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A LISTING OF THE FLORA AND FAUNA OF SAINT HELENA
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PENN CENTER

Keywords

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ABSTRACT

We present baseline occurrence data for at least 306 taxa of plants and animals in the vicinity of Historic Penn Center on St. Helena Island, South Carolina. It is hoped that this list will be appended by future surveyors and can serve as an aid in the conservation of species and the preservation of the natural, as well as the cultural history of the site.

INTRODUCTION

The University of South Carolina course, Natural History of the South Carolina Low Country, took place May 7-12, 2006 at the Penn Center, on Saint Helena Island, one of the South Carolina Sea Islands, located off the coast of Beaufort (Fig. 1). The area is classified as Sea Island/Coastal Marsh in the Southern Coastal Plain within the Level III and IV Ecoregions of South Carolina (Griffith et al. 2002).

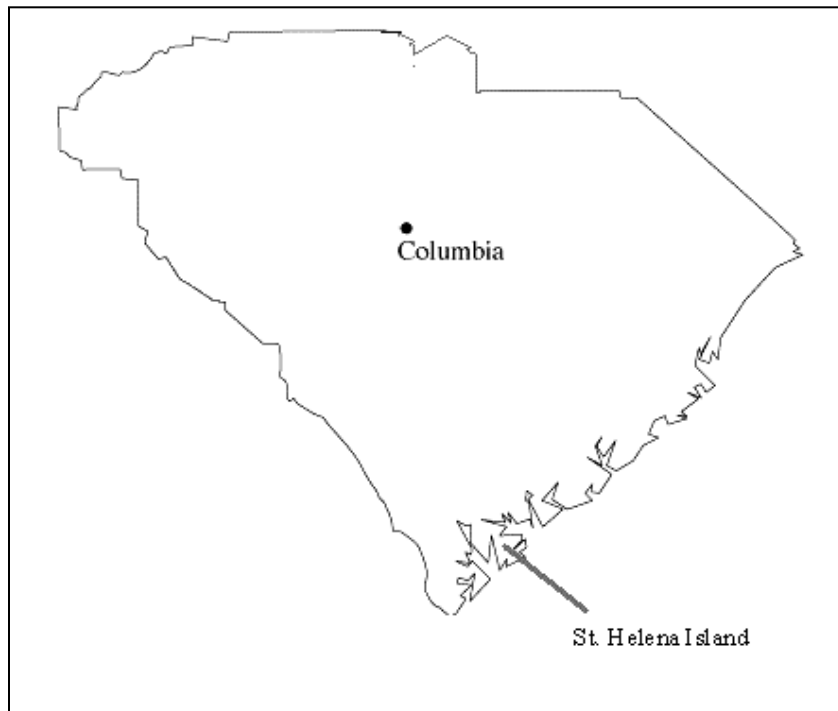


Figure 1. Location of St. Helena Island, South Carolina

The Penn Center is situated on 50 acres in the heart of Gullah country. The site is rich in natural history, but also in cultural history. From its origin in 1862 as the Penn School, it became an experimental program to educate Sea Island slaves freed at the beginning of the Civil War. During the 1960s, Dr. Martin Luther King, Jr. and members of the Southern Christian Leadership Conference chose Penn as a training site for retreat and strategic planning. The Peace Corps and the Conscientious Objector Programs used the site for training, lodging, planning and community service. In 1974 it was designated a National Historic District and includes nineteen buildings related to and used by the Penn School. As a non-profit organization, the Penn Center Incorporated is designed to promote and preserve Sea Island history and Culture. By the early 80s, it became Penn Center, an agency linked to the past and connected to the future.

Today, Penn Center fosters a vision of shared culture, preserved history and attainable world harmony. Its mission is to preserve the unique history, culture and environment of the Sea Islands through serving as a local, national and international resource center, and by acting as a catalyst for the development of programs for self-sufficiency. Because it represents a historical preserve, it is important to identify the flora and fauna of the site so that they, too, can be preserved and interpreted to visitors. The listing that follows represents a first attempt to conduct a comprehensive survey, and it is hoped that new species will be recognized and added to this baseline.

METHODS

From May 7-12, 2006 the participants in the ENVR 700 course, “The Natural History of the South Carolina Lowcountry” from the University of South Carolina School of the Environment surveyed the area around Penn Center near Beaufort, South Carolina. Each day we walked around the grounds at Penn Center and the immediate vicinity; we also explored coastal areas of St. Helena Island. We surveyed and recorded most plants and fungi and all animals that we observed. Habitats included disturbed, roadside, oldfield, freshwater pond, maritime forest, coastal marsh, dune, intertidal zone. Most surveys were in the morning (0900 to 1200) and afternoon (1300 to 1700) hours. However, we also conducted surveys during two evenings (1900-2100). We logged over 550 person-hours in the field. Taxonomic nomenclature follows the Integrated Taxonomic Information System (ITIS), accessible online at (<http://www.itis.usda.gov>).

Species List

KINGDOM FUNGI

Division Basidiomycota

Class Basidiomycetes

Order	Family	Genus	species	Common Name
Agaricales	Amanitaceae	<i>Amanita</i>	<i>phalloides</i>	Deathcap
	Lycoperdaceae	<i>Lycoperdon</i>	sp	Puff Ball
	Plutaceae	<i>Pluteus</i>	<i>nanus</i>	Deer Mushroom
Boletales	Gyroporaceae	<i>Gyroporus</i>	<i>castaneus</i>	Chestnut Bolete
	Sclerodermataceae	<i>Astraeus</i>	<i>hygrometricus</i>	Water-measure Earthstar
Polyporales	Ganodermataceae	<i>Ganoderma</i>	<i>applanatum</i>	Artists Fungus
	Polyporaceae	<i>Laetiporus</i>	<i>sulphureus</i>	Sulphur Shelf
		<i>Polyporus</i>	sp.	Shelf Fungus

Russulales	Russulaceae	<i>Polyporus</i>	<i>versicolor</i>	Turkey Tail
		<i>Russula</i>	<i>fragilis</i>	Brittle Gill, Fragile
		<i>Russula</i>	<i>variata</i>	Brittle Gill, Green
		<i>Russula</i>	<i>emetica</i>	Sickener

Division Ascomycota

Class Sordariomycetes

Order	Family	Genus	species	Common Name
Xylariales	Xylariaceae	<i>Daldinia</i>	<i>concentrica</i>	Carbonball Mushroom

KINGDOM PLANTAE

Division Bryophyta

Class	Order	Family	Genus	species	Common Name
Sphagnopsida	Sphagnales	Sphagnaceae	<i>Sphagnum</i>	<i>palustre</i>	Moss, Sphagnum
Bryopsida	Polytrichales	Polytrichaceae	<i>Polytrichum</i>	sp.	Moss, Haircap

Division Pteridophyta

Class Filicopsida

Order Polypodiales

Family	Genus	species	Common Name
Aspleniaceae	<i>Asplenium</i>	<i>platyneuron</i>	Spleenwort, Ebony
Blechnaceae	<i>Woodwardia</i>	<i>virginica</i>	Virginia Chainfern
	<i>Woodwardia</i>	<i>areolata</i>	Netted chainfern
Dryopteridaceae	<i>Polystichum</i>	<i>acrosticoides</i>	Fern, Christmas
Osmundacea	<i>Osmunda</i>	<i>cinnamomea</i>	Fern, Cinnamon
	<i>Osmunda</i>	<i>regalis</i>	Fern, Royal
Polypodiaceae	<i>Pleopeltis</i>	<i>polyploides</i>	Fern, Resurrection

Division Magnoliophyta

Class Liliopsida

Order	Family	Genus	species	Common Name		
Arales	Lemnaceae	<i>Lemna</i>	spp.	Duck Weed		
Arecales	Arecaceae	<i>Sabal</i>	<i>palmetto</i>	Palm, Cabbage		
		<i>Sabal</i>	<i>minor</i>	Palmetto, Dwarf		
		<i>Serenoa</i>	<i>repens</i>	Saw Palmetto		
		<i>Tillandsia</i>	<i>usneoides</i>	Spanish Moss		
		<i>Tradescantia</i>	sp.	Spiderwort		
Cyperales	Cyperaceae	<i>Carex</i>	spp.	Sedge, White Bracketed		
		Poaceae	<i>Andropogon</i>	<i>virginicus</i>	Sedge, Broom	
	<i>Dichanthelium</i>		<i>commutatum</i>	Variable Panicgrass		
	<i>Poa</i>		<i>annua</i>	Annual bluegrass		
	<i>Spartina</i>		<i>alterniflora</i>	Atlantic Cordgrass		
	<i>Spartina</i>		<i>patens</i>	Saltmeadow Cordgrass		
	<i>Dioscorea</i>		<i>villosa</i>	Wild Yam		
	Dioscoreaceae		Liliidae	<i>Juncus</i>	<i>roemerianus</i>	Rush, Black Needle
				<i>Yucca</i>	sp.	Yucca
	Juncuales	Juncaceae	<i>Sisyrinchium</i>	spp.	Blue-eyed Grass	
<i>Smilax</i>			spp.	Greenbriar		
Orchidales	Orchidaceae	<i>Spiranthes</i>	<i>vernalis</i>	Spring Ladies'-Tresses		
Scrophulariales	Lentibulariaceae	<i>Utricularia</i>	<i>gibba</i>	Bladderwort		
Typhales	Typhaceae	<i>Typha</i>	<i>latifolia</i>	Cattail		

Class Magnoliopsida

Order	Family	Genus	species	Common Name		
Apiales	Apiaceae	<i>Centella</i>	<i>asiatica</i>	Spadeleaf		
		<i>Hydrocotyle</i>	spp.	Pennywort		
		<i>Ptilimnium</i>	<i>capillaceum</i>	Herbwilliam		
		<i>Aralia</i>	<i>spinosa</i>	Devil's Walking Stick		
Asterales	Asteraceae	<i>Ambrosia</i>	<i>artemisiifolia</i>	Rag Weed		
		<i>Baccharis</i>	sp.	Groundsel		
		<i>Borrchia</i>	<i>frutescens</i>	Bushy Seaoxeye		
		<i>Cirsium</i>	sp.	Thistle		
		<i>Elephantopus</i>	sp.	Elephantsfoot		
		<i>Erigeron</i>	<i>strigosus</i>	Flea Bane, Daisy		
		<i>Eupatorium</i>	sp.	Dogfennel		
		<i>Gamochaeta</i>	<i>purpurea</i>	Cudweed		
		<i>Mikania</i>	<i>scandens</i>	Climbing Hempweed		
		<i>Solidago</i>	spp.	Goldenrod		
		<i>Symphotrichnum</i>	<i>tenuifolium</i>	Aster, Perrenial Saltmarsh		
		<i>Taraxacum</i>	<i>officinale</i>	Dandelion		
		Campanulales	Campanulaceae	<i>Lobelia</i>	<i>puberula</i>	Lobelia, Blue
				<i>Triodanis</i>	<i>perfoliata</i>	claspng Venus' Looking-Glass
Capparales	Dilleniidae	<i>Cakile</i>	<i>edentula</i>	American Searocket		
Caryophyllales	Cactaceae	<i>Opuntia</i>	<i>humifusa</i>	Pricklypear		
	Chenopodiaceae	<i>Chenopodium</i>	<i>album</i>	Lamb's-Quarters		
		<i>Chenopodium</i>	<i>ambrosioides</i>	Mexican Tea		
	Phytolaccaceae	<i>Phytolacca</i>	<i>americana</i>	Pokeweed		
Celastrales	Aquifoliaceae	<i>Ilex</i>	<i>opaca</i>	Holly, American		
		<i>Ilex</i>	<i>vomitorea</i>	Holly, Yaupon		
		<i>Ilex</i>	<i>glabera</i>	Inkberry		
Cornales	Cornaceae	<i>Cornus</i>	<i>florida</i>	Dogwood, Flowering		
		<i>Cornus</i>	<i>foemina</i>	Dogwood, Swamp		
	Nyssaceae	<i>Nyssa</i>	<i>sylvatica</i>	Gum, Black		
		<i>Nyssa</i>	<i>biflora</i>	Tupelo, Swamp		
Dipsacales	Caprifoliaceae	<i>Lonicera</i>	<i>japonica</i>	Honeysuckle, Japanese		
		<i>Lonicera</i>	<i>sempervirens</i>	Honeysuckle, Trumpet		
		<i>Sambucus</i>	<i>nigra</i>	American elder		
Ebenales	Ebenacea	<i>Diospyros</i>	<i>virginiana</i>	Persimmon		
	Symplocaceae	<i>Simplocus</i>	<i>tinctoria</i>	Sweetleaf		
Ericales	Clethraceae	<i>Clethra</i>	<i>alnifolia</i>	Pepper Bush		
	Ericaceae	<i>Lyonia</i>	<i>lucida</i>	Fetterbush		
		<i>Rhododendron</i>	sp.	Azalea		
		<i>Vaccinium</i>	<i>arboreum</i>	Sparkleberry		
Euphorbiales	Euphorbiaceae	<i>Cnidoscopus</i>	sp.	Horsenettle		
		<i>Croton</i>	sp.	Beach Croton		
		<i>Euphorbia</i>	<i>heterophylla</i>	Painted Euphorbia		
		<i>Trideca</i>	<i>sebiferum</i>	Popcorn Tree		
		<i>Albizia</i>	<i>julibrissin</i>	Mimosa		
Fabales	Fabaceae	<i>Erythrina</i>	<i>herbacea</i>	Eastern Coralbean		
		<i>Melilotus</i>	<i>alba</i>	White Sweetclover		
		<i>Pueraria</i>	<i>montana</i>	Kudzu		
		<i>Lespedeza</i>	<i>cuneata</i>	Lespedeza		

		<i>Vicia</i>	sp.	Vetch
		<i>Trifolium</i>	<i>incarnatum</i>	Crimson Clover
		<i>Wisteria</i>	<i>sinensis</i>	Wisteria, Chinese
	Fagaceae	<i>Castanea</i>	<i>pumila</i>	Chinquapin/Catalpa
		<i>Quercus</i>	<i>laurifolia</i>	Oak, Laurel
		<i>Quercus</i>	<i>virginiana</i>	Oak, Live
		<i>Quercus</i>	<i>falcata</i>	Oak, Southern Red
		<i>Quercus</i>	<i>nigra</i>	Oak, Water
		<i>Quercus</i>	<i>phellos</i>	Oak, Willow
Gentianales	Asclepiadaceae	<i>Matelea</i>	<i>flavidula</i>	Yellow Carolina milkvine
	Loganiaceae	<i>Gelsemium</i>	<i>sempervirens</i>	Yellow Jessamine
	Geraniaceae	<i>Geranium</i>	<i>carolinianum</i>	Carolina Cranes-bill
	Oxalidaceae	<i>Oxalis</i>	<i>corniculata</i>	Oxalis
Haloragales	Haloragaceae	<i>Myriophyllum</i>	<i>pinnatum</i>	Cutleaf Watermilfoil
		<i>Proserpinaca</i>	<i>palustris</i>	Marsh Mermaid Weed
Hamamelidales	Hamamelidaceae	<i>Liquidambar</i>	<i>styraciflua</i>	Sweetgum
	Plantanaceae	<i>Platanus</i>	<i>occidentalis</i>	Sycamore, American
Juglandales	Juglandaceae	<i>Carya</i>	spp.	Hickory
		<i>Carya</i>	<i>illinoensis</i>	Pecan Tree
		<i>Juglans</i>	<i>nigra</i>	Walnut, Black
Lamiales	Lamiaceae	<i>Salvia</i>	<i>lyrata</i>	Sage, Lyreleaf
		<i>Scutellaria</i>	<i>integrifolia</i>	Skull Cap/Helmet flower
		<i>Stachys</i>	<i>floridana</i>	Florida Betony
	Verbenaceae	<i>Callicarpa</i>	<i>americana</i>	American beautyberry
		<i>Lantana</i>	sp.	Lantana
		<i>Phyla</i>	<i>nodiflora</i>	Frog Fruit
	Lauraceae	<i>Persea</i>	<i>borbonia</i>	Redbay
		<i>Sassafras</i>	<i>albidum</i>	Sassafras
	Iridaceae	<i>Iris</i>	<i>virginica</i>	Southern Blue Flag
	Liliaceae	<i>Allium</i>	sp.	Onion, Wild
Magnoliales	Magnoliaceae	<i>Magnolia</i>	<i>grandiflora</i>	Magnolia, Southern
Myricales	Myricaceae	<i>Morella</i>	<i>cerifera</i>	Wax Myrtle
Myrtales	Lythraceae	<i>Lagerstroemia</i>	<i>indica</i>	Crapemyrtle
	Melostomataceae	<i>Rhexia</i>	<i>virginica</i>	Common Meadowbeauty
	Onagraceae	<i>Ludwigia</i>	<i>alterniflora</i>	Seedbox
		<i>Oenothera</i>	sp.	Primrose, Evening
Piperales	Saururaceae	<i>Saururus</i>	<i>cernuus</i>	Lizards Tail
Polygalales	Polygalaceae	<i>Polygala</i>	<i>lutea</i>	Orange Milkwort
		<i>Rumex</i>	<i>acetosella</i>	Sheep Sorrel
		<i>Polygonum</i>	<i>hydropiperoides</i>	Swamp smartweed
Renunculales	Menispermaceae	<i>Cocculus</i>	<i>carolinus</i>	Carolina Coralbead
Rhamnales	Elaeagnaceae	<i>Elaeagnus</i>	<i>angustifolia</i>	Russian Olive
	Vitaceae	<i>Ampelopsis</i>	<i>arborea</i>	Pepper vine
		<i>Parthenocissus</i>	<i>quinquefolia</i>	Virginia Creeper
		<i>Vitis</i>	sp.	Grape, Fox
		<i>Vitis</i>	<i>rotundifolia</i>	Muscadine
Rosales	Groosulariaceae	<i>Itea</i>	sp.	Sweetspire/Virginia willow
	Hydrangeaceae	<i>Decumaria</i>	<i>barbara</i>	Climbing Hydrangia
	Rosaceae	<i>Prunus</i>	<i>serotina</i>	Cherry, Black
		<i>Prunus</i>	<i>caroliniana</i>	Carolina laurel cherry

		<i>Prunus</i>	<i>americana</i>	Plum, Wild
		<i>Rubus</i>	spp.	Blackberry/Dewberry
Rubiales	Rubiaceae	<i>Cephalanthus</i>	<i>occidentalis</i>	Buttonbush
Salicales	Salicaceae	<i>Salix</i>	<i>nigra</i>	Willow, Black
Sapindales	Aceraceae	<i>Acer</i>	<i>rubrum</i>	Maple, Red
	Anacardiaceae	<i>Toxicodendron</i>	<i>radicans</i>	Poison Ivy
		<i>Rhus</i>	<i>copallina</i>	Sumac, Dwarf
	Hippocastanaceae	<i>Aesculus</i>	<i>pavia</i>	Buckeye, Red
	Rutaceae	<i>Zanthoxylum</i>	<i>clava-herculis</i>	Prickly Ash
Scrophulariales	Bignoniaceae	<i>Bignonia</i>	<i>capreolata</i>	Cross Vine
		<i>Campsis</i>	<i>radicans</i>	Trumpet Creeper
	Oleaceae	<i>Ligustrum</i>	<i>sinense</i>	Privet, Chinese
	Scrophulariaceae	<i>Bacopa</i>	<i>caroliniana</i>	Blue Waterhyssop
		<i>Verbascum</i>	<i>blatteria</i>	Mullein, Moth
Solanales	Cuscutaceae	<i>Cuscuta</i>	<i>gronovii</i>	Dodder/Scaldweed
Theales	Clusiaceae	<i>Hypericum</i>	sp.	Saint Johnswort
Urticales	Moraceae	<i>Broussonetia</i>	<i>papyrifera</i>	Mulberry, Paper
		<i>Morus</i>	<i>rubra</i>	Mulberry, Red
		<i>Morus</i>	<i>alba</i>	Mulberry, White
	Ulmaceae	<i>Celtis</i>	<i>oxydentalis</i>	Hackberry
Violales	Passifloraceae	<i>Passiflora</i>	<i>incarnata</i>	Purple passionflower
		<i>Passiflora</i>	<i>lutea</i>	Yellow passionflower
	Violaceae	<i>Viola</i>	sp.	Violet

Division Coniferophyta

Class Pinopsida

Order Pinales

Family	Genus	species	Common Name
Cupressaceae	<i>Juniperus</i>	<i>virginiana</i>	Eastern Redcedar
Pinaceae	<i>Pinus</i>	<i>taeda</i>	Pine, Loblolly
Pinaceae	<i>Pinus</i>	<i>palustris</i>	Pine, Longleaf
Pinaceae	<i>Pinus</i>	<i>elliottii</i>	Pine, Slash

Kingdom Animalia

Phylum Porifera

Class Demospongiae

Order	Family	Genus	species	Common Name
Hadromerida	Clionidae	<i>Cliona</i>	<i>celata</i>	Boring Sponge
Haplosclerida	Chalindae	<i>Haliclona</i>	<i>oculata</i>	Deadman's Fingers Sponge

Phylum Cnidaria

Class Anthozoa

Order	Family	Genus	species	Common Name
indet.	indet.	indet.	indet.	Sea Anenome
Gorgonaceae	Gorgoniidae	<i>Leptogorgia</i>	<i>virgulata</i>	Sea Whip
Scleractinia	Faviidae	<i>Favia</i>	<i>fragnum</i>	Golfball coral

Phylum Platyhelminthes

Class Turbellaria

Order	Family	Genus	species	Common Name
Tricladida	Bdellouridae	<i>Bdelloura</i>	<i>candida</i>	Horseshoe Crab Flatworm

Phylum Annelida

Class	Order	Family	Genus	species	Common Name
Clitellata	Haplotaxida	Lumbricidae	<i>Lumbricus</i>	sp.	Earthworm
Polychaeta	Aciculata	Glyceridae	<i>Glycera</i>	<i>americana</i>	
		Onuphidae	<i>Diopatra</i>	<i>cuprea</i>	tube worm
		subclass Scolecida	Capitellidae	<i>Heteromastus</i>	<i>filiformis</i>

Phylum Mollusca

Class Bivalvia

Order	Family	Genus	species	Common Name
Arcoida	Arcidae	<i>Anadara</i>	<i>brasiliiana</i>	Ark, Incongruous
Mytiloida	Mytilidae	<i>Geukensia</i>	<i>demissa</i>	Ribbed mussel
Ostreoida	Anomiidae	<i>Anomia</i>	<i>simplex</i>	Jingle, Common
	Ostreidae	<i>Crassostrea</i>	<i>virginica</i>	Oyster, Eastern
Pterioida	Pinnidae	<i>Ostrea</i>	<i>equestrus</i>	Oyster, Crested
		<i>Atrina</i>	<i>serrata</i>	Penshell, Sawtooth
		<i>Pinna</i>	<i>carnea</i>	Penshell, Amber
Veneroida	Cardiidae	<i>Dinocardium</i>	<i>robustum</i>	Cockle, Atlantic Giant
	Donacidae	<i>Donax</i>	<i>variabilis</i>	Coquina, Variable
	Lucinidae	<i>Divaricella</i>	<i>quadrisulcata</i>	Lucine, Cross-hatched
	Mactridae	<i>Raeta</i>	<i>plicatella</i>	Duckclam, Channeled
	Petricolidae	<i>Petricolaria</i>	<i>pholadiformis</i>	Angelwing, False
	Pharidae	<i>Ensis</i>	<i>directus</i>	Clam, Atlantic Jackknife
Veneridae	<i>Mercenaria</i>	<i>mercenaria</i>	Northern Quahog	

Class Gastropoda

Order	Family	Genus	species	Common Name
Neogastropoda	Fascioliariidae	<i>Fasciolaria</i>	<i>hunteria</i>	Tulip
	Melongenidae	<i>Busycon</i>	<i>contrarium</i>	Whelk (NCN)
		<i>Busycon</i>	<i>carica</i>	Whelk, Knobbed
		<i>Busycotypus</i>	<i>canaliculatus</i>	Whelk, Channeled
	Muricidae	<i>Eupleura</i>	<i>caudata</i>	Oyster Drill, Thick-lipped
	Olividae	<i>Oliva</i>	<i>sayana</i>	Olive, Lettered
	Terebridae	<i>Terebra</i>	<i>dislocata</i>	Auger, Eastern
	Calyptraeidae	<i>Crepidula</i>	<i>fornicata</i>	Common Atlantic Slippersnail
	Littorinidae	<i>Littorina</i>	<i>irrorata</i>	Periwinkle, Marsh
		<i>Littorina</i>	<i>littoralis</i>	Periwinkle, Common
	Nassariidae	<i>Ilyanassa</i>	<i>obsoletus</i>	Mudsnail, Eastern
	Naticidae	<i>Polinices</i>	<i>duplicatus</i>	Moon snail
		<i>Sinum</i>	<i>perspectivum</i>	White Baby Ear
Stylommatophora	Spiraxidae	<i>Euglandina</i>	<i>rosea</i>	Rosy Wolfsnail

Phylum Arthropoda

Class Arachnida

Order	Family	Genus	species	Common Name	
Acari	indet.	indet.	indet.	Mites	
	Ixodidae	<i>Ixodes</i>	<i>scapularis</i>	Tick, Deer	
Araneae		<i>Dermacentor</i>	<i>andersoni</i>	Tick, Wood	
	Agelinidae	<i>Agelenopsis</i>	<i>naevia</i>	Funnel Web Weaver	
	Amaurobiidae	<i>Dolomedes</i>	spp.	Spider, Fishing	
	Lycosidae		<i>Schizocosa</i>	<i>crassipes</i>	Spider, Brush Legged
			<i>Rabidosa</i>	<i>punctulata</i>	Spider, Dotted Wolf
			<i>Rabidosa</i>	<i>rabida</i>	Spider, Rabid Wolf
	Lynphiidae	<i>Frontinella</i>	<i>pyramitela</i>	Spider, Bowl and Doily	
		<i>Neriere</i>	<i>radiata</i>	Spider, Filmy Dome	
	Pisauridae	<i>Pisaurina</i>	<i>undulata</i>	Spider, Nurseryweb	
	Tetragnathidae	<i>Leucauge</i>	<i>venusta</i>	Spider, Orchid	
Theridiidae	<i>Latrodectus</i>	<i>geometricus</i>	Brown Widow		
Opiliones	Phalangiidae	indet.	indet.	Daddy Longlegs	
	indet.	indet.	indet.	Centipede	
Spirobolida	Spirobolidae	<i>Narceus</i>	<i>americanus</i>	Millipede, Giant	

Class Crustacea

Order	Family	Genus	species	Common Name
Calanoida	Acartiidae	<i>Acartia</i>	spp.	Copepods
Decapoda	Mennipidae	<i>Menippe</i>	<i>mercenaria</i>	Stone Crab
	Ocypodidae	<i>Uca</i>	<i>pugnax</i>	Fiddler Crab
	Panaeidae	<i>Penaeus</i>	sp.	Shrimp
	Partunidae	<i>Callinectes</i>	<i>sapidus</i>	Blue Crab
Isopoda	Ligiidae	<i>Ligia</i>	spp.	Sea Cockroach
	Limnoriidae	<i>Limnoria</i>	sp.	Wood-eating isopod
Stomatopoda	Squillidae	<i>Squilla</i>	<i>impusa</i>	Mantis Shrimp
Thoracica	Balanidae	<i>Balanus</i>	spp.	Barnacles
		<i>Chelonibia</i>	<i>patula</i>	Horseshoe Crab Barnacle
Xiphosura	Limulidae	<i>Limulus</i>	<i>polyphemus</i>	Horseshoe Crab

Class Insecta

Order	Family	Genus	species	Common Name
Coleoptera	Cantharidae	indet.	indet.	Beetle, Leatherwing
	Chrysomelidae	<i>Calligrapha</i>	<i>philidelphica</i>	Beetle, Calligrapha
	Coccinellidae	indet.	indet.	Ladybug
	Curculionidae	indet.	indet.	Beetle, Ambrosia
	Lampyridae	indet.	indet.	Lightning Bugs
	Lycidae	<i>Calopteron</i>	<i>reticulatum</i>	Beetle, Banded Net-Wing
	Passalidae	<i>Odontotaenium</i>	<i>disjunctus</i>	Beetle, Bess
	Silphidae	<i>Silpha</i>	<i>americana</i>	Carrion Beetle
Dictyoptera	Blattidae	<i>Periplaneta</i>	<i>americana</i>	Palmetto Bug
Diptera	Asilidae	<i>Tolmerus</i>	spp.	Robber Fly
	Culicidae	<i>Aedes</i>	<i>aegypti</i>	Mosquito, Yellow Fever
	Syrphidae	<i>Toxomerus</i>	sp.	Syrphid fly

	Tananidae	<i>Crysops</i>	sp.	Deer fly
	Tipulidae	<i>Tipula</i>	sp.	Crane Fly
Hemiptera	Cercopidae	<i>Philaenus</i>	sp.	Spittle Bug
	Notonectidae	<i>Notonecta</i>	sp.	Backswimmer
	Reduviidae	<i>Arilus</i>	<i>cristatus</i>	Wheel (assassin) Bug
	Scutellaridae	<i>Eurygaster</i>	<i>alternata</i>	Stink Bug
Homoptera	Cicadidae	<i>Tibicen</i>	sp.	Cicada
Hymenoptera	Apidae	<i>Bombus</i>	<i>pennsylvanicus</i>	Bumble Bee
	Braconidae	<i>Apanteles</i>	sp.	Wasp, Braconid
	Formicidae	<i>Camponotus</i>	<i>pennsylvanicus</i>	Ant, Black Carpenter
		<i>Camponotus</i>	<i>ferrugineus</i>	Ant, Red Carpenter
		<i>Pogonomyrmax</i>	spp.	Ant, Harvester
		<i>Solenopsis</i>	<i>geminata</i>	Fire Ants
	Melittidae	indet.	indet.	Leaf-cutter bee
	Siricidae	<i>Tremex</i>	<i>columba</i>	Sawfly
	Sphecidae	<i>Trypoxylon</i>	sp.	Organ Pipe Wasp
	Vespidae	<i>Eumenes</i>	<i>fraternus</i>	Potter Wasp
		<i>Polistes</i>	spp.	Paper Wasp
Isoptera	Rhinotermitidae	<i>Reticulitermes</i>	sp.	Termite
Lepidoptera	Arctiidae	<i>Arctia</i>	<i>caja</i>	Tiger Moth
		<i>Ctenucha</i>	<i>virginica</i>	Moth, Ctenucha
		<i>Estigmene</i>	<i>acrea</i>	Yellow Woolly Bear
		<i>Hyphantria</i>	<i>cunea</i>	Web worm
	Cossidae	<i>Hypercombe</i>	<i>scribona</i>	Moth, Great Leopard
	Lasiocampidae	<i>Malacosoma</i>	<i>americanum</i>	Eastern Tent Caterpillar
	Lymantriidae	<i>Dasychira</i>	<i>manto</i>	Manto Tussock Moth
	e	<i>Dasychira</i>	<i>tephra</i>	Tephra Tussock Moth
	Noctuidae	<i>Pseudaletia</i>	<i>unipuncta</i>	Armyworm
	Notodontidae	<i>Heterocampa</i>	<i>guttivitta</i>	Saddled Prominent Moth
	Nymphalidae	<i>Asterocampa</i>	<i>celtis</i>	Hackberry Emperor
		<i>Danaus</i>	<i>plexipus</i>	Monarch Butterfly
		<i>Euptoietia</i>	<i>claudia</i>	Verigated Fritillary
		<i>Hermeuptychia</i>	<i>sosybius</i>	Carolina Satyr
		indet.	indet.	Anglewing
		<i>Junonia</i>	<i>coenia</i>	Butterfly, Buckeye
		<i>Limenitis</i>	<i>archippus</i>	Viceroy
		<i>Vanessa</i>	<i>viginiensis</i>	American Painted Lady
		<i>Vanessa</i>	<i>atalanta</i>	Red Admiral
	Papilionidae	<i>Papilio</i>	<i>polyxenes</i>	Black Swallowtail
		<i>Papilio</i>	<i>palamedes</i>	Palamedes Swallowtail
		<i>Papilio</i>	<i>troilus</i>	Spicebush Swallowtail
	Psychidae	<i>Thyridopteryx</i>	<i>ephemeraeformis</i>	Bag Worm
	Saturniidae	<i>Antheraea</i>	<i>polyphemus</i>	Polyphemus Moth
	Sphingidae	<i>Eumorpha</i>	<i>fasciata</i>	Banded Sphinx Moth
Neuroptera	Chrysopidae	<i>Chrysopa</i>	<i>ornata</i>	Green Lacewing
	Myrmeleontidae	indet.	indet.	Ant Lion
Odonata	Aeshnidae	<i>Epiaeschna</i>	<i>heros</i>	Swamp Darner
	Coenagrionidae	<i>Enallagma</i>	spp.	Bluet (damselfly)
	Libellulidae	<i>Erythemis</i>	<i>simplicollis</i>	Eastern Pondhawk
		<i>Libellula</i>	<i>axilena</i>	Skimmer, Bar-winged

		<i>Libellula</i>	<i>semifasciata</i>	Skimmer, Painted
		<i>Pachydiplax</i>	<i>longipennis</i>	Blue Dasher
Orthoptera	Gryllidae	<i>Gryllus</i>	<i>pennsylvanicus</i>	Field Cricket
	Gryllotalpidae	<i>Neocurtilla</i>	<i>hexadactyla</i>	Northern Mole Cricket
	indet.	indet.	indet.	Grasshoppers
	Tetrigidae	<i>Paratettix</i>	sp.	grasshopper, pygmy
	Tettigoniidae	<i>Atlanticus</i>	sp.	Katydid, Shieldbacked
		<i>Pterophylla</i>	<i>camellifolia</i>	Katydid

Phylum Echinodermata

Class	Order	Family	Genus	species	Common Name
Echinoidea	Clypeasteroidea	Clypeasteridae	<i>Clypeaster</i>	sp.	Sand Dollar

Phylum Chordata

Class Chondrichthyes

Order	Family	Genus	species	Common Name
Rajiformes	Rajidae	<i>Raja</i>	<i>eglanteria</i>	Clearnose Skate

Class Osteichthyes

Order	Family	Genus	species	Common Name
Cyprinodontiformes	Poeciliidae	<i>Gambusia</i>	<i>affinis</i>	Mosquito Fish
Esociformes	Umbridae	<i>Umbra</i>	<i>pygmaea</i>	Mudminnow, Eastern
Mugiliformes	Mugilidae	<i>Mugil</i>	<i>cephalus</i>	Mullet
Perciformes	Centrarchidae	<i>Micropterus</i>	<i>salmoides</i>	Bass, Largemouth
Perciformes	Sciaenidae	<i>Leiostomus</i>	<i>xanthurus</i>	Spot

Class Amphibia

Order	Family	Genus	species	Common Name
Anura	Bufo	<i>Bufo</i>	<i>terrestris</i>	Toad, Southern
	Hylidae	<i>Acris</i>	<i>gryllus</i>	Frog, Southern Cricket
		<i>Hyla</i>	<i>cinera</i>	Treefrog, Green
		<i>Hyla</i>	<i>squirella</i>	Treefrog, Squirrel
	Scaphiopodidae	<i>Scaphiopus</i>	<i>holbrookii</i>	Toad, Eastern Spadefoot
	Ranidae	<i>Rana</i>	<i>catesbeiana</i>	Bullfrog, American
		<i>Rana</i>	<i>sphenocephala utricularia</i>	Frog, Southern Leopard

Class Reptilia

Order	Family	Genus	species	Common Name
Crocodylia	Alligatoridae	<i>Alligator</i>	<i>mississippiensis</i>	American Alligator
Squamata	Colubridae	<i>Coluber</i>	<i>constrictor</i>	Black Racer
		<i>Elaphe</i>	<i>gutatta</i>	Corn Snake
	Polycrotidae	<i>Anolis</i>	<i>carolinensis</i>	Green Anole
	Anguidae	<i>Ophisaurus</i>	<i>ventralis</i>	Lizard, Eastern Glass
	Scincidae	<i>Eumeces</i>	<i>laticeps</i>	Skink, Broad-headed
		<i>Eumeces</i>	<i>fasciatis</i>	Skink, Five-lined
		<i>Scincella</i>	<i>laterallis</i>	Skink, Ground
Testudines	Emydidae	<i>Trachemys</i>	<i>scripta</i>	Common slider

Class Aves

Order	Family	Genus	Species	Common Name	
Anseriformes	Anatidae	<i>Branta</i>	<i>canadensis</i>	Goose, Canada	
	Anseridae	<i>Aix</i>	<i>sponsa</i>	Duck, Wood	
Apodiformes	Apodidae	<i>Chaetura</i>	<i>pelagica</i>	Swift, Chimney	
	Trochilidae	<i>Archilochus</i>	<i>colubris</i>	Hummingbird, Ruby-throated	
Ciconiiformes	Accipitridae	<i>Buteo</i>	<i>jamaicensis</i>	Hawk, Red-tailed	
		<i>Pandion</i>	<i>haliaetus</i>	Osprey	
	Ardeidae	<i>Ardea</i>	<i>herodias</i>	Heron, Great Blue	
		<i>Bubulcus</i>	<i>ibis</i>	Egret, Cattle	
		<i>Butorides</i>	<i>virescens</i>	Heron, Green	
		<i>Casmerodius</i>	<i>albus</i>	Egret, Great	
		<i>Egretta</i>	<i>thula</i>	Egret, Snowy	
		<i>Florida</i>	<i>caerulea</i>	Heron, Little Blue	
		<i>Hydranassa</i>	<i>tricolor</i>	Heron, Tricolored	
		<i>Nycticorax</i>	<i>nycticorax</i>	Night-Heron, Black-crowned	
		Charadriidae	<i>Charadrius</i>	<i>vociferus</i>	Killdeer
			<i>Charadrius</i>	<i>semipalmatus</i>	Plover, Semi-palmated
	<i>Pluvialis</i>		<i>squatarola</i>	Plover, Black-bellied	
	Ciconiidae	<i>Cathartes</i>	<i>aura</i>	Vulture, Turkey	
		<i>Coragyps</i>	<i>atratus</i>	Vulture, Black	
	Laridae	<i>Larus</i>	<i>argentatus</i>	Gull, Herring	
			<i>atricilla</i>	Gull, Laughing	
		<i>Rynchops</i>	<i>niger</i>	Skimmer, Black	
		<i>Sterna</i>	<i>caspia</i>	Tern, Caspian	
		<i>Sterna</i>	<i>maxima</i>	Tern, Royal	
		<i>Sterna</i>	<i>sandvicensis</i>	Tern, Sandwich	
		Pelecanidae	<i>Pelecanus</i>	<i>occidentalis</i>	Pelican, Brown
		Phalacrocoracidae	<i>Phalacrocorax</i>	<i>auritas</i>	Comorant, Double-crested
Scolopacidae	<i>Arenaria</i>	<i>interpres</i>	Turnstone, Ruddy		
		<i>alpina</i>	Dunlin		
	<i>Calidris</i>	<i>alba</i>	Sanderling		
	<i>Calidris</i>	<i>minutilla</i>	Sandpiper, Least		
	<i>Calidris</i>	<i>pusilla</i>	Sandpiper, Semipalmated		
	<i>Catoptrophorus</i>	<i>semipalmatus</i>	Willet		
	<i>Limosa</i>	<i>fedoa</i>	Godwit, Marble		
	Threskiornithidae	<i>Eudocimus</i>	<i>albus</i>	Ibis, White	
		Columbidae	<i>Columbina</i>	<i>passerina</i>	Dove, Common Ground
			<i>Streptopelia</i>	<i>decaocto</i>	Dove, Eurasian Collared
<i>Zenaida</i>	<i>macroura</i>	Dove, Mourning			
Coraciiformes	Alcedinidae	<i>Megaceryle</i>	<i>alcyon</i>	Kingfisher, Belted	
Cuculiformes	Cuculidae	<i>Coccyzus</i>	<i>americanus</i>	Cuckoo, Yellow billed	
Gruiformes	Rallidae	<i>Gallinula</i>	<i>chloropus</i>	Moorhen, Common	
		<i>Rallus</i>	sp.	Rail (spec. indet.)	
Passeriformes	Bombycillidae	<i>Bombycilla</i>	<i>cedrorum</i>	Waxwing, Cedar	
	Certhiidae	<i>Poliophtila</i>	<i>caerulea</i>	Gnatcatcher, Blue-gray	
		<i>Thyrothorus</i>	<i>ludovicianus</i>	Wren, Carolina	
	Corvidae	<i>Corvus</i>	<i>brachyrhynchos</i>	Crow, American	
		<i>Corvus</i>	<i>ossifragus</i>	Crow, Fish	

		<i>Cyanocitta</i>	<i>cristata</i>	Jay, Blue
	Fringillidae	<i>Agelaius</i>	<i>phoeniceus</i>	Blackbird, Red-winged
		<i>Cardinalis</i>	<i>cardinalis</i>	Cardinal, Northern
		<i>Dendroica</i>	<i>stiata</i>	Warbler, Blackpole
		<i>Dendroica</i>	<i>discolor</i>	Warbler, Prairie
		<i>Dendroica</i>	<i>dominica</i>	Warbler, Yellow-throated
		<i>Geothlypis</i>	<i>trichas</i>	Yellowthroat, Common
		<i>Mniotilta</i>	<i>varia</i>	Warbler, Black-and-white
		<i>Molothrus</i>	<i>ater</i>	Cowbird, Brown-headed
		<i>Parula</i>	<i>americana</i>	Parula, Northern
		<i>Passerina</i>	<i>cyanea</i>	Bunting, Indigo
		<i>Passerina</i>	<i>ciris</i>	Bunting, Painted
		<i>Pipilo</i>	<i>erythrophthalmus</i>	Towhee, Eastern
		<i>Piranga</i>	<i>rubra</i>	Tanager, Summer
		<i>Seiurus</i>	<i>aurocapillus</i>	Oven Bird
	Hirudinidae	<i>Hirundo</i>	<i>rustica</i>	Swallow, Barn
		<i>Tachycineta</i>	<i>bicolor</i>	Swallow, Tree
	Muscicapidae	<i>Turdus</i>	<i>migratorius</i>	Robin, American
	Paridae	<i>Baeolophus</i>	<i>bicolor</i>	Titmouse, Tufted
		<i>Poecile</i>	<i>carolinensis</i>	Chickadee, Carolina
	Sittidae	<i>Sitta</i>	<i>pusilla</i>	Nuthatch, Brown-headed
	Sturnidae	<i>Dumetella</i>	<i>carolinensis</i>	Catbird, Gray
		<i>Mimus</i>	<i>polyglottos</i>	Mockingbird, Northern
		<i>Toxostoma</i>	<i>rufum</i>	Thrasher, Brown
		<i>Sturnus</i>	<i>vulgaris</i>	Starling, European
	Tyrannidae	<i>Myiarchus</i>	<i>crinitus</i>	Flycatcher, Great Crested
		<i>Tyrannus</i>	<i>tyrannus</i>	Kingbird, Eastern
	Vireonidae	<i>Vireo</i>	<i>grisceus</i>	Vireo, White-eyed
		<i>Vireo</i>	<i>olivaceus</i>	Vireo, Red-eyed
Piciformes	Picidae	<i>Colaptes</i>	<i>auratus</i>	Flicker, Northern
		<i>Dryocopus</i>	<i>pileatus</i>	Woodpecker, Pileated
		<i>Melanerpes</i>	<i>carolinus</i>	Woodpecker, Redbellied
		<i>Picoides</i>	<i>pubescens</i>	Woodpecker, Downy
		<i>Sphyrapicus</i>	<i>varius</i>	Sapsucker, Yellow-bellied
Strigiformes	Caprimulgidae	<i>Caprimulgus</i>	<i>carolinensis</i>	Chuck-wills-widow
		<i>Caprimulgus</i>	<i>vociferus</i>	Whip-poor-will

Class Mammalia

Order	Family	Genus	species	Common Name
Artiodactyla	Cervidae	<i>Odocoileus</i>	<i>virginianus</i>	Deer, White-tailed
Carnivora	Felidae	<i>Felis</i>	<i>silvestris</i>	Feral Cat
	Mustelidae	<i>Mustela</i>	<i>vison</i>	Mink
	Procyonidae	<i>Procyon</i>	<i>lotor</i>	Raccoon, Northern
Didelphimorphia	Didelphidae	<i>Didelphis</i>	<i>virginiana</i>	Opossum, Virginia
Insectivora	Talpidae	<i>Scalopus</i>	<i>aquaticus</i>	Mole, Eastern
Lagomorpha	Leporidae	<i>Sylvilagus</i>	sp.	Cottontail (sp. Indet.)
		<i>Syvilagus</i>	<i>palustris</i>	Rabbit, Marsh
Rodentia	Sciuridae	<i>Sciurus</i>	<i>carolinensis</i>	Squirrel, Eastern Gray

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