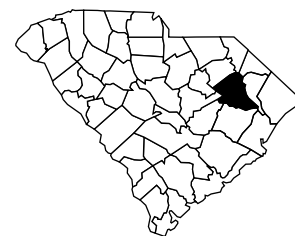


Florence County:

This county ranges in habitat from urban-suburban to very little disturbed riverine floodplain wetlands that are separated by a band of agricultural and natural resource mining areas.



Site Visited:

Eagle Point Pit & Kirby Pond

12/13/2003

Eagle Point Pit, Stokes Sand & Gravel, Inc, Florence Kirby Pond and Quarry, Timmons ville 12/13/2003

Private property. Restrcted access. No map/directions provided.

Limestone quarries spot the upper coastal plain in South Carolina. These are often rich in fossilized marine material, especially mollusks and marine aquatic animals. Kirby Pond and the adjacent quarry are rich in these specimens with most being from the Pliocene era. Since this turned out to be a very cold day, almost no living animals were found, except for a few intrepid ones. Many insects found had been frozen to death the night or two before our visit. We did get permission on the day of our visit to visit another nearby site. The list of the fossils is from both sites over several visits thanks to our member, Dr. Lyle Campbell. The list of observations of extant species is only from the Kirby Pond and Quarry site. We thank the owners of these sites for graciously allowing us to visit and collect.

Eagle Point Pit,
Florence, SC
and
Kirby Pond,
Timmons ville, SC
December 13, 2003

FLORA

Loblolly Pine
Pinus taeda
Pond-cypress
Taxodium ascendens
Yellow-eyed Grass
Xyris sp.
Rush
Juncus spp.
Umbrella Sedge
Cyperus spp.
Umbrella-grass
Fuirena sp.
Broomsedge
Andropogon glomeratus
Andropogon virginicus
Giant Cane
Arundinaria gigantea

Vasey Grass
Paspalum urvillei
American Cupscale
Sacciolepis striata
Johnson Grass
Sorghum halepense
Dropseed
Sporobolus spp.
Cattail
Typha sp.
Common Greenbrier
Smilax rotundifolia
Sweet Gum
Liquidambar styraciflua
Common Wax-myrtle
Morella cerifera
Common Pokeweed
Phytolacca americana
Knotweed
Polygonum spp.
Dock
Rumex spp.
Pineweed
Hypericum gentianoides
Pumpkin
Cucurbita pepo

Black Willow
Salix nigra
Chickasaw Plum
Prunus angustifolia angustifolia
Swamp Rose
Rosa palustris
Southern Dewberry
Rubus trivialis
Smooth Rattlebox
Crotalaria pallida obovata
Sericea
Lespedeza cuneata
Alternate-leaf Seedbox
Ludwigia alternifolia
Seedbox; Water-primose
Ludwigia spp.
Tree-of-Heaven
Ailanthus altissima
Chinaberry
Melia azedarach
Southern Carolina Crane's-bill
Geranium carolinianum carolinianum
Smooth Ground-cherry
Physalis angulata angulata
Jacquemontia
Jacquemontia tamnifolia
Brazilian Vervain
Verbena brasiliensis
Coastal Dog-fennel
Eupatorium compositifolium
Goldenrod
Solidago spp.

FAUNA

Writing Spider (case)
Argiope spp.
Wolf Spider
Lycosa spp.
Brown Winter Grasshopper
Amblytropidia mysteca
Goldenrod Ball Gall (fly)
Eurosta solidaginis

Woodland Ground Beetle
Loxandrus minor
Woolly Bear Caterpillar
Pyrrharctia isabella
Southern Leopard Frog
Lithobates sphenoccephala
Canada Goose
Branta canadensis
Killdeer
Charadrius vociferus
Turkey Vulture
Cathartes aura
Red-shouldered Hawk
Buteo lineatus
Mourning Dove
Zenaida macroura
Belted Kingfisher
Ceryle alcyon
American Crow; Common Crow
Corvus brachyrhynchos
Loggerhead Shrike
Lanius ludovicianus
Northern Mockingbird
Mimus polyglottos
Swamp Sparrow
Melospiza georgiana

FOSSILS

Boring Sponge
Cliona sp.
Colonial Coral
Septastrea marylandica
Cyclostome
Unknown genus
Top Snails
Calliostoma mitchelli
Calliostoma tuomeyi
Tegula exoluta
Turritellas
Turritella etiwanaensis
Turritella constricta
Atlantic Slipper
Crepidula fornicata
Flat Slipper
Crepidula plana
Slipper
Crucibulum scutellatum

Worm-shells

Petalconchus sculpturatus
Petalconchus sculpturatus alaminatus
Serpulorbis granifer
Serpulorbis granifer tenera

Cowrie

Siphocypraea carolinensis

Moon Snails

Natica plicatella
Euspira interna

Shark-eye Moon Snail

Neverita duplicata

Oyster-drills

Urosalpinx gardnerae
Urosalpinx lepidota

Dove Snail

Mitrella communis

Mud Snail

Ilyanassa sexdentata

Lightning Whelk

Busycon contrarium

Whelks

Busycon canaliferum
Busycon excavatum
Busycon maximum
Hesperisternia filicata

Tulip Snail

Terebraspira acuta

Olives

Oliva carolinensis
Olivella carolinae

Cymatosyrinx

Cymatosyrinx lunata

Cone Shells

Conus adversarius
Conus presozeni

Sundial

Architectonica nobilis

Nut Clam

Nuculana acuta

Arks

Anadara improcera
Anadara lienosa
Noetia trigintinaria
Glycymeris subovata

Kitten's-paw

Plicatula marginata

Oyster

Ostrea sculpturata

Scallop

Carolinapecten eboreus

Jingle Shell

Anomia simplex

Lucinas

Parvilucina crenulata
Parvilucina trisulcata
Parvilucina tuomeyi

Cardita Clam

Cyclocardia granulata

Cockles

Trachycardium oedalion
Planicardium acutillaqueatum

Astarte Clam

Astarte concentrica

Crassatella Clams

Eucrassatella virginica
Crassinella lunulata

Surf Clam

Mulinia congesta

Rangia Clam

Rangia clathrodonta

Atlantic Razor Clam

Ensis directus

Tellin

Tellina declivis

Semelid

Semele carinata

Coquina

Donax cuneola

Clams

Lirophora latilrata
Mercenaria campechiensis
per magna
Mercenaria mercenaria

Tusk Shell

Dentalium attenuatum

Tooth Shell

Cadulus floridanus

Polydori (worm) (burrows)

Unknown genus

Hermit Crab (shell)

Family Paguridae

Barnacle

Balanus sp.



(Clockwise starting bottom left.)

Swamp Sparrow, *Melospiza georgiana*, photo by Gene Ott.

Killdeer, *Charadrius vociferous*, by Kim McManus.

Belted Kingfisher, *Ceryle alcyon*, by Gene Ott.