

Section 1

Phylogenetic Listing of Species

Quantity: 32

Phylogenetic Listing

	<u>Number Collected</u>
Class: Chondrichthyes	
Order: Squaliformes	
Family: Carcharhinidae	
<i>Carcharhinus limbatus</i> (Blacktip shark)	2
Family: Sphyrnidae	
<i>Sphyrna tiburo</i> (Bonnethead shark)	2
Order: Rajiformes	
Family: Dasyatidae	
<i>Dasyatis sabina</i> (Atlantic stingray)	1
<i>Gymnura micrura</i> (Smooth butterfly ray)	1
Class: Osteichthyes	
Order: Atheriniformes	
Family: Atherinidae	
<i>Membras martinicas</i> (Rough silverside)	5
<i>Menidia peninsulae</i> (Tidewater silverside)	1
Family: Belonidae	
<i>Strongylura marina</i> (Atlantic needlefish)	1
Family: Exocoetidae	
<i>Hyporhamphus unifasciatus</i> (Halfbeak)	1
Order: Clupeiformes	
Family: Clupeidae	
<i>Brevoortia smithii</i> (Yellowfin Menhaden)	2
<i>Dorosoma petenense</i> (Threadfin Shad)	6
Family: Engaulidae	
<i>Anchoa mitchilli</i> (Bay anchovy)	10
Order: Cyprinodontiformes	
Family: Fundulidae	
<i>Fundulus majalis</i> (Striped killifish)	5

Order: Perciformes		
Family: Carangidae		
<i>Trachinotus carolinus</i> (Florida pompano)	2	
Family: Ehippidae		
<i>Chaetodipterus faber</i> (Atlantic spadefish)	2	
Family: Mugilidae		
<i>Mugil curema</i> (White mullet)	4	
Family: Pomatomidae		
<i>Pomatomus saltatrix</i> (Bluefish)	4	
Family: Sciaenidae		
<i>Bairdiella chrysoura</i> (Silver perch)		1
<i>Larimus fasciatus</i> (Banded drum)	1	
<i>Leiostomus xanthurus</i> (Spot)	2	
<i>Menticirrhus americanus</i> (Southern kingfish)		4
<i>Micropogonias undulatus</i> (Atlantic croaker)		2
<i>Stellifer lanceolatus</i> (Star drum)	1	
Family: Stromateidae		
<i>Peprilus alepidotus</i> (Southern harvestfish)		2
Family: Triglidae		
<i>Prionotus longispinosus</i> (Bigeye searobin)		1
Order: Pleuronectiformes		
Family: Achirospettidae		
<i>Paralichthys dentalis</i> (Summer flounder)		2
Family: Bothidae		
<i>Citharichthys macrops</i> (Spotted whiff)		3
Order: Siluriformes		
Family: Ariidae		
<i>Arius felis</i> (Hardhead catfish)		1
Order: Tetraodontiformes		
Family: Balistidae		

<i>Aluterus scriptus</i> (Scrawled filefish)	1
<i>Monacanthus hispidus</i> (Planehead filefish)	4
Family: Diodontidae	
<i>Chilomycterus antillarum</i> (Web burrfish)	1
Family: Tetraodontidae	
<i>Sphenoroides maculatus</i> (Northern puffer)	6

Section 2

Chronological Site Description

Field Sites

Site: 1

Cabretta Beach

05/27/98

T R S

McIntosh County, Georgia

Habitat: Ocean

Anchoa mitchilli (Bay anchovy)
Arius felis (Hardhead catfish)
Brevoortia smithi (Yellowfin menhaden)
Chaetodipterous faber (Spadefish)
Chilomycterus antillarum (Web burrfish)
Leiostomus xanthurus (Spot)
Menticirrhus americanus (Southern Kingfish)
Monocanthus hispidus (Planehead filefish)
Peprilus glepidotus (Harvestfish)
Pomatomus saltatrix (Bluefish)
Sphyrna tiburo (Bonnethead shark)
Stellifer lanceolatus (Star drum)
Sphenoroides maculatus (Northern puffer)
Trachinotus carolinus (Florida Pompano)

Site: 2

Nannygoat beach

05/28/98

T R S

McIntosh County, Georgia

Habitat: Ocean

Fundulus majalis (Striped killifish)
Monocanthus hispidus (Planehead filefish)
Prionous longispinosus (Bigeye searobin)
Stellifer lanceolatus (Star drum)
Spheneroides maculatus (Northern puffer)

Site: 3

Nannygoat beach

05/29/98

T R S

McIntosh County, Georgia

Habitat: Ocean/Low Tide

Citharichthyes macrops (Spotted whiff)

Membras martinicas (Rough silverside)

Paralichthys dentalis (Summer flounder)

Pomatomus saltatrix (Bluefish)

Mugil curema (White mullet)

Site: 4

Cabretta Beach

05/30/98

T R S

McIntosh County, Georgia

Habitat: Ocean/High Tide

Aluterus scriptus (Scrawled filefish)

Bairdiella chrysorua (Silver perch)

Dasyatis sabina (Atlantic Stingray)

Fundulus majalis (Striped killifish)

Hyporhamphus unifasciatus (Halfbeak)

Larimus fasciatus (Banded drum)

Membras martinica (Rough silverside)

Micropogonias undulatus (Atlantic croaker)

Strongylura marina (Atlantic needlefish)

Site: 5

Cabretta Beach

06/01/98

T R S

McIntosh County, Georgia

Habitat: Ocean

Dorosoma petenense (Threadfin shad)

Menidia paninsulae (Tidewater silverside)

Monocanthus hispidus (Planehead filefish)

Carcharhinus Limbatus (Blacktip shark)