eutrochium purpureum purpureum

Small-headed Sunflower
Helianthus microcephalus

Veiny Hawkweed
Hieracium venosum

American Wild Lettuce
Lactuca canadensis

Roundleaf Ragwort
Packera obovata

Common Wild Quinine
Parthenium integrifolium
integrifolium

Grass-leaved Golden-aster
Pityopsis aspera adenolepis

White-topped Aster
 * *Sericocarpus caespitosus*

Rosinweed
Silphium compositum

Bearsfoot
Smallanthus uvedalia

Licorice Goldenrod
Solidago odora

Pineywoods Goldenrod
 * *Solidago pinetorum*

Rattlesnake-root
Nabalus sp.

Mapleleaf Viburnum
Viburnum acerifolium

Southern Wild Raisin
Viburnum nudum

Southern Black Haw
Viburnum rufidulum

English Ivy
Hedera helix helix

Hairy Angelica
Angelica venenosa

Queen-Anne's-lace
Daucus carota carota

American Lovage
Ligusticum canadense

Cowbane
Oxypolis rigidior

Sanicle
Sanicula canadensis

Train-wrecker
Lentinus lepideus

Cedar-Hawthorn Rust
 * *Gymnosporangium globosum*

FAUNA

Threetooth
Triodopsis sp.

American Giant Millipede
Narceus americanus-annularis
complex

Northern Black Widow
Latrodectus variolus

Orchard Orbweaver
Leucauge venusta

Grass Spider
Agelenopsis sp.

Black Gum Leaf Gall (mite)
 * *Aceria nyssae*

Black Cherry Leaf Gall Mite
Eriophyes cerasicrumena

Spined Assassin Bug
Sinea spinipes

Two-lined Spittlebug
Prosapia bicincta

Witch Hazel Cone Gall (aphid)
Hormaphis hamamelidis

Hickory Leaf Gall
Phylloxera sp.

Black Carpenter Ant
Camponotus pennsylvanicus

Ant
Formica sp.

Eastern Yellowjacket
Vespa maculifrons

Paper Wasp
Polistes sp.

Hickory Tube Gall (midge)
Caryomyia tubicola

Oak Shothole Leafminer Fly
Japanagromyza viridula

Great Blue Skimmer
Libellula vibrans

Blue Dasher
Pachydiplax longipennis

Common Whitetail
Plathemis lydia

Ebony Jewelwing
Calopteryx maculata

Violet Dancer
Argia fumipennis violacea

Powdered Dancer
Argia moesta

Blue-tipped Dancer
Argia tibialis

Stag Beetle
Lucanus sp.

Patent-leather Beetle
Odontotaenius disjunctus

Flower Scarab Beetle
Valgus canaliculatus

Eastern Eyed Elater
Alaus oculatus

Click Beetle
Megapenthes limbalis

Net-winged Beetle
Calopteron reticulatum

Twice-stabbed Lady Beetle
Chilocorus stigma

Tumbling Flower Beetle
Falsomordellistena hebraica

Zebra Swallowtail
Eurytides marcellus

Black Swallowtail
Papilio polyxenes

Eastern Tiger Swallowtail
Pterourus glaucus

Summer Azure
Celastrina neglecta

Red-spotted Purple
Limenitis arthemis astyanax

Little Wood-satyr
Megisto cymela

Silver-spotted Skipper
Epargyreus clarus

Variable Antepione Moth
Antepione thisoaria

Dagger Moth
Acrionicta sp.

Spottail Shiner
Notropis hudsonius

Dusky Salamander
Desmognathus sp.

Southern Toad
Anaxyrus terrestris

Green Frog
Lithobates clamitans melanota

Yellow-bellied Slider
Trachemys scripta

Eastern Musk Turtle
Sternotherus odoratus

Eastern Ratsnake
Pantherophis alleghaniensis

Plain-bellied Water Snake
Nerodia erythrogaster

Northern Water Snake
Nerodia sipedon

Canada Goose
Branta canadensis

Mallard
Anas platyrhynchos

Red-shouldered Hawk
Buteo lineatus

Mourning Dove
Zenaida macroura

Red-bellied Woodpecker
Melanerpes carolinus

Downy Woodpecker
Dryobates pubescens

Acadian Flycatcher
Empidonax virescens

American Crow
Corvus brachyrhynchos

Tufted Titmouse
Baeolophus bicolor

Carolina Chickadee
Poecile carolinensis

White-breasted Nuthatch
Sitta carolinensis

Carolina Wren
Thryothorus ludovicianus

Blue-gray Gnatcatcher
Poliophtila caerulea

American Robin
Turdus migratorius

White-eyed Vireo
Vireo griseus

Yellow-throated Vireo
Vireo flavifrons

Blue-headed Vireo

Vireo solitarius

Red-Eyed Vireo

Vireo olivaceus

Hooded Warbler

Setophaga citrina

Pine Warbler

Setophaga pinus

Louisiana Waterthrush

Parkesia motacilla

Northern Cardinal

Cardinalis cardinalis

Eastern Towhee

Pipilo erythrophthalmus

Summer Tanager

Piranga rubra

Eastern Gray Squirrel

Sciurus carolinensis