



# SCAN *South Carolina Association of Naturalists*

Post Office Box 5651, Columbia, South Carolina 29250-5651

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September 2020

Hello Fellow SCAN Members!

For our August outing, we returned to Greenville County, this time starting our trek at the Asbury Hills trailhead located on the Asbury Hills Camp and Retreat Center property. The weather was lovely, with temperatures in the upper 80ies and a partly cloudy sky. Attendees included:

Caroline Eastman  
Claudia Stratmann  
Cynthia Giles  
Dave Schuetrum  
Hal Giles

Hugh Martin  
Jeff Kline  
Jerry Bright  
Johannes Stratmann  
Kim McManus

Lee Morris  
Mandy Johnson  
Mary Garland Douglass  
Rita Zollinger  
Ron Lance

Sharon Yomtob  
Terry Martin  
Todd Johnston  
Tom Jones



We started the morning with an overview of the trail options from Rita Zollinger. The group started up the Asbury Trail together and slowly scattered as offshoot trails to overlooks and lakes were encountered. The majority of the group made it to Cascade Falls together. After a nice break to eat lunch and explore the edges of Matthews Creek, we headed up the trail to the cable crossing. Six of us crossed the creek to explore Moonshine and Cascade Falls. The rest of the group stayed on the camp side and continued to explore the side trails.



*L to R: walking the Asbury Trail, Cascade Falls, Dave Schuetrum pauses for a photo op.*



*L to R: Cardinal Flower, Arrow-shaped Miracantha Spider, one of many mushrooms seen along the trail.*



*L to R: Claudia Stratmann traversing Matthews Creek, Pinesap, Moonshine Falls*

Highlights of the day included seeing many varieties of mushroom, learning tree identification from Ron Lance, finding several species of spiders, spotting a salamander and experiencing several waterfalls along Matthews Creek. The terrain was slightly rocky with a slight elevation change as we made our way up the trails to the falls. We passed through pond and lake habitats, by cascades and among a mix of pines, hickories and oaks.

As with most SCAN trips, our group was quite scattered. A few participants made it back to the parking lot in time to go to dinner at Monte Alban Mexican Grill and Seafood. The rest of us slowly wrapped up our explorations a little later and had to settle for dinner on our own.

Our original September destination is inaccessible due to the road washing out, so we're switching gears and returning to McAlhany Nature Preserve in Dorchester County, SC. The property sits on the Edisto River and contains a wide variety of habitats.

We look forward to seeing you!

*Kim McManus*

**McAlhany Nature Preserve  
Dorchester County, SC  
September 26, 2020 10:30am**

This month, we'll be visiting McAlhany Nature Preserve owned by the Charleston Audubon/Charleston Natural History Society. This beautiful 367-acre property on the Edisto River near St. George, SC was donated to the Charleston Natural History Society (CNHS) in 1986, and it was dedicated as a nature preserve in honor of Marvin McAlhany on January 18, 1987.

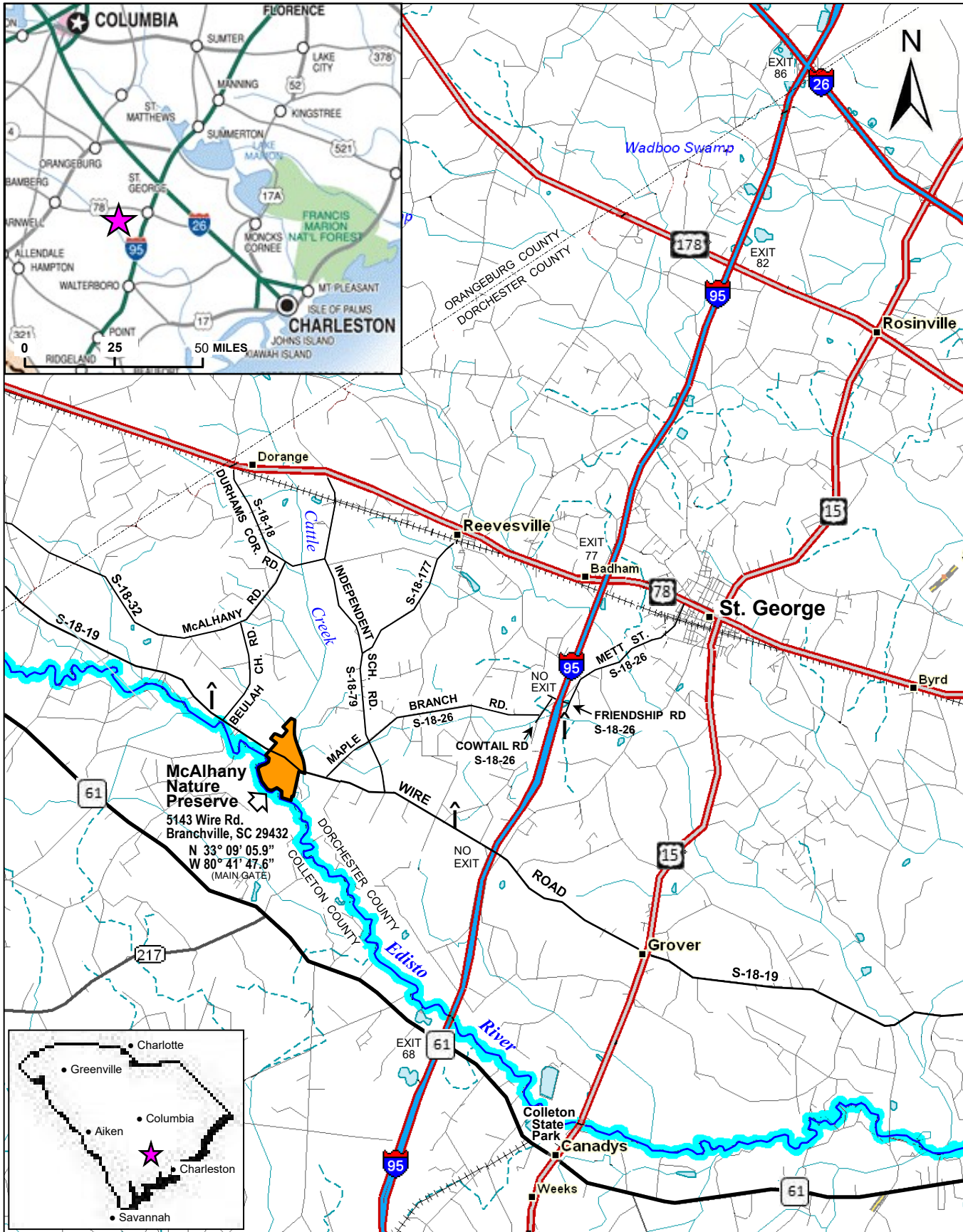
For a relatively small piece of land it includes an incredibly diverse array of habitats, beginning with 1.5 miles of frontage on the Edisto River and a nine-acre oxbow lake. Some other notable features include: a mixed Mesophytic hardwood bluff (great for spring wildflowers); a beech, magnolia and spruce pine hammock – a possibly unique plant association; upland oak-hickory forest; bottomland hardwoods forest (including many acres along Cattle Creek); freshwater marsh; a low water limestone outcrop; and of course the cabin and picnic area near the lake.

SCAN has visited this preserve in the past and there have been many species documented here over the years. A flora-fauna list from 2014 is provided by CNHS. (attached)

Charleston Audubon has graciously given us access to this preserve including the on-site cabin restroom. We will meet near the field station/cabin. The driving directions, including a map are attached. Turn onto Conservation Way, enter between wooden columns, go through the gate, and follow the unimproved road through the forest for approximately 0.4 mi.

After a day of sauntering in the woods, we will meet up at Shugs Southern Soul Cafe located St George about 15 minutes away. The address is 5792 Memorial Blvd, Saint George, SC 29477. A menu can be found at <https://shugssouthern soulcafe.com/>

Regional Director  
Marcus Sizemore



JC 1-24-12



PROPERTY ACCESS AUTHORIZED BY APPOINTMENT



**LOCATION MAP**  
**McALHANY NATURE PRESERVE**  
 DORCHESTER COUNTY, SOUTH CAROLINA

Owned and Managed by Charleston Natural History Society



## DIRECTIONS TO McALHANY NATURE PRESERVE

4-11-2014

5143 Wire Rd., Branchville, SC 29432

Dorchester County

N 33° 09' 05.5"

W 80° 41' 46.1"

On  
  
search "McAlhany Nature Preserve"

### **From Charleston via SC Hwy 61** 60 mi., 1 hr. 20 min.

- Take SC 61 northwest out of Charleston for approx. 45 miles to US 15 at Canadys.
- Turn right onto US 15 and go north for 3.7 miles to the community of Grover.
- At Grover turn left onto Wire Road S-18-19 (just after Stop N Shop store on right).
- Go 6.6 mi. to the small bridge over Cattle Creek.
- From Cattle Creek bridge, go another 0.25 mi. to the brown street sign "Conservation Way" on the left. To get to the field station, enter between wooden columns, go through gate, and follow unimproved road through the forest for 0.4 mi. To get to the north area gate, continue up Wire Rd. for 1,000 ft. to entrance on the right.

### **From Charleston via I-26** 65 mi., 1 hr. 15 min.

- Take I-26 west for approx. 30 mi. to Exit 187 (SC Rd 27).
- On Exit ramp, turn left onto SC 27.
- Go south on SC 27 for 1 mi. to US 78.
- Turn right onto US 78 and go 17 mi. to the town of St. George.
- At the traffic light in St. George, turn left onto US 15 and go south on US 15 for 5.9 mi. to Grover.
- AT Grover, turn right onto Wire Road S-18-19.
- Go 6.6 mi. to small bridge over Cattle Creek.
- From Cattle Creek bridge, go another 0.25 mi. to the brown street sign "Conservation Way" on the left. To get to the field station, enter between wooden columns, go through gate, and follow unimproved road through the forest for 0.4 mi. To get to the north area gate, continue up Wire Rd. for 1,000 ft. to entrance on the right.

### **Option From St. George - Most Direct** 9 mi., 18 min.

- Beginning at St. George, SC, intersection of US 78 and US 15:
- Go west on US 78 for 0.6 mi. (on left see red brick wall and cemetery)
- Turn left onto Mett St. S-18-26 and go 2.3 mi.
- Turn right onto Friendship Rd. S-18-26, go under I-95 bridge then turn left onto Cowtail Rd. S-18-26.
- On Cowtail Rd. S-18-26 go 1.0 mi. to Maple Branch Rd.
- Turn right onto Maple Branch Rd. S-18-26 and go 3.9 mi. to intersection with Wire Rd.
- Turn right onto Wire Rd. S-18-19 and go 0.4 mi. to small bridge over Cattle Creek.
- From Cattle Creek bridge, go another 0.25 mi. to the brown street sign "Conservation Way" on the left. To get to the field station, enter between wooden columns, go through gate, and follow unimproved road through the forest for 0.4 mi. To get to the north area gate, continue up Wire Rd. for 1,000 ft. to entrance on the right.

**From Bamberg** 25 mi., 34 min.

- Take 78 SE to SC Hwy 61.
- Continue SE on 61 for approx. 6.5 mi. to Whetstone Crossroads, intersection of 61 and US 21.
- Turn left onto US 21 going north, cross Edisto River and go approx. 2 mi.
- Turn right onto Wire Rd. S-38-204 (becomes S-18-19 at Dorchester Co. line) and go 7.1 miles to McAlhany Preserve.
- The Preserve is one mile past Beulah Church. The property is on both sides of road. The north area gate is on the left. To get to the field station, proceed 1,000 ft. further on Wire Rd, to a brown street sign "Conservation Way". Turn right into Conservation Way, enter between wooden columns, go through gate, and follow unimproved road through the forest for 0.4 mi.

**From Orangeburg** 28 mi., 38 min.

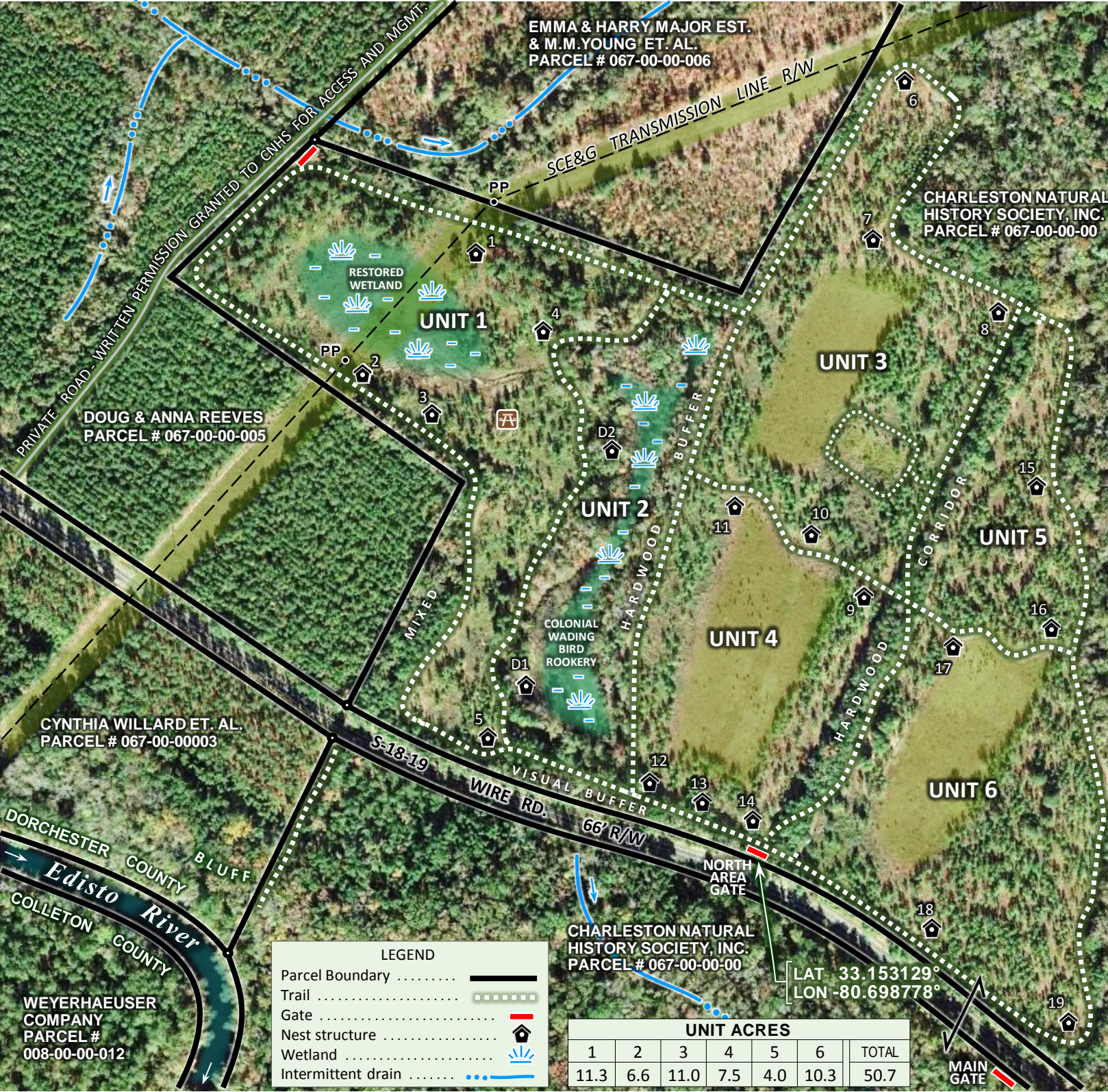
- Take US 21 south for approx. 16 mi. to Branchville.
- Continue on US 21 past Branchville for 3.3 mi. and turn left onto Wire Road S-38-204.
- Go 7.1 mi. on Wire Road S-38-204 (becomes S-18-19 at Dorchester Co. line) to McAlhany Preserve.
- The Preserve is one mile past Beulah Church. The property is on both sides of road. The north area gate is on the left. To get to the field station, proceed 1,000 ft. further on Wire Rd, to a brown street sign "Conservation Way". Turn right into Conservation Way, enter between wooden columns, go through gate, and follow unimproved road through the forest for 0.4 mi.

**From Walterboro** 25 mi., 35 min.

- Take US 15 north for. 13.8 mi. to Grover.
- Turn left onto Wire Road S-18-19 (just after "Shop N Stop" store on right).
- Go 6.6 mi. and cross small bridge over Cattle Creek.
- From Cattle Creek bridge, go another 0.25 mi. to the brown street sign "Conservation Way" on the left. To get to the field station, enter between wooden columns, go through gate, and follow unimproved road through the forest for 0.4 mi. To get to the north area gate, continue up Wire Rd. for 1,000 ft. to entrance on the right.

**From Columbia** 70 mi., 1 hr. 20 min.

- I-26 east for approx. 35 mi. to US 601, Exit 145.
- Take US 601 into Orangeburg (approx. 5 mi.). Note- US 601 joins with US 21.
- Go through Orangeburg and continue south on US 21 for approx. 16 mi. to Branchville.
- Continue on US 21 past Branchville for 3.3 mi. and turn left onto Wire Road S-38-204.
- Go 7.1 mi. on Wire Road S-38-204 (becomes S-18-19 at Dorchester Co. line) to McAlhany Preserve.
- The Preserve is one mile past Beulah Church. The property is on both sides of road. The north area gate is on the left. To get to the field station, proceed 1,000 ft. further on Wire Rd, to a brown street sign "Conservation Way". Turn right into Conservation Way, enter between wooden columns, go through gate, and follow unimproved road through the forest for 0.4 mi.

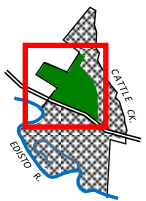


**PRESCRIBED BURN HISTORY**

DATE	UNIT NO.					
	1	2	3	4	5	6
2006 FEB 15	✓		✓	✓	✓	✓
2007 NO BURN						
2008 JAN 27 FEB 09	✓		✓	✓	✓	✓
2009 JAN 10 MAR 21	✓		✓	✓	✓	✓
2010 APR 17	✓	✓				
2011 JAN 29			✓	✓		
2012 JAN 28	✓				✓	✓
2013 MAR 02			✓	✓		
2014 NO BURN	- ICE STORM DAMAGE -					
2015 FEB 01 FEB 14	✓		✓		✓	✓
2016 NO BURN						
2017 FEB 25 MAR 05	✓	✓	✓	✓	✓	✓
2018 NO BURN						
2019 JAN 17	✓					
2020 MAY 14	✓		✓	✓	✓	✓
2021						
2022						
2024						

THIS MAP IS FOR ILLUSTRATIVE PURPOSES AND SHOULD NOT BE USED FOR EXACT LOCATION

PREPARED FEB. 2019  
BY J. COCKRELL FOR CNHS  
UPDATED MAY 24, 2020  
PREVIOUS VERSIONS OBSOLETE



CNHS-MNP  
PO Box 504  
Charleston, SC 29402

CharlestonAudubon.org  
McAlhanyPreserve@gmail.com

PROTECTED FOREVER LOWCOUNTRY LAND TRUST

Aerial Imagery: Google 11/16/2017

0 100 200 300 FT

5143 Wire Rd., Dorchester County, SC 29432

**ECOLOGICAL RESTORATION AND HABITAT ENHANCEMENT OF THE NORTH AREA UPLANDS PORTION OF McAlhany Nature Preserve**

owned and managed since 1986 by  
**Charleston Natural History Society**  
in partnership with Audubon South Carolina

**LEGEND**

- Parcel Boundary
- Trail
- Gate
- Nest structure
- Wetland
- Intermittent drain

**UNIT ACRES**

1	2	3	4	5	6	TOTAL
11.3	6.6	11.0	7.5	4.0	10.3	50.7

LAT 33.153129°  
LON -80.698778°

**LEGEND**

- trail
- property boundary
- paved road
- unpaved access road
- intermittent stream
- gate
- wetland
- shelter
- picnic table
- parking

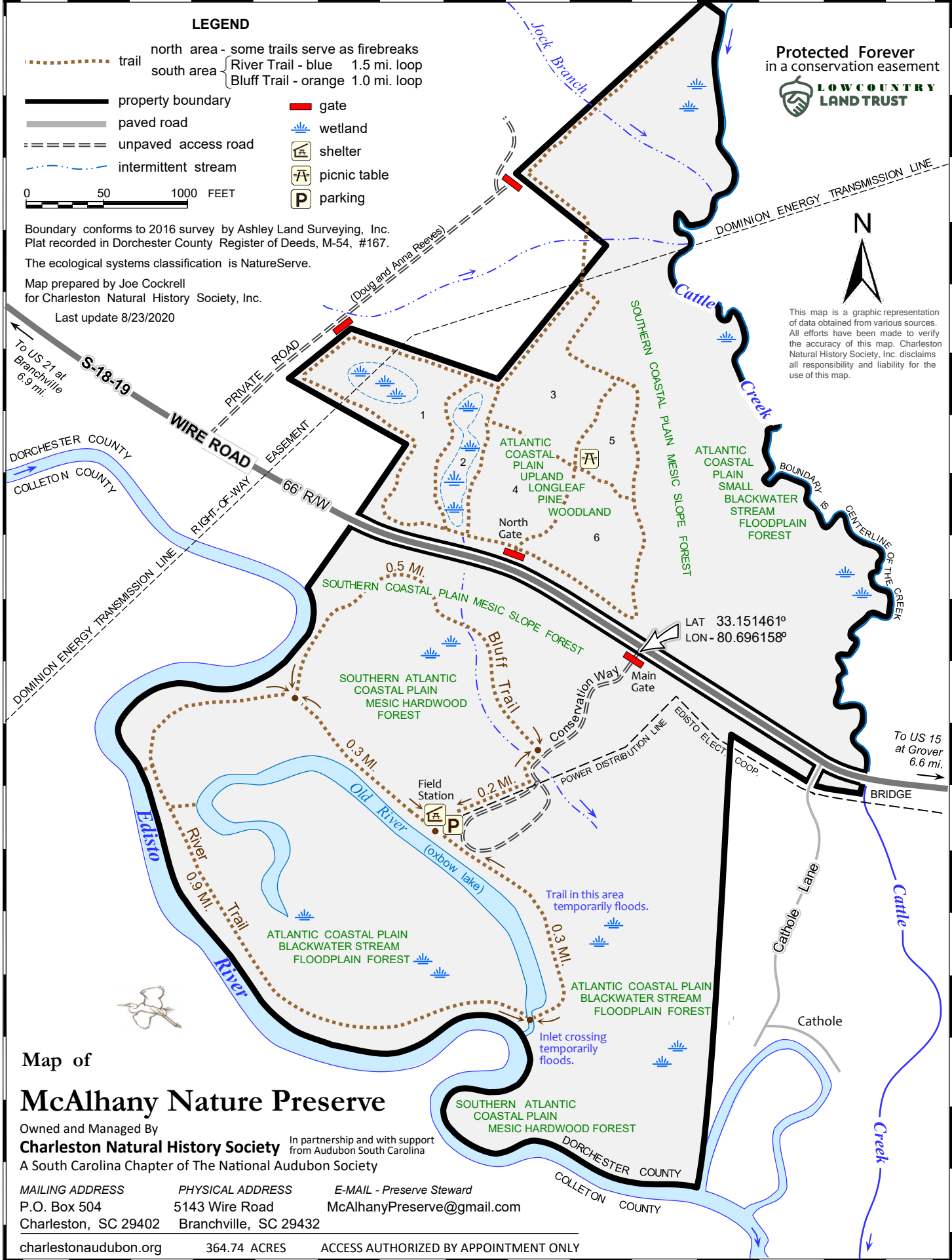
Boundary conforms to 2016 survey by Ashley Land Surveying, Inc. Plat recorded in Dorchester County Register of Deeds, M-54, #167.  
 The ecological systems classification is NatureServe.  
 Map prepared by Joe Cockrell for Charleston Natural History Society, Inc.  
 Last update 8/23/2020

**Protected Forever**  
 in a conservation easement



**LOWCOUNTRY LAND TRUST**

This map is a graphic representation of data obtained from various sources. All efforts have been made to verify the accuracy of this map. Charleston Natural History Society, Inc. disclaims all responsibility and liability for the use of this map.



Map of  
**McAlhany Nature Preserve**

Owned and Managed By  
**Charleston Natural History Society** In partnership and with support from Audubon South Carolina  
 A South Carolina Chapter of The National Audubon Society

MAILING ADDRESS: P.O. Box 504, Charleston, SC 29402  
 PHYSICAL ADDRESS: 5143 Wire Road, Branchville, SC 29432  
 E-MAIL - Preserve Steward: McAlhanyPreserve@gmail.com

charlestonaudubon.org      364.74 ACRES      ACCESS AUTHORIZED BY APPOINTMENT ONLY



**Asbury Hills Camp  
Greenville Co., SC  
August 22, 2020**

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 Jones [tomjones@scan.org](mailto:tomjones@scan.org)  
Please indicate exactly to which flora/fauna list you are referring. Thank you.

**FLORA**

**Grain O' Wheat Moss**

\* *Diphyscium mucronifolium*

**Common Running-cedar**

*Diphasiastrum digitatum*

**Southern Grapefern**

*Sceptridium biternatum*

**Royal Fern**

*Osmunda regalis spectabilis*

**American Climbing Fern**

*Lygodium palmatum*

**Northern Maidenhair Fern**

*Adiantum pedatum*

**Bracken**

*Pteridium aquilinum*

**Broad Beech Fern**

*Phegopteris hexagonoptera*

**New York Fern**

*Thelypteris noveboracensis*

**Netted Chain Fern**

*Woodwardia areolata*

**Southern Lady Fern**

*Athyrium asplenoides*

**Sensitive Fern**

*Onoclea sensibilis sensibilis*

**Christmas Fern**

*Polystichum acrostichoides*

**Eastern White Pine**

*Pinus strobus*

**Virginia Pine**

*Pinus virginiana*

**Eastern Hemlock**

*Tsuga canadensis*

**Jack-in-the-pulpit**

*Arisaema triphyllum*

**Common Dayflower**

*Commelina communis communis*

**Common Rush**

*Juncus effusus solutus*

**Sedge**

*Carex lurida*

**Hill Cane**

*Arundinaria appalachiana*

**Common Shorthusk**

*Brachyelytrum erectum*

**Longleaf Spikegrass**

*Chasmanthium sessiliflorum*

**Flexible Sasa-grass**

*Microstegium vimineum*

**American Bur-reed**

*Sparganium americanum*

**Common Cattail**

*Typha latifolia*

**Indian Cucumber-root**

*Medeola virginiana*

**Perfoliate Bellwort**

*Uvularia perfoliata*

**Bellwort**

*Uvularia puberula*

**Common Stargrass**

*Hypoxis hirsuta*

**Devil's-bit**

*Chamaelirium luteum*

**Solomon's-seal**

*Polygonatum biflorum*

**Dwarf Crested Iris**

*Iris cristata*

**Dwarf Iris**

*Iris verna*

**Whiteleaf Greenbrier**

*Smilax glauca*

**Common Greenbrier**

*Smilax rotundifolia*

**Common Wild Yam**

*Dioscorea villosa*

**Downy Rattlesnake-orchid**

*Goodyera pubescens*

**Large Twayblade**

*Liparis liliifolia*

**Yellow Fringed Orchid**

*Platanthera ciliaris*

**Small Green Wood Orchid**

*Platanthera clavellata*

**Cranefly Orchid**

*Tipularia discolor*

**Tulip-tree**

*Liriodendron tulipifera*

**Cucumber-tree**

*Magnolia acuminata*

**Fraser Magnolia**

*Magnolia fraseri*

**Small-flowered PawPaw**

*Asimina parviflora*

**Sweet-shrub**

*Calycanthus floridus*

**Sassafras**

*Sassafras albidum*

**Large-flower Heartleaf**

*Hexastylis shuttleworthii*  
*shuttleworthii*

**Common Black-cohosh**

*Actaea racemosa*

**Wood Anemone**

*Anemone quinquefolia*

**Yellowroot**

*Xanthorhiza simplicissima*

**May-apple**

*Podophyllum peltatum*

**Bloodroot**

*Sanguinaria canadensis*

**Smallspike False-nettle**

*Boehmeria cylindrica*

**Pignut Hickory**

*Carya glabra*

**Sand Hickory**

*Carya pallida*

**Mockernut Hickory**

*Carya tomentosa*

**American Chestnut**

*Castanea dentata*

**White Oak**

*Quercus alba*

**Scarlet Oak**

*Quercus coccinea*

**Rock Chestnut Oak**

*Quercus montana*

**Red Oak**

*Quercus rubra*

**Post Oak**

*Quercus stellata*

**Black Oak**

*Quercus velutina*

**Saul Oak**

\* *Quercus x saulii*

**Tag Alder**

*Alnus serrulata*

**Sweet Birch**

*Betula lenta lenta*

**River Birch**

*Betula nigra*

**Common Pokeweed**

*Phytolacca americana*

**St.-John's-wort**

*Hypericum stragulum*

**Round-leaf Yellow Violet**

*Viola rotundifolia*

**Yellow Passionflower**

*Passiflora lutea lutea*

**Spotted Wintergreen**

*Chimaphila maculata*

**Bear Huckleberry**

*Gaylussacia ursina*

**Appalachian Red Pinesap**

\* *Hypopitys lanuginosa*

**Mountain Laurel**

*Kalmia latifolia*

**Mountain Doghobble**

*Leucothoe fontanesiana*

**Maleberry**  
*Lyonia ligustrina*

**Sourwood**  
*Oxydendrum arboreum*

**White Rosebay**  
*Rhododendron maximum*

**Gorge Rhododendron**  
*Rhododendron minus*

**Sparkleberry**  
*Vaccinium arboreum*

**Elliott's Blueberry**  
*Vaccinium elliotii*

**Galax**  
*Galax urceolata*

**American Persimmon**  
*Diospyros virginiana*

**Silverbell**  
*Halesia tetraptera*

**American Snowbell**  
*Styrax americanus*

**Horsesugar**  
*Symplocos tinctoria*

**Snowy Hydrangea**  
*Hydrangea radiata*

**Virginia-willow**  
*Itea virginica*

**Woodland Agrimony**  
*Agrimonia rostellata*

**Eastern Serviceberry**  
*Amelanchier canadensis*

**Mountain Indian-physic**  
*Gillenia trifoliata*

**Five-fingers**  
*Potentilla canadensis*

**Black Cherry**  
*Prunus serotina serotina*

**Mountain Indigo**  
*Amorpha glabra*

**Hog-peanut**  
*Amphicarpaea bracteata*

**Common Groundnut**  
*Apios americana*

**Common Sensitive-plant**  
*Chamaecrista nictitans nictitans*

**Naked Tick-trefoil**  
*Desmodium nudiflorum*

**Roundleaf Tick-trefoil**  
*Desmodium rotundifolium*

**Eastern Sensitive-briar**  
*Mimosa microphylla*

**Black Locust**  
*Robinia pseudoacacia*

**Alternate-leaf Seedbox**  
*Ludwigia alternifolia*

**Meadow-beauty**  
*Rhexia mariana*

**Virginia Meadow-beauty**  
*Rhexia virginica*

**Flowering Dogwood**  
*Cornus florida*

**Blackgum**  
*Nyssa sylvatica*

**Buffalo-nut**  
*Pyrularia pubera*

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

**American Holly**  
*Ilex opaca opaca*

**Eastern Flowering Spurge**  
*Euphorbia corollata*

**Virginia-creeper**  
*Parthenocissus quinquefolia*

**Summer Grape**  
*Vitis aestivalis aestivalis*

**Muscadine**  
*Vitis rotundifolia rotundifolia*

**Racemed Milkwort**  
*Polygala polygama polygama*

**Eastern Red Maple**  
*Acer rubrum rubrum*

**Yellow Buckeye**  
*Aesculus flava*

**Smooth Sumac**  
*Rhus glabra*

**Eastern Poison Ivy**  
*Toxicodendron radicans radicans*

**Hairy Angelica**  
*Angelica venenosa*

**American Lovage**  
*Ligusticum canadense*

**Sanicle**  
*Sanicula canadensis*

**Pinkroot**  
*Spigelia marilandica*

**Wild Sweet Potato**  
*Ipomoea pandurata*

**Phlox**  
*Phlox carolina*

**American Lopseed**  
*Phryma leptostachya leptostachya*

**Northern Horsebalm**  
*Collinsonia canadensis*

**Bugleweed**  
*Lycopus sp.*

**Bergamot**  
*Monarda sp.*

**Self-heal**  
*Prunella vulgaris*

**Biltmore Ash**  
*Fraxinus biltmoreana*

**Chinese Privet**  
*Ligustrum sinense*

**Appalachian Oak-leach**  
*Aureolaria laevigata*

**Downy Oak-leach**  
*Aureolaria virginica*

**Bearcorn**  
*Conopholis americana*

**Cardinal Flower**  
*Lobelia cardinalis*

**Indian-tobacco**  
*Lobelia inflata*

**Buttonweed**  
*Diodia virginiana*

**Forest Bedstraw**  
*Galium circaezans*

**Summer Bluet**  
*Houstonia purpurea*

**Partridge-berry**  
*Mitchella repens*

**Mapleleaf Viburnum**  
*Viburnum acerifolium*

**Southern Wild Raisin**  
*Viburnum nudum*

**Plantain Pussytoes**  
*Antennaria plantaginifolia*

**Pale Indian-plantain**  
*Arnoglossum atriplicifolium*

**Green-and-gold**  
*Chrysogonum virginianum*

**Maryland Golden-aster**  
*Chrysopsis mariana*

**Coreopsis**  
*Coreopsis major*

**Appalachian Flat-topped Aster**  
*Doellingeria infirma*

**Leafy Elephant's-foot**  
*Elephantopus carolinianus*

**Elephant's-foot**  
*Elephantopus tomentosus*

**Robin's-plantain**  
*Erigeron pulchellus pulchellus*

**Common Rough Fleabane**  
*Erigeron strigosus strigosus*

**White-bracted Thoroughwort**  
*Eupatorium album album*

**Bonaset**  
*Eupatorium perfoliatum*

**Common Heart-leaved Aster**  
*Eurybia divaricata*

**Hollow-stem Joe-pye-weed**  
*Eutrochium fistulosum*

**Purple-node Joe-pye-weed**  
*Eutrochium purpureum purpureum*

**Spreading Sunflower**  
*Helianthus divaricatus*

**Small-headed Sunflower**  
*Helianthus microcephalus*

**Leafy Hawkweed**  
*Hieracium paniculatum*

**Gall-of-the-earth**  
*Prenanthes serpentaria*

**Rosinweed**  
*Silphium asteriscus*

**Bearsfoot**  
*Smallanthus uvedalius*

**Curtis's Goldenrod**  
*Solidago curtisii*

**Licorice Goldenrod**  
*Solidago odora odora*

**Aster**  
*Symphotrichum retroflexum*

**Ironweed**  
*Vernonia noveboracensis*

**Ochre Jelly Club**  
*Leotia lubrica*

**Black-trumpet**  
*Craterellus fallax*

**Chanterelle**  
*Craterellus cornucopiodes*

**Spindle-shaped Yellow Coral**  
*Clavulinopsis fusiformis*

**Crown-tipped Coral**  
*Clavicornia pyxidata*

**Yellow-tipped Coral**  
*Ramaria formosa*

**Murrill's Coral**  
\* *Ramaria murrillii*

**Bitter Coral**  
\* *Ramaria fennica*

**Zoned Tooth Fungus**  
\* *Hydnellum conrescens*

**Tinder Polypore**  
*Fomes fomentarius*

**Ling Chih**  
*Ganoderma lucidum*

**False Turkey-tail**  
*Stereum ostrea*

**Tawny Grisette**  
*Amanita fulva*

**Ornate-stalked Bolete**  
*Retiboletus ornatipes*

**Old-man-of-the-woods**  
*Strobilomyces floccopus*

**Birch Bolete**  
*Austroboletus betula*

**Emetic Russula (mushroom)**  
*Russula emetica*

**Orange Pinwheel Marasmius**  
*Marasmius siccus*

**Resinomyceana**  
*Resinomyceana rhododendri*

**Blue-black Spider Wasp**  
*Anoplius* sp.

**Oak Shothole Leafminer Fly**  
*Japanagromyza viridula*

**Tiger Spiketail**  
\* *Cordulegaster erronea*

**Common Whitetail**  
*Plathemis lydia*

**Ebony Jewelwing**  
*Calopteryx maculata*

**Southern Spreadwing**  
*Lestes australis*

**Eastern Tiger Swallowtail**  
*Papilio glaucus*

**Summer Azure**  
*Celastrina neglecta*

**Silver-spotted Skipper**  
*Epargyreus clarus*

**Northern Water Snake**  
*Nerodia sipedon*

**Broad-winged Hawk**  
*Buteo platypterus*

## FAUNA

**Giant Forest Snail**  
*Mesodon normalis*

**Crab-shaped Spiny-back**  
*Gasteracantha cancriformis*

**Spiny-backed Spider**  
*Micrathena gracilis*

**Arrow-shaped Spiny-back**  
*Micrathena sagittata*

**Difoliate Orb-weaver**  
*Acacesia hamata*

**Grass Spider**  
*Agelenopsis* sp.

**Fishing Spider**  
\* *Dolomedes vittatus*

**Froghopper**  
*Prosapia bicincta*

**Linne's Annual Cicada**  
\* *Neotibicen linnei*

**Woolly Alder Aphid**  
*Prociphilus tessellatus*

**Eastern Yellowjacket**  
*Vespula maculifrons*