

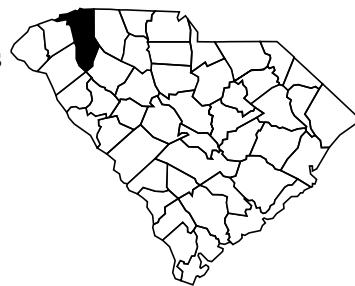
Greenville County:

A county with city and suburban habitats along with piedmont and mountain habitats provides a wide variety of areas to explore.

Sites Visited:

Ashmore Heritage Preserve
Blue Wall Preserve
Eva Russell Chandler Heritage Preserve
Jones Gap State Park

06/22/1996 & 05/23/2004
09/25/1999
05/23/2004
04/29/2001



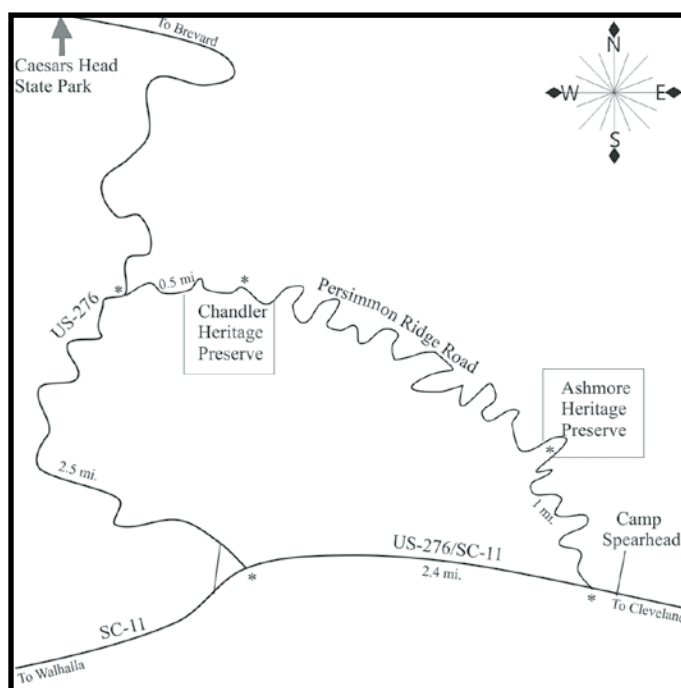
Ashmore Natural Heritage Preserve

06/22/1996 and 05/23/2004

This preserve is a part of the Mountain Bridge wilderness as is Jones Gap State Park. It was owned by the late Russell Ashmore, Sr. and was donated to the heritage preserve program by his children in his memory. It includes a natural bog plus granite outcrops and a beaver pond. This has led to an excellent location for rare plants and animals of the piedmont-mountain habitats.

Directions: Take US 276 north from Greenville through Travelers Rest (or the shortest route to SC 11). After the junction with SC 11 at Cleveland, SC, proceed west about 3.3 miles. On the right are several roads; look for Persimmon Ridge Road (unpaved). Turn right and watch for the green iron gate on the right (at least one mile).

If coming from the west on SC 11 past Table Rock State Park, Persimmon Ridge Road will be on the left about 2.4 miles after the intersection with US 276.



**Ashmore Natural
Heritage Preserve
Greenville Co., SC
June 22, 1996
May 23, 2004**

LICHENS

Graphis scripta
Bacidia laurocerasi
Brigantiaea leucoxantha
Lecidea russula
Baeomyces fungoides
Cladonia subtenuis
Cladonia bacillaris
Cladonia chlorophaea
Cladonia coniocraea
Cladonia cristatella
Cladonia cylindrica
Cladonia didyma
Cladonia polycarpoides
Cladonia uncialis
Cladonia peziziformis
Pertusaria copiosa
Pertusaria waghornei
Pertusaria texana
Pertusaria velata
Pertusaria ophthalmiza

Pertusaria multipunctoides
Lecanora albella var. *rubescens*
Lecanora pulicaris
Aspicilia lacustris
Bulbothrix goebelii
Hypotrachyna livida
Parmelina horrescens
Parmelina obsessa
Parmelina minarum
Parmotrema hypotropum
Parmotrema perforatum
Parmotrema rampoddense
Parmotrema ultralucens
Platismatia tuckermanii
Xanthoparmelia
 subramigera
Xanthoparmelia tasmanica
Flavoparmelia
 baltimorensis
Flavoparmelia caperata
Canoparmelia caroliniana
Punctelia rudecta
Rimelia reticulata
Tuckermannopsis
 aurescens
Ramalina americana
Usnea ceratina
Usnea rubicunda

Usnea strigosa
Usnea trichodea
Anaptychia palmulata
Buellia stigmata
Buellia punctata
Buellia disciformis v.
 triphragmia
Physcia millegrana
Heterodermia speciosa
Pyxine soledata
Ochrolechia africana
Ochrolechia szatalaensis

FLORA

Southern Bog Clubmoss
Lycopodiella appressa
Hay-scented Fern
Dennstaedtia punctilobula
Bracken
Pteridium aquilinum
Broad Beech Fern
Phegopteris hexagonoptera
New York Fern

Thelypteris noveboracensis
Netted Chain Fern
Woodwardia areolata
Southern Lady Fern
Athyrium asplenoides
Christmas Fern
Polystichum acrostichoides
Shortleaf Pine
Pinus echinata
Eastern White Pine
Pinus strobus
Virginia Pine
Pinus virginiana
Eastern Hemlock
Tsuga canadensis
Spikerush
Eleocharis quadrangulata
Nutrush
Scleria sp.
Giant Cane
Arundinaria gigantea
Flexible Sasa-grass
Microstegium vimineum

Eastern Needlegrass <i>Piptochaetium avenaceum</i>	Roundleaf Sundew <i>Drosera rotundifolia rotundifolia</i>	Blackgum <i>Nyssa sylvatica</i>	Mapleleaf Viburnum <i>Viburnum acerifolium</i>
Common Stargrass <i>Hypoxis hirsuta</i>	Halberd-leaf Violet <i>Viola hastata</i>	Buffalo-nut <i>Pyrularia pubera</i>	Northern Wild Raisin <i>Viburnum cassinoides</i>
Devil's-bit <i>Chamaelirium luteum</i>	Long-spurred Violet <i>Viola rostrata</i>	Hearts-a-burstin'-with-love <i>Euonymus americanus</i>	Plantain Pussytoes <i>Antennaria plantaginifolia</i>
Solomon's-seal <i>Polygonatum biflorum</i>	Walter's Violet <i>Viola walteri</i>	Mountain Holly <i>Ilex montana</i>	Pale Indian-plantain <i>Arnoglossum atriplicifolium</i>
Dwarf Crested Iris <i>Iris cristata</i>	Yellow Passionflower <i>Passiflora lutea lutea</i>	American Holly <i>Ilex opaca opaca</i>	Coreopsis <i>Coreopsis major</i>
Curlyleaf Yucca <i>Yucca filamentosa</i>	Spotted Wintergreen <i>Chimaphila maculata</i>	Eastern Flowering Spurge <i>Euphorbia corollata</i>	Daisy Fleabane <i>Erigeron sp.</i>
Bamboo-vine <i>Smilax laurifolia</i>	Trailing Arbutus <i>Epigaea repens</i>	New Jersey Tea <i>Ceanothus americanus</i>	Boneset <i>Eupatorium perfoliatum</i>
Common Wild Yam <i>Dioscorea villosa</i>	Mountain Laurel <i>Kalmia latifolia</i>	Virginia-creeper <i>Parthenocissus quinquefolia</i>	Joe-pye-weed <i>Eutrochium sp.</i>
Common Grass-pink <i>Calopogon tuberosus tuberosus</i>	Mountain Doghobble <i>Leucothoe fontanesiana</i>	Muscadine <i>Vitis rotundifolia rotundifolia</i>	Common Wild Quinine <i>Parthenium integrifolium integrifolium</i>
Downy Rattlesnake-orchid <i>Goodyera pubescens</i>	Sourwood <i>Oxydendrum arboreum</i>	Striped Maple <i>Acer pensylvanicum</i>	Rattlesnake-root <i>Prenanthes sp.</i>
Rose Pogonia <i>Pogonia ophioglossoides</i>	Flame Azalea <i>Rhododendron calendulaceum</i>	Red Maple <i>Acer rubrum</i>	White-topped Aster <i>Sericocarpus linifolius</i>
Tulip-tree <i>Liriodendron tulipifera</i>	White Rosebay <i>Rhododendron maximum</i>	Winged Sumac <i>Rhus copallinum</i>	Rosinweed <i>Silphium compositum</i>
Cucumber-tree <i>Magnolia acuminata</i>	Swamp Azalea <i>Rhododendron viscosum</i>	Smooth Sumac <i>Rhus glabra</i>	Gill Fungus <i>Amanita sp.</i>
Fraser Magnolia <i>Magnolia fraseri</i>	Sparkleberry <i>Vaccinium arboreum</i>	Poison Oak <i>Toxicodendron pubescens</i>	FAUNA
Small-flowered PawPaw <i>Asimina parviflora</i>	Hillside Blueberry <i>Vaccinium pallidum</i>	Eastern Poison Ivy <i>Toxicodendron radicans radicans</i>	Black Millipede <i>Order Polydesmida</i>
Sweet-shrub <i>Calycanthus floridus</i>	Galax <i>Galax urceolata</i>	Spikenard <i>Aralia racemosa</i>	Orange-winged Grasshopper <i>Pardalophora phoenicoptera</i>
Sassafras <i>Sassafras albidum</i>	American Persimmon <i>Diospyros virginiana</i>	Cowbane <i>Oxypolis rigidior</i>	Rock-loving Grasshopper <i>Trimerotropis saxatilis</i>
Virginia Snakeroot <i>Endodeca serpentaria</i>	Silverbell <i>Halesia tetraptera</i>	Sanicle <i>Sanicula canadensis</i>	Spur-throated Grasshopper <i>Melanoplus sp.</i>
Little Brown Jug <i>Hexastylis arifolia</i>	Horsesugar <i>Symplocos tinctoria</i>	Tall Milkweed <i>Asclepias exaltata</i>	Bird Grasshopper <i>Schistocerca sp.</i>
Windflower <i>Anemone thalictroides</i>	Whorled Loosestrife <i>Lysimachia quadrifolia</i>	Butterfly-weed <i>Asclepias tuberosa</i>	Carolina Mantis <i>Stagmomantis carolina</i>
Yellowroot <i>Xanthorrhiza simplicissima</i>	Smooth Hydrangea <i>Hydrangea arborescens</i>	Spinypod <i>Matelea sp.</i>	Stink Bug <i>Mormidea lugens</i>
Witch-hazel <i>Hamamelis virginiana</i>	Snowy Hydrangea <i>Hydrangea radiata</i>	Horse-nettle <i>Solanum carolinense carolinense</i>	Gray Petaltail (dragonfly) <i>Tachopteryx thoreyi</i>
Sweet Gum <i>Liquidambar styraciflua</i>	Virginia-willow <i>Itea virginica</i>	Phlox <i>Phlox sp.</i>	Ashy Clubtail (dragonfly) <i>Gomphus lividus</i>
Mockernut Hickory <i>Carya alba</i>	Downy Serviceberry <i>Amelanchier arborea</i>	Flatrock Pimpernel <i>Lindernia monticola</i>	Calico Pennant (dragonfly) <i>Celithemis elisa</i>
Pignut Hickory <i>Carya glabra</i>	Red Chokeberry <i>Aronia arbutifolia</i>	Fringe-tree <i>Chionanthus virginicus</i>	Banded Pennant (dragonfly) <i>Celithemis fasciata</i>
American Chestnut <i>Castanea dentata</i>	Mountain Indian-physic <i>Gillenia trifoliata</i>	White Ash <i>Fraxinus americana</i>	Little Blue Dragonlet <i>Erythrodiplax minuscula</i>
American Beech <i>Fagus grandifolia</i>	Indian-strawberry <i>Potentilla indica</i>	Eastern Indian Paintbrush <i>Castilleja coccinea</i>	Yellow-sided Skimmer <i>Libellula flavida</i>
White Oak <i>Quercus alba</i>	Black Cherry <i>Prunus serotina serotina</i>	Carolina Wild-petunia <i>Ruellia caroliniensis</i>	Common Whitetail <i>Plathemis lydia</i>
Blackjack Oak <i>Quercus marilandica marilandica</i>	Northern Dewberry <i>Rubus flagellaris</i>	Cross-vine <i>Bignonia capreolata</i>	Violet-masked Glider <i>Tramea carolina</i>
Rock Chestnut Oak <i>Quercus montana</i>	Hog-peanut <i>Amphicarpaea bracteata</i>	Trumpet-creeper <i>Campsis radicans</i>	Seepage Dancer (damselfly) <i>Argia bipunctulata</i>
Red Oak <i>Quercus rubra</i>	Eastern Redbud <i>Cercis canadensis canadensis</i>	Horned Bladderwort <i>Utricularia cornuta</i>	Violet Dancer (damselfly) <i>Argia fumipennis violacea</i>
Tag Alder <i>Alnus serrulata</i>	Roundleaf Tick-trefoil <i>Desmodium rotundifolium</i>	Lobelia <i>Lobelia nuttallii</i>	Rambur's Forktail (damselfly) <i>Ischnura ramburi</i>
Appalachian Rock-pink <i>Phemeranthus teretifolius</i>	Eastern Sensitive-briar <i>Mimosa microphylla</i>	Summer Bluet <i>Houstonia purpurea</i>	Citrine Forktail (damselfly) <i>Ischnura hastata</i>
St.-John's-wort <i>Hypericum sp.</i>	Black Locust <i>Robinia pseudoacacia</i>	Appalachian Bluet <i>Houstonia serpyllifolia</i>	Southern Sprite (damselfly) <i>Nehalennia integracollis</i>
Mountain Sweet Pitcherplant <i>Sarracenia jonesii</i>	Flowering Dogwood <i>Cornus florida</i>	Partridge-berry <i>Mitchella repens</i>	Red-bellied Tiger Beetle <i>Cicindela rufiventris rufiventris</i>

Six-spotted Tiger Beetle*Cicindela sexguttata***June Beetle***Phyllophaga* sp.**Jewel Beetle***Acmaeodera tubulus***Click Beetle***Athous rufifrons***Net-winged Beetle***Plateros* sp.**Soldier Beetle***Trypserus* sp.**Multicolored Asian Lady Beetle***Harmonia axyridis***Long-jointed Bark Beetle***Arthromacra aenea***Flower Longhorn Beetle***Brachyleptura rubrica***Short-horned Leaf Beetle***Babia quadriguttata*
*quadriguttata***Grape Flea Beetle***Altica chalybea***Spring Azure (butterfly)***Celastrina ladon***Diana Fritillary***Speyeria diana***Pearl Crescent (butterfly)***Phyciodes tharos***American Lady (butterfly)***Vanessa virginensis***Carolina Satyr (butterfly)***Hermeuptychia sosybius***Silver-spotted Skipper***Epargyreus clarus***Duskywing Skipper***Erynnis* sp.**Least Skipper***Ancyloxypha numitor***Hobomok Skipper***Poanes hobomok***Variable Antepione Moth***Antepione thisoaria***Leconte's Haploa Moth***Haploa lecontei***Black-bordered Lemon Moth***Thioptera nigrofimbria***Southern two-lined Salamander***Eurycea cirrigera***Eastern Newt***Notophthalmus viridescens***Northern Cricket Frog (call)***Acris crepitans***Bullfrog (call)***Lithobates catesbiana***Box Turtle (juvenile)***Terrapene carolina***Turkey Vulture***Cathartes aura***Broad-winged Hawk***Buteo platypterus***Red-tailed Hawk***Buteo jamaicensis***Yellow-billed Cuckoo***Coccyzus americanus***Chimney Swift***Chaetura pelagica***Pileated Woodpecker***Dryocopus pileatus***Eastern Phoebe***Sayornis phoebe***Acadian Flycatcher***Empidonax virescens***Blue Jay***Cyanocitta cristata***Tufted Titmouse***Parus bicolor***Carolina Wren***Thryothorus ludovicianus***Red-Eyed Vireo***Vireo olivaceus***Black-throated Green Warbler***Dendroica virens***Hooded Warbler***Wilsonia citrina***Worm-eating Warbler***Helminthophila vermivorus***Ovenbird***Seiurus aurocapillus***Northern Cardinal***Cardinalis cardinalis***Scarlet Tanager***Piranga olivacea*

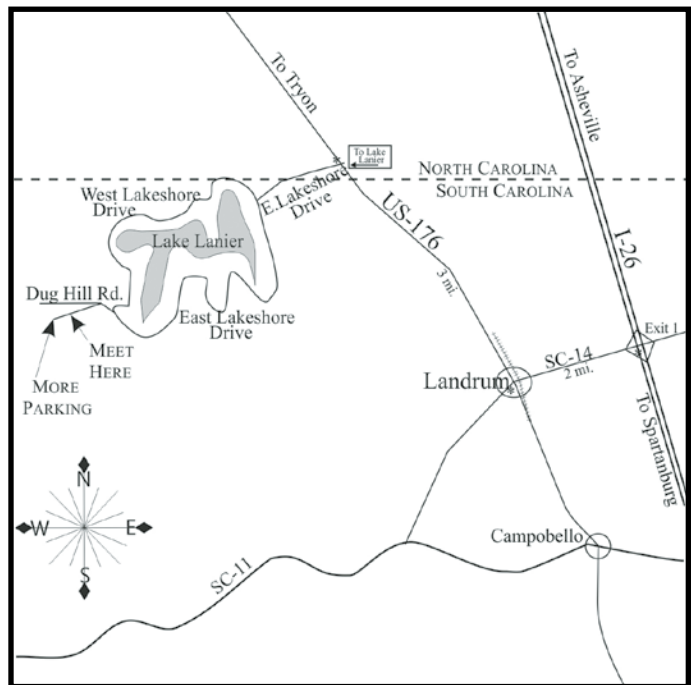
Blue Wall Heritage Preserve

09/25/1999

The Palmetto Trail goes through this property owned and managed by the Nature Conservancy and the Naturaland Trust. Explored on this day was an area that included two small lakes with resident beavers and hardwood forests little disturbed in 100 years.

Directions: Travel I-26 west to Exit 1 (Highway 14) near Landrum, SC. Proceed west on Highway 14 through Landrum until you come to the railroad tracks at the end of the main street (Rutherford Road). Turn right on Highway 176 toward Tryon, NC. Travel about 2.8 miles and turn left onto Lakeshore Drive between the BP station and Lake Lanier Country Cottage Antique Mall. Drive a short distance until you see the South Carolina state line sign. Turn right onto West Lakeshore Drive. Stay on West Lakeshore Drive for about two miles, and then turn right onto Dug Hill Road (will also see sign for Rock Springs Baptist Church). After a short distance on Dug Hill Road, you will see the sign for the Palmetto Trail Trailhead on the left, and shortly thereafter a narrow road and sign for the Blue Wall Preserve. Turn left into the preserve. The parking lot is about .2 mile on the right.

*NOTE: The preserve is approximately 2.3 miles from the BP station after you turn off Highway 176. Before you get to the BP station you will actually cross the NC state line; after you turn onto Lakeshore Drive you will again cross back into SC.



Blue Wall Heritage Preserve
Greenville Co., SC
September 25, 1999

LICHENS

Collema furfuraceum
Collema subflaccidum
Leptogium austroamericanum
Leptogium cyanescens
Pannaria tavaresii
Sticta beauvoisii
Bacidia schweinitzii

Pyrrhospora varians
Cladonia subtenuis
Cladonia chlorophaea
Cladonia coniocraea
Cladonia cristatella
Cladonia didyma
Cladonia polycarpoides
Cladonia peziziformis
Pertusaria amara
Pertusaria paratuberculifera
Pertusaria texana
Lecanora varia
Lecanora hybocarpa

Lecanora pulicaris
Lecanora caesiorubella prolifera
Lecanora caesiorubella
glaucomodes
Bulbothrix goebelii
Hypotrachyna livida
Parmotrema hypotropum
Parmotrema michauxianum
Parmotrema perforatum
Parmotrema chinense
Flavoparmelia baltimorensis
Flavoparmelia caperata
Canoparmelia caroliniana
Punctelia rudecta
Punctelia subrudecta
Rimelia reticulata
Myelochroa aurelenta
Parmelinopsis horrescens
Ramalina americana
Usnea mutabilis
Usnea strigosa
Anaptychia palmulata
Buellia curtisii
Physcia aipolia
Physcia americana
Physcia subtilis
Heterodermia albicans
Heterodermia casarettiana
Heterodermia obscurata
Pyxine caesiopruinosa
Phaeophyscia rubropulchra
Amandinea punctata
Porpidia albocaerulescens
Ochrolechia africana
Pyrenula sp.
Leproloma membranaceum
Chrysothrix candelaris

FLORA

Black Tupelo; Blackgum
Nyssa sylvatica sylvatica
Common Running-cedar
Diphasiastrum digitatum
Cut-leaf Grapefern
Sceptridium dissectum
New York Fern
Thelypteris noveboracensis
Ebony Spleenwort
Asplenium platyneuron
Christmas Fern
Polystichum acrostichoides
Pitch Pine
Pinus rigida
Virginia Pine
Pinus virginiana
Eastern Hemlock
Tsuga canadensis
Threeway Sedge
Dulichium arundinaceum
arundinaceum
Bluntscale Bulrush
Schoenoplectus purshianus
Woolgrass Bulrush
Scirpus cyperinus
Giant Cane
Arundinaria gigantea
Slender Spikegrass
Chasmanthium laxum
Rice Cutgrass
Leersia oryzoides
Warty Panic Grass
Panicum verrucosum

American Bur-reed
Sparganium americanum
Common Cattail
Typha latifolia
Indian Cucumber-root
Medeola virginiana
Solomon's-seal
Polygonatum biflorum
Iris
Iris sp.
Whiteleaf Greenbrier
Smilax glauca
Huger's Carrionflower
Smilax hugeri
Common Greenbrier
Smilax rotundifolia
Common Wild Yam
Dioscorea villosa
Downy Rattlesnake-orchid
Goodyera pubescens
Oval Ladies'-tresses
Spiranthes ovalis erostellata
Tulip-tree
Liriodendron tulipifera
Cucumber-tree
Magnolia acuminata
Fraser Magnolia
Magnolia fraseri
Small-flowered PawPaw
Asimina parviflora
Common Pawpaw
Asimina triloba
Sweet-shrub
Calycanthus floridus
Sassafras
Sassafras albidum
Virginia Snakeroot
Endodeca serpentaria
Water-shield
Brasenia schreberi
Virgin's-bower
Clematis virginiana
Yellowroot
Xanthorhiza simplicissima
Bloodroot
Sanguinaria canadensis
Sycamore
Platanus occidentalis
occidentalis
Witch-hazel
Hamamelis virginiana
Sweet Gum
Liquidambar styraciflua
Red Mulberry
Morus rubra
False-nettle
Boehmeria cylindrica
Hickory
Carya sp.
Black Walnut
Juglans nigra
American Beech
Fagus grandifolia
White Oak
Quercus alba
Southern Red Oak
Quercus falcata
Rock Chestnut Oak
Quercus montana
Red Oak
Quercus rubra
Black Oak
Quercus velutina

Tag Alder
Alnus serrulata
Sweet Birch
Betula lenta lenta
American Hornbeam
Carpinus caroliniana
American Hazelnut
Corylus americana
Common Pokeweed
Phytolacca americana
Arrowleaf Tearthumb
Persicaria sagittata
St.-John's-wort
Hypericum stragulum
Basswood
Tilia americana
Passionflower
Passiflora incarnata
Yellow Passionflower
Passiflora lutea lutea
Mountain Laurel
Kalmia latifolia
Coastal Doghobble
Leucothoe axillaris
Mountain Doghobble
Leucothoe fontanesiana
Sourwood
Oxydendrum arboreum
White Rosebay
Rhododendron maximum
Gorge Rhododendron
Rhododendron minus
Deerberry
Vaccinium stamineum
American Persimmon
Diospyros virginiana
Silverbell
Halesia tetraptera
Horsesugar
Symplocos tinctoria
Smooth Hydrangea
Hydrangea arborescens
Snowy Hydrangea
Hydrangea radiata
Virginia-willow
Itea virginica
Black Cherry
Prunus serotina serotina
Mimosa
Albizia julibrissin
Eastern Redbud
Cercis canadensis canadensis
Common Partridge-pea
Chamaecrista fasciculata
fasciculata
Common Sensitive-plant
Chamaecrista nictitans
nictitans
Eastern Sensitive-brier
Mimosa microphylla
Kudzu
Pueraria montana lobata
Black Locust
Robinia pseudoacacia
Wingstem Water-primrose
Ludwigia decurrens
Common Evening-primrose
Oenothera biennis
Silky Dogwood
Cornus amomum
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
Muscadine
Vitis rotundifolia rotundifolia
Red Maple
Acer rubrum
Silver Maple
Acer saccharinum
Smooth Sumac
Rhus glabra
Poison Oak
Toxicodendron pubescens
Eastern Poison Ivy
Toxicodendron radicans
radicans
Tree-of-Heaven
Ailanthus altissima
Spotted Touch-me-not
Impatiens capensis
Spikenard
Aralia racemosa
Hairy Angelica
Angelica venenosa
Cowbane
Oxypolis rigidior
Horse-nettle
Solanum carolinense
carolinense
Self-heal
Prunella vulgaris
Appalachian Turtlehead
Chelone lyonii
White Ash
Fraxinus americana
Chinese Privet
Ligustrum sinense
Purple-foxtail
Agalinis tenuifolia tenuifolia
Squawroot
Conopholis americana
Princess Tree
Paulownia tomentosa
Southern Harebell
Campanula divaricata
Cardinal Flower
Lobelia cardinalis
Indian-tobacco
Lobelia inflata
Lobelia
Lobelia puberula
Partridge-berry
Mitchella repens
Japanese Honeysuckle
Lonicera japonica
Mapleleaf Viburnum
Viburnum acerifolium
White Snakeroot
Ageratina altissima
Common Ragweed
Ambrosia artemisiifolia
Pale Indian-plantain
Arnoglossum atriplicifolium
Maryland Golden-aster
Chrysopsis mariana
Tall Thistle
Cirsium altissimum

Common Horsetweed
Conyza canadensis canadensis
Leafy Elephant's-foot
Elephantopus carolinianus
Fireweed
Erechtites hieraciifolius
Boneset
Eupatorium perfoliatum
Common Heart-leaved Aster
Eurybia divaricata
Hollow-stem Joe-pye-weed
Eutrochium fistulosum
Appalachian Sunflower
Helianthus atrorubens
Small-headed Sunflower
Helianthus microcephalus
Wild Lettuce
Lactuca sp.
Rattlesnake-root
Prenanthes sp.
Fragrant Rabbit-tobacco
Pseudognaphalium obtusifolium
Rosinweed
Silphium compositum
Bearsfoot
Smallanthus uvedalius
Eastern Gray Goldenrod
Solidago nemoralis nemoralis
Licorice Goldenrod
Solidago odora odora
Frost Aster
Symphotrichum pilosum pilosum
Southern Crownbeard
Verbesina occidentalis
Ironweed
Vernonia noveboracensis
Ling Chih
Ganoderma lucidum

FAUNA

Giant Forest Snail
Mesodon normalis
White-lipped Forest Snail
Mesodon thyroideus
White Micrathena (spider)
Micrathena mitrata
Writing Spider
Argiope aurantia
Marbled Orb-weaver
Araneus marmoreus
Arrowhead Spider (egg)
Verrucosa arenata
Six-spotted Fishing Spider
Dolomedes triton
Goldenrod Spider
Misumena vatia
Short-winged Green Grasshopper
Dichromorpha viridis
Band-winged Grasshopper
Chorthopaga australior
Carolina Locust
Dissosteira carolina
Spur-throated Grasshopper
Melanoplus sp.
Slender Meadow Katydid
Conocephalus fasciatus
Chinese Mantid
Tenodera aridifolia sinensis

Froghopper
Prosapia bicincta
Bald-faced Hornet (nest)
Dolichovespula maculata
Steel-blue Cricket-hunter
Chlorion aerarium
Carpenter Bee
Xylocopa sp.
Honey Bee
Apis mellifera
Widow Skimmer Dragonfly
Libellula luctuosa
Swamp Spreadwing (damselfly)
Lestes vigilax
Smoky-winged Dancer
Argia fumipennis fumipennis
Oblique-lined Tiger Beetle
Cicindela tranquebarica tranquebarica
Snail-eating Ground Beetle
Scaphinotus violaceus violaceus
Dingy Ground Beetles
Anisodactylus rusticus
Harpalus caliginosus
Harpalus pensylvanicus
Colorful Foliage Ground Beetles
Tetragonoderus intersectus
Lebia ornata
Water Scavenger Beetle
Berosus aculeatus
Patent-leather Beetle
Odontotaenius disjunctus
Earth-boring Dung Beetles
Geotrupes egeriei
Geotrupes splendidus
Dung Beetles
Onthophagus hecate hecate
Onthophagus orpheus orpheus
Scarab Beetle
Serica intermixta
Water-penny Beetle (larva)
Psephenus herricki
Click Beetles
Conoderus sp.
Megapenthes rufilabris
Soldier Beetle
Chauliognathus pennsylvanicus
Black Carpet Beetle
Attagenus unicolor
Sap Beetles
Stelidota ferruginea
Amphicrossus ciliatus
Pleasing Fungus Beetle
Triplax thoracica
Seven-spotted Lady Beetle
Coccinella septempunctata
Hairy Fungus Beetle
Litargus nebulosus
Locust Borer
Megacyllene robiniae
12-spotted Cucumber Beetle
Diabrotica undecimpunctata howardi
Pipevine Swallowtail
Battus philenor
Eastern Tiger Swallowtail
Papilio glaucus
Cloudless Sulphur
Phoebis sennae eubule
Little Yellow (butterfly)
Eurema lisa

Red-banded Hairstreak
Calycopis cecrops
Eastern Tailed-blue(butterfly)
Everes comyntas
Variegated Fritillary
Euptoieta claudia
Diana Fritillary
Speyeria diana
Great Spangled Fritillary
Speyeria cybele
Meadow Fritillary
Boloria bellona
Pearl Crescent (butterfly)
Phyciodes tharos
Common Buckeye
Junonia coenia
Red-spotted Purple (butterfly)
Limenitis arthemis astyanax
Hackberry Emperor (butterfly)
Asterocampa celtis
Gemmed Satyr (butterfly)
Cyllopsis gemma
Carolina Satyr (butterfly)
Hermeuptychia sosybius
Monarch (butterfly)
Danaus plexippus
Clouded Skipper
Lerema accius
Least Skipper
Ancyloxypha numitor
Fiery Skipper
Hylephila phyleus
Imperial Moth
Eacles imperialis
Mole Salamander
Ambystoma talpoideum
Eastern Newt
Notophthalmus viridescens
Painted Turtle
Chrysemys picta
Eastern Fence Lizard
Sceloporus undulatus
Broadhead Skink
Eumeces laticeps
Turkey Vulture
Cathartes aura
Sharp-shinned Hawk
Accipiter striatus
Red-shouldered Hawk
Buteo lineatus
Red-tailed Hawk
Buteo jamaicensis
Yellow-billed Cuckoo
Coccyzus americanus
Barred Owl
Strix varia
Eastern Screech-owl
Otus asio
Chimney Swift
Chaetura pelagica
Ruby-throated Hummingbird
Archilochus colubris
Belted Kingfisher
Ceryle alcyon
Red-bellied Woodpecker
Melanerpes carolinus
Northern Flicker
Colaptes auratus
Downy Woodpecker
Picoides pubescens
Eastern Wood-pewee
Contopus virens
Eastern Phoebe
Sayornis phoebe

Blue Jay
Cyanocitta cristata
Crow
Corvus sp.
Tufted Titmouse
Parus bicolor
Carolina Chickadee
Parus carolinensis
White-breasted Nuthatch
Sitta carolinensis
House Wren
Troglodytes aedon
Carolina Wren
Thryothorus ludovicianus
Golden-crowned Kinglet
Regulus satrapa
Wood Thrush
Hylocichla mustelina
Veery
Catharus fuscescens
Swainson's Thrush
Catharus ustulatus
Gray-cheeked Thrush
Catharus minimus
Hermit Thrush
Catharus guttatus
American Robin
Turdus migratorius
Gray Catbird
Dumetella carolinensis
Brown Thrasher
Toxostoma rufum
Yellow-throated Vireo
Vireo flavifrons
Blue-headed Vireo (nest)
Vireo solitarius
Red-Eyed Vireo
Vireo olivaceus
Tennessee Warbler
Vermivora peregrina
Chestnut-sided Warbler
Dendroica pensylvanica
Magnolia Warbler
Dendroica magnolia
Black-throated Green Warbler
Dendroica virens
Pine Warbler
Dendroica pinus
Palm Warbler
Dendroica palmarum
Hooded Warbler
Wilsonia citrina
Ovenbird
Seiurus aurocapillus
Common Yellowthroat
Geothlypis trichas
American Redstart
Setophaga ruticilla
Rose-breasted Grosbeak
Pheucticus ludovicianus
Northern Cardinal
Cardinalis cardinalis
Indigo Bunting
Passerina cyanea
Eastern Towhee
Pipilo erythrophthalmus
Scarlet Tanager
Piranga olivacea
Summer Tanager
Piranga rubra
American Goldfinch
Carduelis tristis
Beaver (gnaw mark)
Castor canadensis
White-tailed Deer (tracks)
Odocoileus virginianus

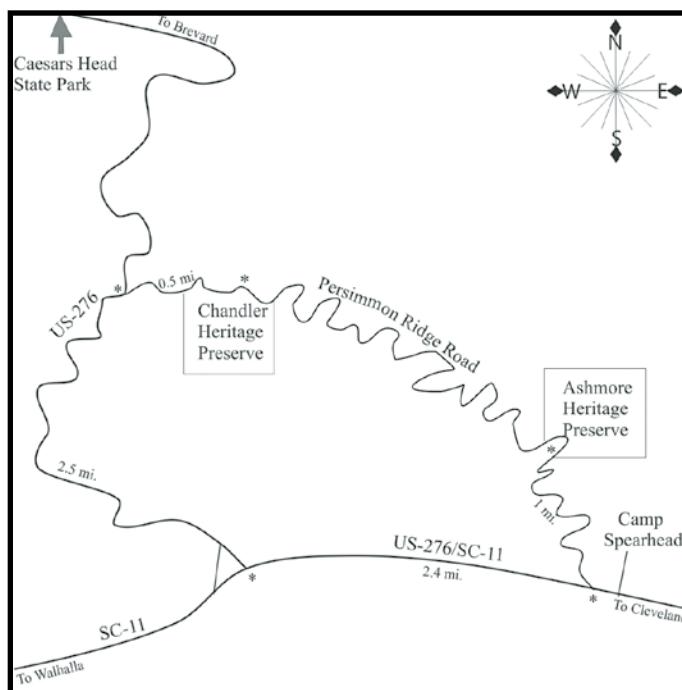
Eva Chandler Heritage Preserve

05/23/2004

Eva Russell Chandler Heritage Preserve is an open steep granite rock with a creek sliding down one side creating a cataract, and a cataract bog along the edge. This is a place for careful walking as it is very steep and very slippery where wet. It is also a place of many rare plants and fascinating, but difficult to identify, spiders. We spent a period of time watching a romantic triangle of jumping spiders, with the usual two males and a single female, who was not too interested in either guy!

Directions: Take US 276 north from Greenville through Travelers Rest (or the shortest route to SC 11). After the junction with SC 11 at Cleveland, SC, proceed west about six miles. Turn right, continuing on US 276 toward Caesars Head State Park. Drive uphill about 2.5 miles and look for an unmarked dirt road forking off to the right. Follow that road about half a mile to the entrance on the right.

If coming from the west on SC 11, US 276 is about 30 miles east of Walhalla.



**Eva Chandler
Heritage Preserve
Greenville Co., SC
May 23, 2004**

FLORA

Twisted-hair Spikemoss

Selaginella tortipila

New York Fern

Thelypteris noveboracensis

Resurrection Fern

*Pleopeltis polypodioides
michaiana*

Common Rockcap Fern

Polypodium virginianum

Virginia Pine

Pinus virginiana

Carolina Hemlock

Tsuga caroliniana

Eastern Red Cedar

Juniperus virginiana virginiana

Giant Cane

Arundinaria gigantea

Two-flower Melic

Melica mutica

Devil's-bit

Chamaelirium luteum

Solomon's-seal

Polygonatum sp.

Dwarf Iris

Iris verna

Upland Dwarf Iris

Iris verna smalliana

Common Grass-pink

*Calopogon tuberosus
tuberosus*

Rose Pogonia

Pogonia ophioglossoides

Crane-fly Orchid

Tipularia discolor

Tulip-tree

Liriodendron tulipifera

Fraser Magnolia

Magnolia fraseri

Small-flowered PawPaw

Asimina parviflora

Common Pawpaw

Asimina triloba

Sassafras

Sassafras albidum

Virginia Snakeroot

Endodeca serpentaria

Meadow-rue

Thalictrum sp.

Yellowroot

Xanthorhiza simplicissima

Witch-hazel

Hamamelis virginiana

Hickory

Carya sp.

White Oak

Quercus alba

Rock Chestnut Oak

Quercus montana

Red Oak

Quercus rubra

Tag Alder

Alnus serrulata

Prickly-pear

Opuntia humifusa

Appalachian Rock-pink

Phemeranthus teretifolius

Pineweed

Hypericum gentianoides

Mountain Sweet Pitcherplant

Sarracenia jonesii

Long-spurred Violet

Viola rostrata

Yellow Passionflower

Passiflora lutea lutea

Trailing Arbutus

Epigaea repens

Mountain Laurel

Kalmia latifolia

Smooth Azalea

Rhododendron arboreum

Sparkleberry

Vaccinium arboreum

Galax

Galax urceolata

Whorled Loosetrife

Lysimachia quadrifolia

Virginia-willow

Itea virginica

Hawthorn

Crataegus sp.

Mountain Indian-physic

Gillenla trifoliata

Cinquefoil

Potentilla sp.

Black Cherry

Prunus serotina serotina

Mimosa

Albizia julibrissin

Common Groundnut

Apios americana

Eastern Redbud

Cercis canadensis canadensis

Roundleaf Tick-trefoil

Desmodium rotundifolium

Virginia Goat's-rue

Tephrosia virginiana

Blackgum

Nyssa sylvatica

Buffalo-nut

Pyrularia pubera

Spurge

Euphorbia sp.

New Jersey Tea

Ceanothus americanus

Virginia-creeper

Parthenocissus quinquefolia

Winged Sumac

Rhus copallinum

Cowbane

Oxypolis rigidior

Tall Milkweed

Asclepias exaltata

Carolina Spinypod

Matelea carolinensis

Hairy Phlox

Phlox amoena

Flatrock Pimpernel

Lindernia monticola

Mountain-mint

Pycnanthemum incanum

Skullcap

Scutellaria sp.

Horned Bladderwort

Utricularia cornuta

Bedstraw

Galium sp.

Summer Bluet

Houstonia purpurea

Partridge-berry

Mitchella repens

Mapleleaf Viburnum
Viburnum acerifolium
Common Ragweed
Ambrosia artemisiifolia
Pussytoes
Antennaria sp.
Pale Indian-plantain
Arnoglossum
atriplicifolium
Coreopsis
Coreopsis major
Joe-pye-weed
Eutrochium sp.
Hybrid Ragwort
Packera x memmingeri
Common Wild Quinine
Parthenium
integrifolium
integrifolium

Rattlesnake-root
Prenanthes sp.
Rosinweed
Silphium sp.
Emetic Russula (Mushroom)
Russula emetica

FAUNA

Spur-throated Grasshopper
Melanoplus sp.
Shield-backed Katydid
Atlantius sp.
Witch Hazel Cone Gall (aphid)
Hormaphis hamamelidis
Mantled Baskettail (dragonfly)
Tetragoneuria semiaquea
Six-spotted Tiger Beetle
Cicindela sexguttata

One-spotted Tiger Beetle
Cicindela unipunctata
Whirligig Beetle
Dineutus sp.
Tumblebug; Dung Beetle
Canthon viridis viridis
Click Beetle
Limonium aurifer
Click Beetle
Limonium sp.
Firefly; Lightning Beetle
Lucidota atra
Soldier Beetle
Chauliognathus marginatus
Soft-winged Flower Beetle
Collops tricolor
Flower Longhorn Beetle
Strangalepta abbreviata
Eastern Tiger Swallowtail
Papilio glaucus

Azure Butterfly
Celestrina sp.
Sachem (skipper butterfly)
Atalopedes campestris
Red-tailed Hawk
Buteo jamaicensis
Pileated Woodpecker
Dryocopus pileatus
Blue Jay
Cyanocitta cristata
Red-Eyed Vireo
Vireo olivaceus
Black-throated Green Warbler
Dendroica virens
Hooded Warbler
Wilsonia citrina
Ovenbird
Seiurus aurocapillus

Jones Gap State Park

Mountain Bridge Wilderness Area

04/29/2001

On this visit the lower elevations of the park were explored. The late spring wildflowers were in bloom plus a nice selection of birds from the more montane areas of the state as this park protects a long narrow valley that links an entire side of the mountain.

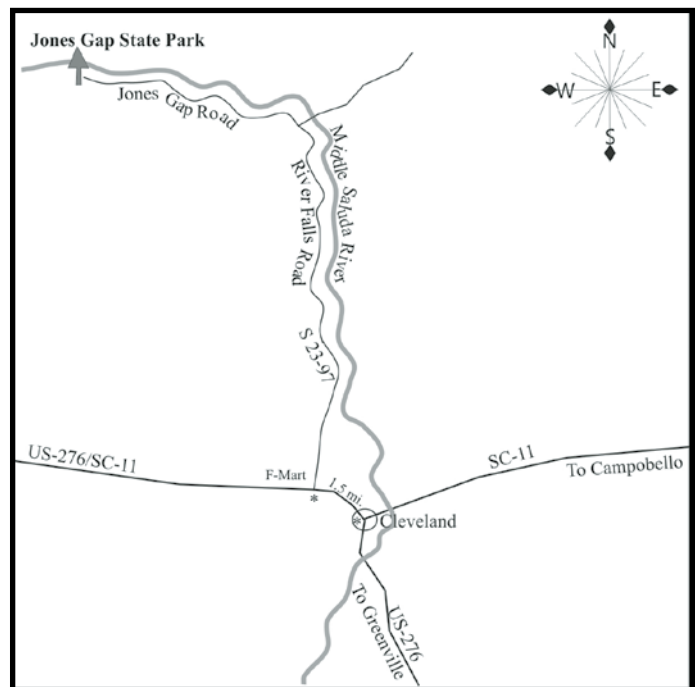
Directions: From Greenville, take US-276 north through Travelers Rest to Cleveland, where SC-11 comes in from the right. Continue on 276/11 west for 1.5 miles, and turn right by the F-Mart store onto River Falls Road. Drive straight ahead all the way to the park at the end of the road.

Jones Gap State Park
Greenville Co., SC
April 29, 2001

FLORA

Rattlesnake Fern
Botrypus virginianus
Northern Maidenhair Fern
Adiantum pedatum
Broad Beech Fern
Phegopteris hexagonoptera
New York Fern
Thelypteris noveboracensis
Southern Lady Fern
Athyrium asplenoides
Christmas Fern
Polystichum acrostichoides
Eastern White Pine
Pinus strobus
Eastern Hemlock
Tsuga canadensis
Jack-in-the-pulpit
Arisaema triphyllum
Giant Cane
Arundinaria gigantea

Indian Cucumber-root
Medeola virginiana
Yellow Mandarin
Prosartes lanuginosa
Bellwort
Uvularia puberula
Straw-lily
Uvularia sessilifolia
False Solomon's-seal
Maianthemum racemosum
racemosum
Solomon's-seal
Polygonatum biflorum
Catesby's Trillium
Trillium catesbaei
Sweet Betsy
Trillium cuneatum
Vasey Trillium
Trillium vaseyi
Dwarf Crested Iris
Iris cristata
Whiteleaf Greenbrier
Smilax glauca
Whorled Wild Yam
Dioscorea quaternata



Downy Rattlesnake-orchid
Goodyera pubescens
Crane-fly 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
Wood Anemone
Anemone quinquefolia
Windflower
Anemone thalictroides
Mountain Meadow-rue
Thalictrum clavatum
Yellowroot
Xanthorhiza simplicissima
May-apple
Podophyllum peltatum

Bloodroot
Sanguinaria canadensis
Witch-hazel
Hamamelis virginiana
Sweet Gum
Liquidambar styraciflua
Wood-nettle
Laportea canadensis
American Chestnut
Castanea dentata
American Beech
Fagus grandifolia
White Oak
Quercus alba
Rock Chestnut Oak
Quercus montana
Red Oak
Quercus rubra
Tag Alder
Alnus serrulata
Sweet Birch
Betula lenta lenta
Giant Chickweed
Stellaria pubera
Basswood
Tilia americana
Sweet White Violet
Viola blanda
Halberd-leaf Violet
Viola hastata
Long-spurred Violet
Viola rostrata
Spotted Wintergreen
Chimaphila maculata
Mountain Laurel
Kalmia latifolia
Mountain Doghobble
Leucothoe fontanesiana
Sourwood
Oxydendrum arboreum
White Rosebay
Rhododendron maximum
Gorge Rhododendron
Rhododendron minus
Galax
Galax urceolata
Silverbell
Halesia tetraptera

Snowy Hydrangea
Hydrangea radiata
Appalachian Mock-orange
Philadelphus inodorus
Foamflower
Tiarella cordifolia
Parsley-piert
Aphanes microcarpa
Eastern Goat's-beard
Aruncus dioicus dioicus
Five-fingers
Potentilla canadensis
Black Cherry
Prunus serotina serotina
Eastern Redbud
Cercis canadensis canadensis
Black Locust
Robinia pseudoacacia
Alternate-leaf Dogwood
Cornus alternifolia
Buffalo-nut
Pyrularia pubera
Hearts-a-burstin'-with-love
Euonymus americanus
American Holly
Ilex opaca opaca
Virginia-creeper
Parthenocissus quinquefolia
Summer Grape
Vitis aestivalis aestivalis
Muscadine
Vitis rotundifolia rotundifolia
Striped Maple
Acer pensylvanicum
Red Maple
Acer rubrum
Yellow Buckeye
Aesculus flava
Eastern Poison Ivy
Toxicodendron radicans radicans
Spikenard
Aralia racemosa
Snakeroot
Sanicula sp.
Blue-stars
Amsonia tabernaemontana

Green Ash
Fraxinus pennsylvanica
Squawroot
Conopholis americana
Beechdrops
Epifagus virginiana
Cancer-root
Orobancha uniflora
Eastern Lousewort
Pedicularis canadensis
Cross-vine
Bignonia capreolata
Trumpet-creeper
Campsis radicans
Appalachian Bluet
Houstonia serpyllifolia
Partridge-berry
Mitchella repens
Mapleleaf Viburnum
Viburnum acerifolium
Pale Indian-plantain
Arnoglossum atriplicifolium
Common Dandelion
Taraxacum officinale

FAUNA

Forest Disk Snail
Anguispira alternata
Orchard Spider
Leucauge venusta
Brownish-gray Fishing Spider
Dolomedes tenebrosus
Red Velvet Mite
Trombidium sp.
Stonefly
Isoperla bilineata
Witch Hazel Cone Gall (aphid)
Hormaphis hamamelidis
Dobsonfly
Corydalis cornutus
Notch-mouthed Ground Beetle
Dicaelus purpuratus
Woodland Ground Beetle
Agonum errans
June Beetle
Phyllophaga hirticula

Scarab Beetle
Serica atricapilla
Garden Scarab Beetle
Hoplia trifasciata
Darkling Beetle
Tarpeia micans
False Ant-like Flower Beetle
Pedilus sp.
Kalmia Flea Beetle
Altica kalmiae
Zebra Swallowtail
Eurytides marcellus
Eastern Tiger Swallowtail
Papilio glaucus
Red-banded Hairstreak
Calycopis cecrops
Silver-spotted Skipper
Epargyreus clarus
Southern Cloudywing
Thorybes bathyllus
Mournful Thyris Moth
Thyris sepiolchalis
White-dotted Prominent Moth
Nadata gibbosa
Witch Hazel Leaf-roller (moth)
Cacoecia rosaceana
Dusky Salamander
Desmognathus sp.
Ringneck Snake
Diadophis punctatus
Yellow-bellied Sapsucker (sign)
Sphyrapicus varius
Eastern Phoebe
Sayornis phoebe
Blue Jay
Cyanocitta cristata
Tufted Titmouse
Parus bicolor
Blue-headed Vireo
Vireo solitarius
Red-Eyed Vireo
Vireo olivaceus
Black-throated Green Warbler
Dendroica virens
Louisiana Waterthrush
Seiurus motacilla
Scarlet Tanager
Piranga olivacea



Eastern Fence Lizard, *Sceloporus undulatus*, by Gene Ott.



Spicebush, *Calycanthus floridus*, by Virginia Winn.