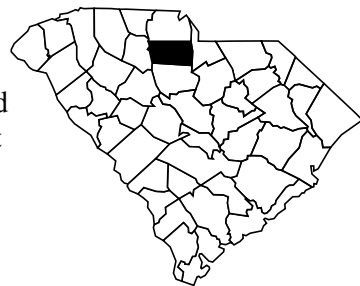


Chester County:

Classic piedmont best describes most of this county. It is bounded on the east by the Catawba River, and on the west by the Broad River. The two areas visited and described below are one on each river. Human activity along these rivers has impacted the current natural history of each area.



Sites Visited:

Great Falls Railroad Trail (Catawba R.)

10/27/2001

Woods Ferry Recreational Area

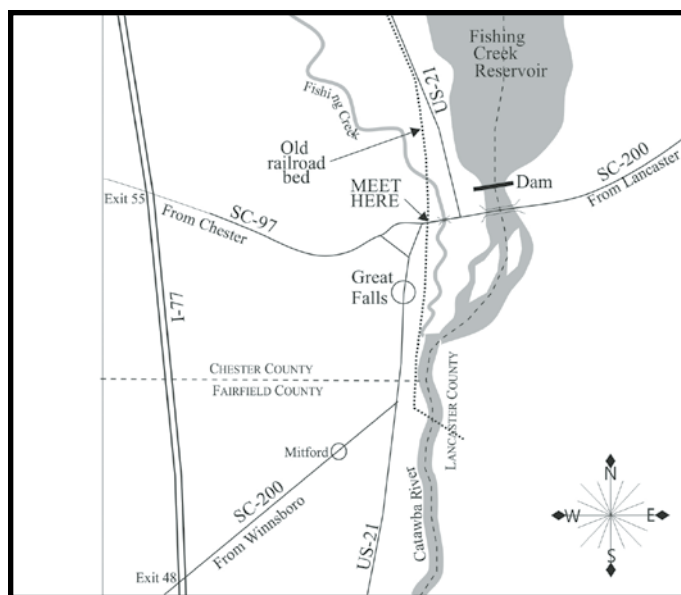
06/26/1999

Great Falls Railroad Trail along the Catawba River

10/27/2001

This is a classic example of the 'rails to trails' program utilizing discontinued rail roadbeds as graded trails for foot traffic. This is about a 20 mile roadbed alongside the Catawba River just down stream on the west bank. The access to the northern part of the trail below Fishing Creek Dam is steep, but it is the most interesting from a natural history point of view. From the trail the river is usually in view along with large granite outcroppings both in the river and along the trail. During migration time, the bird population is very rich, along with the river-using waterfowl. In late October Hermit Thrushes and Kinglets were moving and feeding in the treetops. Anhingas and Great Egrets were hunting from the river boulders.

Directions: This trail may no longer be readily accessible. Access from the northern terminus is down a steep grade with much crushed rock from the road bed. The trail access is on the south side of the highway that serves US 21, SC 200 and SC 97 that is between the Fishing Creek Bridge and where SC 97 goes right and 21-200 bears south. Parking is roadside only. Scramble down the bank carefully and at your own risk. Access from the south end is possible from River Road in Great Falls, but the southern end of the trail has received much more damaging human use.



**Great Falls Railroad Trail
(Catawba River)
Chester County, SC
October 27, 2001**

FLORA

Southern Grapefern
Sceptridium bitematum
Bracken
Pteridium aquilinum
Mariana Maiden Fern
Macrothelypteris torresiana
Netted Chain Fern
Woodwardia areolata
Ebony Spleenwort
Asplenium platyneuron

Southern Lady Fern
Athyrium asplenoides
Sensitive Fern
Onoclea sensibilis sensibilis
Christmas Fern
Polystichum acrostichoides
Loblolly Pine
Pinus taeda
Virginia Pine
Pinus virginiana
Eastern Red Cedar
Juniperus virginiana virginiana
Green Arrow-arum
Peltandra virginica

Dayflower
Commelina sp.
Angle-stem Beaksedge
Rhynchospora caduca
Giant Cane
Arundinaria gigantea
Barneyard-grass
Echinochloa crusgalli crusgalli
Wild-rye
Elymus virginicus
Flexible Sasa-grass
Microstegium vimineum
Giant Plume Grass
Saccharum giganteum
Gamma Grass
Tripsacum dactyloides dactyloides
Catbrier
Smilax bona-nox
Jackson-brier
Smilax smallii
Crane-fly Orchid
Tipularia discolor
Tulip-tree
Liriodendron tulipifera

Southern Magnolia
Magnolia grandiflora
Sassafras
Sassafras albidum
Lizard's-tail
Saururus cernuus
Virgin's-bower
Clematis virginiana
Coralbeads
Cocculus carolinus
Sycamore
Platanus occidentalis occidentalis
Sweet Gum
Liquidambar styraciflua
Winged Elm
Ulmus alata
Red Mulberry
Morus rubra
Greenfruit Clearweed
Pilea pumila
Mockernut Hickory
Carya alba
Pignut Hickory
Carya glabra
Common Wax-myrtle
Morella cerifera

White Oak <i>Quercus alba</i>	Common Partridge-pea <i>Chamaecrista fasciculata</i>	Trumpet-creeper <i>Campsis radicans</i>	Tinkling Ground Cricket <i>Allonemobius tinnulus</i>
Southern Red Oak <i>Quercus falcata</i>	Honey Locust <i>Gleditsia triacanthos</i>	Cardinal Flower <i>Lobelia cardinalis</i>	Largid Bug <i>Largus succinctus</i>
Swamp Chestnut Oak <i>Quercus michauxii</i>	Black Locust <i>Robinia pseudoacacia</i>	Lobelia <i>Lobelia puberula</i>	Red Wax Scale <i>Ceroplastes rubens</i>
Water Oak <i>Quercus nigra</i>	Autumn Silverberry <i>Elaeagnus pungens</i>	Common Ragweed <i>Ambrosia artemisiifolia</i>	Black-headed Pine Sawfly (larva) <i>Neodiprion excitans</i>
Willow Oak <i>Quercus phellos</i>	Spring Silverberry <i>Elaeagnus umbellata parvifolia</i>	Silverling <i>Baccharis halimifolia</i>	Patent-leather Beetle <i>Odontotaenius disjunctus</i>
Black Oak <i>Quercus velutina</i>	Silky Dogwood <i>Cornus amomum</i>	Spanish Needles <i>Bidens bipinnata</i>	Locust Borer <i>Megacyllene robiniae</i>
Tag Alder <i>Alnus serrulata</i>	Flowering Dogwood <i>Cornus florida</i>	Elephant's-foot <i>Elephantopus tomentosus</i>	American Lady (butterfly) <i>Vanessa virginiensis</i>
River Birch <i>Betula nigra</i>	Possum-haw <i>Ilex decidua decidua</i>	Common Dog-fennel <i>Eupatorium capillifolium</i>	Fall Webworm Moth (sign) <i>Hyphantria cunea</i>
American Hornbeam <i>Carpinus caroliniana</i>	American Holly <i>Ilex opaca opaca</i>	Boneset <i>Eupatorium perfoliatum</i>	Green Anole <i>Anolis carolinensis</i>
American Hop-hornbeam <i>Ostrya virginiana</i>	Muscadine <i>Vitis rotundifolia rotundifolia</i>	Hollow-stem Joe-pye-weed <i>Eutrochium fistulosum</i>	Anhinga; Snakebird <i>Anhinga anhinga</i>
Common Pokeweed <i>Phytolacca americana</i>	Box Elder <i>Acer negundo</i>	Bitterweed <i>Helenium amarum amarum</i>	Great Egret <i>Casmerodius albus</i>
Dotted Smartweed <i>Persicaria punctata</i>	Red Maple <i>Acer rubrum</i>	Common Camphorweed <i>Heterotheca latifolia latifolia</i>	Great Blue Heron <i>Ardea herodias</i>
St. Andrew's Cross <i>Hypericum hypericoides</i>	Winged Sumac <i>Rhus copallinum</i>	Long-stalked Aster <i>Symphyotrichum dumosum</i>	Turkey Vulture <i>Cathartes aura</i>
Southern Basswood <i>Tilia americana caroliniana</i>	Smooth Sumac <i>Rhus glabra</i>	Frost Aster <i>Symphyotrichum pilosum pilosum</i>	Black Vulture <i>Coragyps atratus</i>
Mountain Basswood <i>Tilia americana heterophylla</i>	Eastern Poison Ivy <i>Toxicodendron radicans radicans</i>	Aster <i>Symphyotrichum undulatum</i>	Red-tailed Hawk <i>Buteo jamaicensis</i>
Black Willow <i>Salix nigra</i>	Chinaberry <i>Melia azedarach</i>	Bearded Hedgehog Mushroom <i>Heridium ramosum</i>	Northern Flicker <i>Colaptes auratus</i>
Spotted Wintergreen <i>Chimaphila maculata</i>	Carolina Jessamine <i>Gelsemium sempervirens</i>	Cleft-foot Amanita <i>Amanita brunnescens</i>	Blue Jay <i>Cyanocitta cristata</i>
Sourwood <i>Oxydendrum arboreum</i>	Beautyberry <i>Callicarpa americana</i>	FAUNA	American Crow <i>Corvus brachyrhynchos</i>
Elliott's Blueberry <i>Vaccinium elliotii</i>	Henbit <i>Lamium amplexicaule amplexicaule</i>	Crab-shaped Spiny-back <i>Gasteracantha cancriformis</i>	Fish Crow <i>Corvus ossifragus</i>
American Persimmon <i>Diospyros virginiana</i>	Virginia Bugleweed <i>Lycopus virginicus</i>	Boll's Sand Grasshopper <i>Spharagemon bolli</i>	Carolina Chickadee <i>Parus carolinensis</i>
Black Cherry <i>Prunus serotina serotina</i>	Green Ash <i>Fraxinus pennsylvanica</i>	Red-legged Grasshopper <i>Melanoplus femurrubrum</i>	Brown Creeper <i>Certhia americana</i>
Blackberry <i>Rubus sp.</i>	Woolly Mullein <i>Verbascum thapsus</i>		Carolina Wren <i>Thryothorus ludovicianus</i>
Mimosa <i>Albizia julibrissin</i>	Cross-vine <i>Bignonia capreolata</i>		Hermit Thrush <i>Catharus guttatus</i>
Eastern Redbud <i>Cercis canadensis canadensis</i>			Northern Mockingbird <i>Mimus polyglottos</i>
			White-tailed Deer (tracks) <i>Odocoileus virginianus</i>

Woods Ferry Recreational Area

Sumter National Forest

06/26/1999

As the name implies, this site is situated where a ferry for horse and buggy traffic crossing the Broad River operated in the 1800's. It was utilized by the Confederates fighting against General Sherman during the Civil War. In the early 1900's the area was heavily logged, but the U.S. Forest Service has done erosion control and reforestation, resulting in a beautiful floodplain and mixed pine-hardwood forest.

On the day of SCAN's visit large reptiles were especially obvious, including a Brown Water Snake and

an Eastern King Snake. In addition a large number of Box Turtles were crossing the road in the area. Amphibian sightings were highlighted by a Marbled Salamander. In addition a Confederate era abandoned cemetery was found in the woods. Both human and natural history joined to make an outstanding visit.

Directions: From SC 9 east of the Broad River in Chester County, about 11 miles west of Chester or 5.5 miles east of the bridge over the Broad River, turn south on SR 49 (Woods Ferry Road). In approximately 5.6

miles turn right onto SR 574 and travel the 3.5 miles to the end. The last small portion will be unpaved. Park at the picnic area.

From SC 72 & 121, about 13 miles southwest of Chester or 3 miles east of the Broad River, turn north onto SR 25. In the community of Leeds stay straight (SR 25 turns sharp right). The road will now be numbered as SR 49, Woods Ferry Road. Watch for SR 574 on your left in about 6 miles after leaving 72-121. Again follow the road to the end.

**Woods Ferry Recreation Area,
Sumter National Forest
Chester County, SC
June 26, 1999**

LICHENS

Leptogium cyanescens
Graphis scripta
Bacidia schweinitzii
Cladonia subtenuis
Cladonia coniocraea
Cladonia didyma
Cladonia polycarpoides
Cladonia peziziformis
Pycnothelia papillaria
Pertusaria amara
Pertusaria texana
Candelaria concolor
Parmotrema hypotropum
Parmotrema perforatum
Flavoparmelia caperata
Canoparmelia caroliniana
Usnea strigosa
Physcia millegrana
Ochrolechia africana
Leproloma membranaceum
Chrysothrix sp.

FLORA

Common Running-cedar
Diphasiastrum digitatum
Rattlesnake Fern
Botrypus virginianus
Ebony Spleenwort
Asplenium platyneuron
Southern Lady Fern
Athyrium asplenoides
Christmas Fern
Polystichum acrostichoides
Shortleaf Pine
Pinus echinata
Loblolly Pine
Pinus taeda
Eastern Red Cedar
Juniperus virginiana virginiana
Bald-cypress
Taxodium distichum
Elegant Hair Grass
Aira elegantissima
Giant Cane
Arundinaria gigantea
River Oats
Chasmanthium latifolium
Wild-rye
Elymus virginicus

Flexible Sasa-grass
Microstegium vimineum
Blue-eyed-grass
Sisyrinchium sp.
Downy Rattlesnake-orchid
Goodyera pubescens

Tulip-tree
Liriodendron tulipifera
Small-flowered PawPaw
Asimina parviflora
Common Pawpaw
Asimina triloba

Spicebush
Lindera benzoin

Sassafras
Sassafras albidum

Coralbeads
Cocculus carolinus

Sycamore
Platanus occidentalis

Sweet Gum
Liquidambar styraciflua

Winged Elm
Ulmus alata

Northern Hackberry
Celtis occidentalis

Red Mulberry
Morus rubra

Wood-nettle
Laportea canadensis

Mockernut Hickory
Carya alba

Black Walnut
Juglans nigra

American Beech
Fagus grandifolia

White Oak
Quercus alba

Southern Red Oak
Quercus falcata

Swamp Chestnut Oak
Quercus michauxii

Water Oak
Quercus nigra

Willow Oak
Quercus phellos

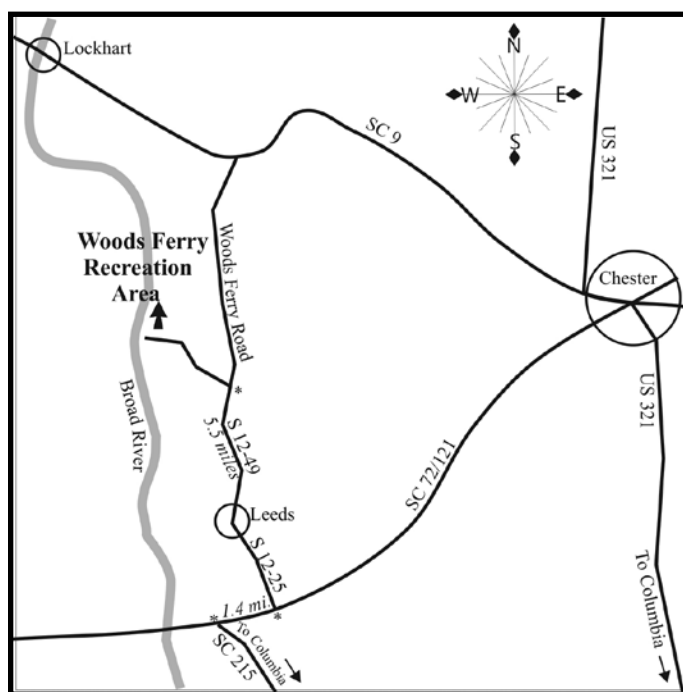
Post Oak
Quercus stellata

Tag Alder
Alnus serrulata

River Birch
Betula nigra

American Hornbeam
Carpinus caroliniana

Common Pokeweed
Phytolacca americana



St. Andrew's Cross
Hypericum hypericoides

Yellow Passionflower
Passiflora lutea lutea

Eastern Cottonwood
Populus deltoides deltoides

Black Willow
Salix nigra

Sourwood
Oxydendrum arboreum

Sparkleberry
Vaccinium arboreum

Elliott's Blueberry
Vaccinium elliotii

American Persimmon
Diospyros virginiana

Avens
Geum canadense

Five-fingers
Potentilla canadensis

Black Cherry
Prunus serotina serotina

Blackberry
Rubus sp.

Mimosa
Albizia julibrissin

Eastern Redbud
Cercis canadensis canadensis

Butterfly Pea
Clitoria mariana mariana

Sericea
Lespedeza cuneata

Pencil-flower
Stylosanthes biflora

Goat's-rue
Tephrosia spicata

Silky Dogwood
Cornus amomum

Flowering Dogwood
Cornus florida

Blackgum
Nyssa sylvatica

Possum-haw
Ilex decidua decidua

American Holly
Ilex opaca opaca

Nettleleaf Noseburn
Tragia urticifolia

Virginia-creeper
Parthenocissus quinquefolia

Muscadine
Vitis rotundifolia rotundifolia

Box Elder
Acer negundo

Red Maple
Acer rubrum

Painted Buckeye
Aesculus sylvatica

Winged Sumac
Rhus copallinum

Smooth Sumac
Rhus glabra

Poison Oak
Toxicodendron pubescens

Eastern Poison Ivy
Toxicodendron radicans radicans

Sanicle
Sanicula canadensis

Indian-hemp
Apocynum cannabinum

Eastern Anglepod
Gonolobus suberosus

Carolina Ponyfoot
Dichondra carolinensis

Gill-over-the-ground
Glechoma hederacea

Self-heal
Prunella vulgaris

Lyre-leaf Sage
Salvia lyrata

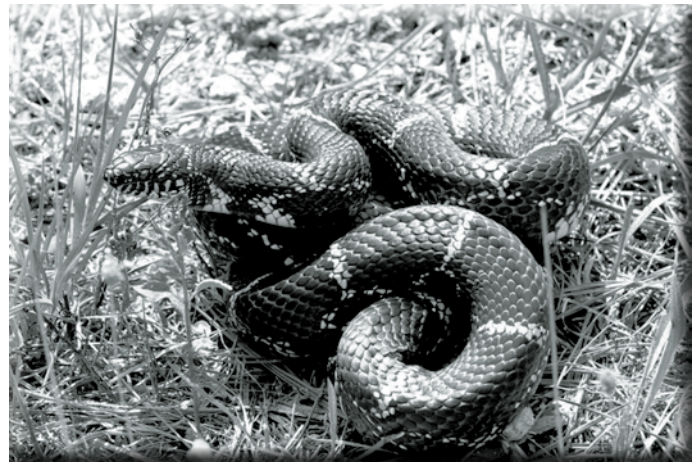
English Plantain
Plantago lanceolata

White Ash
Fraxinus americana

Carolina Wild-petunia
Ruellia caroliniensis

Cross-vine*Bignonia capreolata***Trumpet-creeper***Campsis radicans***Buttonbush***Cephalanthus occidentalis***Buttonweed***Diodia virginiana***Common Elderberry***Sambucus canadensis***Elephant's-foot***Elephantopus tomentosus***Annual Fleabane***Erigeron annuus***Spoonleaf Purple Everlasting***Gamochaeta purpurea***Rosinweed***Silphium compositum***Entoloma (mushroom)***Entoloma griseum***Bear Lentinus***Lentinellus ursinus***Pinwheel Marasmius****(Mushroom)***Marasmius rotula***Oyster Mushroom***Pleurotus ostreatus***FAUNA****Almond Millipede***Sigmodon aberrans***Rabid Wolf Spider***Rabiosa rabida***Carolina Locust***Dissosteira carolina***Spur-throated Grasshopper***Melanoplus* sp.**Katydid***Microcentrum* sp.**Chinese Mantid***Tenodera aridifolia sinensis***Phantom Crane-fly***Bittacomorpha clavipes***Prince Baskettail***Epicordulia princeps***Slaty Skimmer***Libellula incesta***Great Blue Skimmer***Libellula vibrans***Blue Dasher***Pachydiplax longipennis***Eastern Amberwing (dragonfly)***Perithemis tenera***Common Whitetail***Plathemis lydia***Ebony Jewelwing***Calopteryx maculata***Blue-fronted Dancer Damselfly***Argia apicalis***Snail-eating Ground Beetle***Sphaeroderus stenostomus**lecontei***Dingy Ground Beetle***Harpalus pensylvanicus***False Bombardier Beetle***Galerita bicolor***Whirligig Beetle***Dineutus ciliatus***Patent-leather Beetle***Odontotaenius disjunctus***Tumblebug; Dung Beetle***Canthon viridis viridis***Shining Leaf Chafer***Strigoderma arctica***Japanese Beetle***Popillia japonica***Dynastine Scarab Beetle***Cyclocephala borealis***Flat-headed Baldcypress Borer***Acmaeodera pulchella***Blind Elater***Alaus myops***Spotted Lady Beetle***Coleomegilla maculata**fuscilabris***Seven-spotted Lady Beetle***Coccinella septempunctata***Multicolored Asian Lady Beetle***Harmonia axyridis***Darkling Beetle***Platyedema* sp.**Flat-faced Longhorn Beetle***Hippopsis lemniscata***Oval Leaf Beetles***Nodonota clypealis**Nodonota tristis***Larger Elm Leaf Beetle***Monocasta coryli***Hidden Snout Weevil***Tyloderma foveolata***Pipevine Swallowtail***Battus philenor***Spring Azure (butterfly)***Celastrina ladon***American Snout (butterfly)***Libytheana carinenta***Pearl Crescent (butterfly)***Phyciodes tharos***American Lady (butterfly)***Vanessa virginiensis***Red-spotted Purple (butterfly)***Limenitis arthemis astyanax***Hackberry Emperor (butterfly)***Asterocampa celtis***Tawny Emperor (butterfly)***Asterocampa clyton***Little Wood-satyr (butterfly)***Megisto cymela***Yellow-washed Geometer Moth***Metarranthis obfirmaria***Marbled Salamander***Ambystoma opacum***Southern Toad***Anaxyrus terrestris***Gray Treefrog***Hyla chrysoscelis/ versicolor***Box Turtle***Terrapene carolina***Slider Turtle***Trachemys scripta***Green Anole***Anolis carolinensis***Eastern Fence Lizard***Sceloporus undulatus***Five-lined Skink***Eumeces fasciatus***Eastern Kingsnake***Lampropeltis getula***Brown Water Snake***Nerodia taxipilota***Wild Turkey***Meleagris gallopavo***Yellow-billed Cuckoo***Coccyzus americanus***Red-bellied Woodpecker***Melanerpes carolinus***Downy Woodpecker***Picoides pubescens***Pileated Woodpecker***Dryocopus pileatus***Eastern Wood-pewee***Contopus virens***Eastern Phoebe***Sayornis phoebe***Acadian Flycatcher***Empidonax virescens***American Crow***Corvus brachyrhynchos***Tufted Titmouse***Parus bicolor***Carolina Chickadee***Parus carolinensis***Carolina Wren***Thryothorus ludovicianus***Blue-gray Gnatcatcher***Polioptila caerulea***Wood Thrush***Hylocichla mustelina***American Robin***Turdus migratorius***Red-Eyed Vireo***Vireo olivaceus***Prothonotary Warbler***Protonotaria citrea***Northern Parula***Parula americana***Yellow-throated Warbler***Dendroica dominica***Northern Cardinal***Cardinalis cardinalis***Summer Tanager***Piranga rubra***American Goldfinch***Carduelis tristis***Eastern Mole (sign)***Scalopus aquaticus*

Brown Water Snake, *Nerodia taxipilota*, by Kim McManus.



Eastern King Snake, *Lampropeltis getula*, by Kim McManus.