

Checklist of Fishes Documented from Mississippi's Waters*

MMNS Ichthyology Collection

31 January 2007

Sources for data include (1) MMNS Ichthyology Collection, (2) Ross (2001), and (3) Christmas (1973).

Ross, S.T. 2001. *Inland Fishes of Mississippi*. University Press of Mississippi, Jackson.

Christmas, J.Y., (editor). 1973. *Cooperative Gulf of Mexico Estuarine Inventory and Study, Mississippi*. Gulf Coast Research Laboratory, Mississippi Marine Conservation Commission.

Additional references for distributional information: Carpenter, K.E. (ed.) 2002. *The living resources of the western central Atlantic: FAO Species Identification Guide for Fishery Purposes and American Society of Ichthyologists and Herpetologists Special Publication No. 5*. Food and Agriculture Organization of the United Nations, Rome. Parsons, G.R. 2006. *Sharks, skates and rays of the Gulf of Mexico: a field guide*. University of Press of Mississippi, Jackson. Hoese, H.D. and R.H. Moore. 1998. *Fishes of the Gulf of Mexico, Texas, Louisiana and adjacent waters*. Texas AM University Press, 2nd edition. McEachran, J.D. and J.D. Fechhelm. 1998. *Fishes of the Gulf of Mexico, Volume 1: Myxiniiformes to Gasterosteiformes*. University of Texas Press, Austin. McEachran, J.D. and J.D. Fechhelm. 2005. *Fishes of the Gulf of Mexico, Volume 2: Scorpaeniformes to Tetraodontiformes*. University of Texas Press, Austin.

*This list should be not be considered an all inclusive list and should be viewed as a draft "in progress". This list is not without errors; please report any corrections, changes and/or suggestions.

ORDER	FAMILY	SCIENTIFIC NAME	COMMON NAME	HABITAT
Amphioxiformes	Branchiostomatidae	<i>Branchiostoma caribaeum</i>	Lancelet	UNKNOWN
		<i>Branchiostoma floridae</i>	Florida lancelet	UNKNOWN
		<i>Branchiostoma longirostrum</i>	Shellhash lancelet	UNKNOWN
		<i>Branchiostoma virginiae</i>	Virginia lancelet	UNKNOWN
Petromyzontiformes	Petromyzontidae	<i>Ichthyomyzon castaneus</i>	Chestnut lamprey	Freshwater only
		<i>Ichthyomyzon gagei</i>	Southern brook lamprey	Freshwater only
		<i>Ichthyomyzon unicuspis</i>	Silver lamprey	Freshwater only
		<i>Lampetra aepyptera</i>	Least brook lamprey	Freshwater only
		<i>Lampetra appendix</i>	American brook lamprey	Freshwater only
Chimaeriformes	Chimaeridae	<i>Hydrolagus mirabilis</i>	Large-eyed rabbitfish	UNKNOWN
Squatiniiformes	Squatinae	<i>Squatina dumeril</i>	Atlantic angel shark	Marine entering estuary
Carcharhiniiformes	Triakidae	<i>Mustelus canis</i>	Smooth dogfish	Marine only
	Carcharhinidae	<i>Carcharhinus acronotus</i>	Blacknose shark	Marine entering estuary
		<i>Carcharhinus falciformes</i>	Silky shark	Marine only

ORDER	FAMILY	SCIENTIFIC NAME	COMMON NAME	HABITAT
Carcharhiniformes	Carcharhinidae	<i>Carcharhinus isodon</i>	Finetooth shark	Marine entering estuary
		<i>Carcharhinus leucas</i>	Bull shark	Marine entering estuary
		<i>Carcharhinus limbatus</i>	Blacktip shark	Marine entering estuary
		<i>Galeocerdo cuvier</i>	Tiger shark	Marine entering estuary
		<i>Negaprion brevirostris</i>	Lemon shark	Marine entering estuary
		<i>Rhizoprionodon terraenovae</i>	Atlantic sharpnose shark	Marine entering estuary
	Sphyrnidae	<i>Sphyrna lewini</i>	Scalloped hammerhead	Marine entering estuary
		<i>Sphyrna tiburo</i>	Bonnethead	Marine entering estuary
		<i>Sphyrna zygaena</i>	Smooth hammerhead	Marine only
	Torpediniformes	Torpedinidae	<i>Narcine bancroftii</i>	Lesser electric ray
Pristiformes	Pristidae	<i>Pristis pectinata</i>	Smalltooth sawfish	Marine entering estuary
Rajiformes	Rhinobatidae	<i>Rhinobatos lentiginosus</i>	Atlantic guitarfish	Marine entering estuary
	Rajidae	<i>Leucoraja lentiginosa</i>	Freckled skate	Marine entering estuary
		<i>Raja eglanteria</i>	Clearnose skate	Marine entering estuary
		<i>Raja texana</i>	Roundel skate	Marine entering estuary
Myliobatiformes	Dasyatidae	<i>Dasyatis americana</i>	Southern stingray	Marine entering estuary
		<i>Dasyatis sabina</i>	Atlantic stingray	Marine entering estuary
		<i>Dasyatis sayi</i>	Bluntnose stingray	Marine entering estuary
	Gymnuridae	<i>Gymnura micrura</i>	Smooth butterfly ray	Marine entering estuary
	Myliobatidae	<i>Aetobatus narinari</i>	Spotted eagle ray	Marine entering estuary
	Rhinopteraidae	<i>Rhinoptera bonasus</i>	Cownose ray	Marine entering estuary
	Mobulidae	<i>Manta birostris</i>	Giant manta	Marine entering estuary
	Acipenseriformes	Acipenseridae	<i>Acipenser fulvescens</i>	Lake sturgeon
<i>Acipenser oxyrinchus desotoi</i>			Gulf sturgeon	Anadromous
<i>Scaphirhynchus albus</i>			Pallid sturgeon	Freshwater only
<i>Scaphirhynchus platyrhynchus</i>			Shovelnose sturgeon	Freshwater only
<i>Scaphirhynchus suttkusi</i>			Alabama sturgeon	Freshwater only
Polyodontidae		<i>Polyodon spathula</i>	Paddlefish	Freshwater entering estuary
Semionotiformes		Lepisosteidae	<i>Atractosteus spatula</i>	Alligator gar
	<i>Lepisosteus oculatus</i>		Spotted gar	Freshwater entering estuary
	<i>Lepisosteus osseus</i>		Longnose gar	Freshwater entering estuary
	<i>Lepisosteus platostomus</i>		Shortnose gar	Freshwater only
Amiiformes	Amiidae	<i>Amia calva</i>	Bowfin	Freshwater entering estuary
Hiodontiformes	Hiodontidae	<i>Hiodon alosoides</i>	Goldeye	Freshwater only
		<i>Hiodon tergisus</i>	Mooneye	Freshwater only
Elopiiformes	Elopidae	<i>Elops saurus</i>	Ladyfish	Marine entering estuary

ORDER	FAMILY	SCIENTIFIC NAME	COMMON NAME	HABITAT
Elopiformes	Megalopidae	<i>Megalops atlanticus</i>	Tarpon	Marine entering estuary
Anguilliformes	Anguillidae	<i>Anguilla rostrata</i>	American eel	Catadromous
	Muraenidae	<i>Gymn thorax nigromarginatus</i>	Blackedge moray	Marine entering estuary
	Ophichthidae	<i>Ahlia egmontis</i>	Key worm eel	Marine entering estuary
		<i>Bascanichthys bascanium</i>	Sooty eel	UNKNOWN
		<i>Bascanichthys scuticaris</i>	Whip eel	Marine entering estuary
		<i>Myrophis punctatus</i>	Speckled worm eel	Resident estuarine
		<i>Ophichthus gomesi</i>	Shrimp eel	Marine entering estuary
	Nettastomatidae	<i>Hoplunnis macrura</i>	Freckled pikeconger	Marine only
	Congridae	<i>Rhynchoconger flava</i>	Yellow conger	Marine entering estuary
Clupeiformes	Engraulidae	<i>Anchoa hepsetus</i>	Striped anchovy	Marine entering estuary
		<i>Anchoa lyolepis</i>	Dusky anchovy	Marine entering estuary
		<i>Anchoa mitchilli</i>	Bay anchovy	Resident estuarine
	Clupeidae	<i>Alosa alabamae</i>	Alabama shad	Anadromous
		<i>Alosa chrysochloris</i>	Skipjack herring	Freshwater entering estuary
		<i>Brevoortia patronus</i>	Gulf menhaden	Marine entering estuary
		<i>Brevoortia smithi</i>	Yellowfin menhaden	Marine entering estuary
		<i>Dorosoma cepedianum</i>	Gizzard shad	Freshwater entering estuary
		<i>Dorosoma petenense</i>	Threadfin shad	Freshwater entering estuary
		<i>Etrumeus teres</i>	Round herring	Marine only
		<i>Harengula jaguana</i>	Scaled sardine	Marine entering estuary
		<i>Opisthonema oglinum</i>	Atlantic thread herring	Marine entering estuary
Cypriniformes	Cyprinidae	<i>Campostoma anomalum pullum</i>	Central stoneroller	Freshwater only
		<i>Campostoma oligolepis</i>	Largescale stoneroller	Freshwater only
		<i>Carassius auratus</i>	Goldfish	Freshwater only
		<i>Clinostomus funduloides estor</i>	Rosyside dace	Freshwater only
		<i>Ctenopharyngodon idella</i>	Grass carp	Freshwater, INTRODUCED
		<i>Cyprinella callistia</i>	Alabama shiner	Freshwater only
		<i>Cyprinella camura</i>	Blunface shiner	Freshwater only
		<i>Cyprinella galactura</i>	Whitetail shiner	Freshwater only
		<i>Cyprinella lutrensis</i>	Red shiner	Freshwater only
		<i>Cyprinella spiloptera</i>	Spotfin shiner	Freshwater only
		<i>Cyprinella venusta cercostigma</i>	Eastern blacktail shiner	Freshwater entering estuary
		<i>Cyprinella venusta stigmatura</i>	Slender blacktail shiner	Freshwater only
		<i>Cyprinella venusta venusta</i>	Western blacktail shiner	Freshwater only
		<i>Cyprinella whipplei</i>	Steelcolor shiner	Freshwater only

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Cypriniformes	Cyprinidae	<i>Cyprinus carpio</i>	Common carp	Freshwater, INTRODUCED
		<i>Ericymba amplamala</i>	Longjaw minnow	Freshwater only
		<i>Hybognathus hayi</i>	Cypress minnow	Freshwater only
		<i>Hybognathus nuchalis</i>	Mississippi silvery minnow	Freshwater only
		<i>Hybopsis amnis</i>	Pallid shiner	Freshwater only
		<i>Hybopsis winchelli</i>	Clear chub	Freshwater only
		<i>Hypophthalmichthys molitrix</i>	Silver carp	Freshwater, INTRODUCED
		<i>Hypophthalmichthys nobilis</i>	Bighead carp	Freshwater, INTRODUCED
		<i>Luxilus chrysocephalus</i>	Northern striped shiner	Freshwater only
		<i>Luxilus chrysocephalus isolepis</i>	Southern striped shiner	Freshwater only
		<i>Lythrurus bellus</i>	Pretty shiner	Freshwater only
		<i>Lythrurus fasciolaris</i>	Scarletfin shiner	Freshwater only
		<i>Lythrurus fumeus</i>	Ribbon shiner	Freshwater only
		<i>Lythrurus roseipinnis</i>	Cherryfin shiner	Freshwater only
		<i>Lythrurus umbratilis cyanocephalus</i>	Redfin shiner	Freshwater only
		<i>Macrhybopsis aestivalis</i>	Speckled chub	Freshwater only
		<i>Macrhybopsis gelida</i>	Sturgeon chub	Freshwater only
		<i>Macrhybopsis meeki</i>	Sicklefin chub	Freshwater only
		<i>Macrhybopsis storeriana</i>	Silver chub	Freshwater only
		<i>Nocomis leptcephalus bellicus</i>	Bluehead chub	Freshwater only
		<i>Notemigonus crysoleucas</i>	Golden shiner	Freshwater only
		<i>Notropis ammophilus</i>	Orangefin shiner	Freshwater only
		<i>Notropis atherinoides</i>	Emerald shiner	Freshwater only
		<i>Notropis baileyi</i>	Rough shiner	Freshwater only
		<i>Notropis blennioides</i>	River shiner	Freshwater only
		<i>Notropis boops</i>	Bigeye shiner	Freshwater only
		<i>Notropis burchanani</i>	Ghost shiner	Freshwater only
		<i>Notropis candidus</i>	Silverside shiner	Freshwater only
		<i>Notropis chalybaeus</i>	Ironcolor shiner	Freshwater only
		<i>Notropis edwarddraneyi</i>	Fluvial shiner	Freshwater only
		<i>Notropis longirostris</i>	Longnose shiner	Freshwater only
		<i>Notropis maculatus</i>	Taillight shiner	Freshwater only
		<i>Notropis melanostomus</i>	Blackmouth shiner	Freshwater only
		<i>Notropis micropteryx</i>	Highland shiner	Freshwater only
		<i>Notropis petersoni</i>	Coastal shiner	Freshwater entering estuary
		<i>Notropis rafinesquei</i>	Yazoo shiner	Freshwater only

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Cypriniformes	Cyprinidae	<i>Notropis sabiniae</i>	Sabine shiner	Freshwater only
		<i>Notropis shumardi</i>	Silverband shiner	Freshwater only
		<i>Notropis sp. (cf. N. sabiniae)</i>	Undescribed shiner	Freshwater only
		<i>Notropis stilbius</i>	Silverstripe shiner	Freshwater only
		<i>Notropis texanus</i>	Weed shiner	Freshwater only
		<i>Notropis volucellus</i>	Mimic shiner	Freshwater only
		<i>Notropis wickliffi</i>	Channel shiner	Freshwater only
		<i>Opsopoeodus emiliae</i>	Pugnose minnow	Freshwater only
		<i>Phenacobius mirabilis</i>	Suckermouth minnow	Freshwater only
		<i>Phoxinus erythrogaster</i>	Southern redbelly dace	Freshwater only
		<i>Pimephales notatus</i>	Bluntnose minnow	Freshwater only
		<i>Pimephales promelas</i>	Fathead minnow	Freshwater, INTRODUCED
		<i>Pimephales vigilax perspicuus</i>	Bullhead minnow	Freshwater only
		<i>Platygobio gracilis</i>	Flathead chub	Freshwater only
		<i>Pteronotropis signipinnis</i>	Flagfin shiner	Freshwater only
		<i>Pteronotropis welaka</i>	Bluenose shiner	Freshwater only
		<i>Rhinichthys atratulus obtusus</i>	Southern blacknose dace	Freshwater only
		<i>Semotilus atromaculatus</i>	Creek chub	Freshwater only
		<i>Semotilus thoreauianus</i>	Dixie chub	Freshwater only
		Catostomidae	<i>Carpiodes carpio</i>	River carpsucker
	<i>Carpiodes cyprinus</i>		Quillback	Freshwater entering estuary
	<i>Carpiodes velifer</i>		Highfin carpsucker	Freshwater only
	<i>Cycleptus elongatus</i>		Blue sucker	Freshwater only
	<i>Cycleptus meridionalis</i>		Southeastern blue sucker	Freshwater only
	<i>Erimyzon oblongus claviformis</i>		Western creek chubsucker	Freshwater only
	<i>Erimyzon sucetta</i>		Lake chubsucker	Freshwater only
	<i>Erimyzon tenuis</i>		Sharpfin chubsucker	Freshwater entering estuary
	<i>Hypentelium etowanum</i>		Alabama hog sucker	Freshwater only
	<i>Hypentelium nigricans</i>		Northern hog sucker	Freshwater only
	<i>Ictiobus bubalus</i>		Smallmouth buffalo	Freshwater entering estuary
	<i>Ictiobus cyprinellus</i>		Bigmouth buffalo	Freshwater only
	<i>Ictiobus niger</i>		Black buffalo	Freshwater only
	<i>Minytrema melanops</i>		Spotted sucker	Freshwater only
	<i>Moxostoma anisurum</i>		Silver redhorse	Freshwater only
	<i>Moxostoma carinatum</i>		River redhorse	Freshwater only
	<i>Moxostoma duquesnei</i>	Black redhorse	Freshwater only	

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Cypriniformes	Catostomidae	<i>Moxostoma erythrurum</i>	Golden redbhorse	Freshwater only		
		<i>Moxostoma macrolepidotum breviceps</i>	Shorthead redbhorse	Freshwater only		
		<i>Moxostoma poecilurum</i>	Blacktail redbhorse	Freshwater only		
Characiformes	Characidae	<i>Colossoma macropomum</i>	Tambaqui	Freshwater, INTRODUCED		
		<i>Piaractus brachypomus</i>	Pirapitinga	Freshwater, INTRODUCED		
Siluriformes	Ictaluridae	<i>Ameiurus catus</i>	White catfish	Freshwater, INTRODUCED		
		<i>Ameiurus melas</i>	Black bullhead	Freshwater only		
		<i>Ameiurus natalis</i>	Yellow bullhead	Freshwater entering estuary		
		<i>Ameiurus nebulosus</i>	Brown bullhead	Freshwater entering estuary		
		<i>Ictalurus furcatus</i>	Blue catfish	Freshwater entering estuary		
		<i>Ictalurus punctatus</i>	Channel catfish	Freshwater entering estuary		
		<i>Noturus exilis</i>	Slender madtom	Freshwater only		
		<i>Noturus flavus</i>	Stonecat	Freshwater only		
		<i>Noturus funebris</i>	Black madtom	Freshwater only		
		<i>Noturus gladiator</i>	Piebald madtom	Freshwater only		
		<i>Noturus gyrinus</i>	Tadpole madtom	Freshwater only		
		<i>Noturus hildebrandi hildebrandi</i>	Southern least madtom	Freshwater only		
		<i>Noturus hildebrandi lautus</i>	Northern least madtom	Freshwater only		
		<i>Noturus leptacanthus</i>	Speckled madtom	Freshwater only		
		<i>Noturus miurus</i>	Brindled madtom	Freshwater only		
		<i>Noturus munitus</i>	Frecklebelly madtom	Freshwater only		
		<i>Noturus nocturnus</i>	Freckled madtom	Freshwater only		
		<i>Noturus phaeus</i>	Brown madtom	Freshwater only		
		<i>Pylodictis olivaris</i>	Flathead catfish	Freshwater only		
			Ariidae	<i>Ariopsis felis</i>	Hardhead catfish	Marine entering estuary
				<i>Bagre marinus</i>	Gafftopsail catfish	Marine entering estuary
	Loricariidae	<i>Pterygoplichthys disjunctivus</i>	Sailfin catfish	Freshwater, INTRODUCED		
Esociformes	Esocidae	<i>Esox americanus vermiculatus</i>	Grass pickerel	Freshwater only		
		<i>Esox niger</i>	Chain pickerel	Freshwater entering estuary		
Salmoniformes	Osmeridae	<i>Osmerus mordax</i>	Rainbow smelt	Freshwater only		
	Salmonidae	<i>Oncorhynchus mykiss</i>	Rainbow trout	Freshwater, INTRODUCED		
Aulopiformes	Synodontidae	<i>Saurida brasiliensis</i>	Largescale lizardfish	UNKNOWN		
		<i>Synodus foetens</i>	Inshore lizardfish	Marine entering estuary		
		<i>Synodus intermedius</i>	Sand diver	Marine entering estuary		
		<i>Trachinocephalus myops</i>	Snakefish	Marine only		
Percopsiformes	Aphredoderidae	<i>Aphredoderus sayanus</i>	Pirate perch	Freshwater only		

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Ophidiiformes	Ophidiidae	<i>Brotula barbata</i>	Bearded brotula	Marine only	
		<i>Lepophidium brevibarbe</i>	Blackedge cusk-eel	Marine only	
		<i>Lepophidium jeannae</i>	Mottled cusk-eel	Marine entering estuary	
		<i>Ophidion josephi</i>	Crested cusk-eel	Marine entering estuary	
Gadiformes	Bythitidae	<i>Gunterichthys longipenis</i>	Gold brotula	Resident estuarine	
	Steindachneriidae	<i>Steindachneria argentea</i>	Luminous hake	Marine only	
	Moridae	<i>Physiculus fulvus</i>	Metalic codling	Marine only	
	Phycidae	<i>Urophycis floridana</i>	Southern hake	Marine entering estuary	
<i>Urophycis regia</i>		Spotted hake	Marine entering estuary		
Batrachoidiformes	Batrachoididae	<i>Opsanus beta</i>	Gulf toadfish	Resident estuarine	
		<i>Porichthys plectrodon</i>	Atlantic midshipman	Marine entering estuary	
Lophiiformes	Antennariidae	<i>Antennarius radiosus</i>	Singlespot frogfish	Marine entering estuary	
		<i>Histrio histrio</i>	Sargassumfish	Marine entering estuary	
	Ogcocephalidae	<i>Dibranchius atlanticus</i>	Offshore batfish	Marine only	
		<i>Haliutichthys aculeatus</i>	Pancake batfish	Marine only	
		<i>Ogcocephalus nasutus</i>	Shortnose batfish	Marine entering estuary	
		<i>Ogcocephalus pantostictus</i>	Spotted batfish	Marine only	
Mugiliformes	Mugilidae	<i>Ogcocephalus parvus</i>	Roughback batfish	Marine only	
		<i>Agonostomus monticola</i>	Mountain mullet	UNKNOWN	
		<i>Mugil cephalus</i>	Striped mullet	Marine entering estuary	
		<i>Mugil curema</i>	White mullet	Marine entering estuary	
Atheriniformes	Atherinopsidae	<i>Labidesthes sicculus</i>	Brook silverside	Freshwater entering estuary	
		<i>Membras martinica</i>	Rough silverside	Marine entering estuary	
		<i>Menidia audens</i>	Mississippi silverside	Freshwater only	
		<i>Menidia beryllina</i>	Inland silverside	Resident estuarine	
		<i>Menidia clarkhubbsi</i>	Texas silverside	Resident estuarine	
		<i>Menidia peninsulae</i>	Tidewater silverside	Resident estuarine	
Beloniformes	Belonidae	<i>Ablennes hians</i>	Flat needlefish	Marine entering estuary	
		<i>Strongylura marina</i>	Atlantic needlefish	Marine entering estuary	
		<i>Strongylura timucu</i>	Timucu	Marine entering estuary	
		<i>Tylosurus crocodilus</i>	Houndfish	Marine entering estuary	
	Exocoetidae	<i>Cheilopogon melanurus</i>	Atlantic flyingfish	Marine entering estuary	
		<i>Hirundichthys rondeletii</i>	Blackwing flyingfish	UNKNOWN	
Cyprinodontiformes	Hemiramphidae	<i>Hyporhamphus meeki</i>	False silverstripe halfbeak	Marine entering estuary	
		Fundulidae	<i>Adinia xenica</i>	Diamond killifish	Resident estuarine
			<i>Fundulus blairae</i>	Western starhead topminnow	Freshwater only

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Cyprinodontiformes	Fundulidae	<i>Fundulus catenatus</i>	Northern studfish	Freshwater only		
		<i>Fundulus chrysotus</i>	Golden topminnow	Freshwater entering estuary		
		<i>Fundulus confluentus</i>	Marsh killifish	Marine entering estuary		
		<i>Fundulus dispar</i>	Starhead topminnow	Freshwater only		
		<i>Fundulus euryzonus</i>	Broadstripe topminnow	Freshwater only		
		<i>Fundulus grandis</i>	Gulf killifish	Resident estuarine		
		<i>Fundulus jenkinsi</i>	Saltmarsh topminnow	Freshwater entering estuary		
		<i>Fundulus majalis</i>	Striped killifish	Resident estuarine		
		<i>Fundulus notatus</i>	Blackstripe topminnow	Freshwater only		
		<i>Fundulus notti</i>	Starhead topminnow	Freshwater only		
		<i>Fundulus olivaceus</i>	Blackspotted topminnow	Freshwater entering estuary		
		<i>Fundulus pulvereus</i>	Bayou killifish	Resident estuarine		
		<i>Fundulus similis</i>	Longnose killifish	Resident estuarine		
		<i>Fundulus sp. (cf. F. olivaceus)</i>	Undescribed topminnow	Freshwater only		
		<i>Leptolucania ommata</i>	Pygmy killifish	Freshwater only		
	<i>Lucania parva</i>	Rainwater killifish	Resident estuarine			
	Poeciliidae	<i>Gambusia affinis</i>	Western mosquitofish	Freshwater entering estuary		
		<i>Gambusia holbrooki</i>	Eastern mosquitofish	Freshwater entering estuary		
		<i>Heterandria formosa</i>	Least killifish	Freshwater entering estuary		
		<i>Poecilia latipinna</i>	Sailfin molly	Freshwater entering estuary		
	Gasterosteiformes	Cyprinodontidae	<i>Cyprinodon variegatus</i>	Sheepshead minnow	Resident estuarine	
		Syngnathidae	<i>Anarchopterus criniger</i>	Fringed pipefish	Marine entering estuary	
			<i>Hippocampus erectus</i>	Lined seahorse	Marine entering estuary	
<i>Hippocampus zosterae</i>			Dwarf seahorse	Marine entering estuary		
<i>Oostethus brachyurus</i>			Opossum pipefish	UNKNOWN		
<i>Syngnathus floridae</i>			Dusky pipefish	Marine entering estuary		
<i>Syngnathus louisianae</i>			Chain pipefish	Marine entering estuary		
<i>Syngnathus scovelli</i>			Gulf pipefish	Marine entering estuary		
Fistulariidae			<i>Fistularia tabacaria</i>	Bluespotted cornetfish	Marine entering estuary	
Scorpaeniformes			Scorpaenidae	<i>Neomerinthe hemingwayi</i>	Spinycheek scorpionfish	Marine only
				<i>Pontinus longispinis</i>	Longspine scorpionfish	Marine only
				<i>Scorpaena calcarata</i>	Smoothhead scorpionfish	Marine only
	<i>Scorpaena grandicornis</i>	Plumed scorpionfish		Marine entering estuary		
	<i>Scorpaena plumieri</i>	Spotted scorpionfish		Marine entering estuary		
	Triglidae	<i>Bellator militaris</i>		Horned searobin	Marine only	
		<i>Peristedion gracile</i>		Slender searobin	Marine only	

ORDER	FAMILY	SCIENTIFIC NAME	COMMON NAME	HABITAT		
Scorpaeniformes	Triglidae	<i>Prionotus alatus</i>	Spiny searobin	Marine only		
		<i>Prionotus evolans</i>	Striped searobin	Marine entering estuary		
		<i>Prionotus longispinosus</i>	Bigeye searobin	UNKNOWN		
		<i>Prionotus ophryas</i>	Bandtail searobin	Marine entering estuary		
		<i>Prionotus paralatus</i>	Mexican searobin	Marine only		
		<i>Prionotus roseus</i>	Bluespotted searobin	Marine entering estuary		
		<i>Prionotus rubio</i>	Blackwing searobin	Marine entering estuary		
		<i>Prionotus scitulus</i>	Leopard searobin	Marine entering estuary		
		<i>Prionotus stearnsi</i>	Shortwing	Marine only		
		<i>Prionotus tribulus</i>	Bighead searobin	Marine entering estuary		
		Perciformes	Cottidae	<i>Cottus carolinae carolinae</i>	Banded sculpin	Freshwater only
			Centropomidae	<i>Centropomus undecimalis</i>	Snook	UNKNOWN
			Moronidae	<i>Morone chrysops</i>	White bass	Freshwater only
<i>Morone chrysops x M. saxatilis</i>	Sunshine bass			Freshwater only		
<i>Morone mississippiensis</i>	Yellow bass			Freshwater only		
<i>Morone saxatilis</i>	Striped bass			Anadromous		
<i>Morone saxatilis x M. chrysops</i>	Whiterock bass			Freshwater only		
Serranidae	<i>Centropristis ocyurus</i>		Bank sea bass	Marine only		
	<i>Centropristis philadelphica</i>		Rock sea bass	Marine entering estuary		
	<i>Diplectrum bivittatum</i>		Dwarf sand perch	Marine entering estuary		
	<i>Epinephelus drummondhayi</i>		Speckled hind	Marine entering estuary		
	<i>Epinephelus nigritus</i>		Warsaw grouper	Marine entering estuary		
	<i>Hemanthias leptus</i>		Longtail bass	Marine only		
	<i>Mycteroperca bonaci</i>		Black grouper	Marine entering estuary		
	<i>Rypticus bistrispinus</i>		Freckled soapfish	Marine entering estuary		
	<i>Rypticus saponaceus</i>		Greater soapfish	Marine entering estuary		
	<i>Serraniculus pumilio</i>		Pygmy sea bass	Marine entering estuary		
Centrarchidae	<i>Serranus atrobranchus</i>		Blackear bass	Marine only		
	<i>Serranus subligarius</i>		Belted sandfish	Marine entering estuary		
	<i>Ambloplites ariommus</i>		Shadow bass	Freshwater only		
	<i>Ambloplites rupestris</i>	Rock bass	Freshwater only			
	<i>Centrarchus macropterus</i>	Flier	Freshwater only			
	<i>Enneacanthus gloriosus</i>	Bluespotted sunfish	Freshwater entering estuary			
	<i>Lepomis auritus</i>	Redbreast sunfish	Freshwater, INTRODUCED			
	<i>Lepomis cyanellus</i>	Green sunfish	Freshwater only			
	<i>Lepomis gulosus</i>	Warmouth	Freshwater only			

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Perciformes	Centrarchidae	<i>Lepomis humilis</i>	Orangespotted sunfish	Freshwater only	
		<i>Lepomis macrochirus</i>	Bluegill	Freshwater entering estuary	
		<i>Lepomis marginatus</i>	Dollar sunfish	Freshwater only	
		<i>Lepomis megalotis</i>	Longear sunfish	Freshwater entering estuary	
		<i>Lepomis microlophus</i>	Redear sunfish	Freshwater entering estuary	
		<i>Lepomis miniatus</i>	Redspotted sunfish	Freshwater entering estuary	
		<i>Lepomis symmetricus</i>	Bantam sunfish	Freshwater only	
		<i>Micropterus dolomieu</i>	Smallmouth bass	Freshwater only	
		<i>Micropterus punctulatus</i>	Spotted bass	Freshwater entering estuary	
		<i>Micropterus salmoides</i>	Largemouth bass	Freshwater entering estuary	
		<i>Pomoxis annularis</i>	White crappie	Freshwater entering estuary	
		<i>Pomoxis nigromaculatus</i>	Black crappie	Freshwater entering estuary	
		Percidae	<i>Ammocrypta beani</i>	Naked sand darter	Freshwater only
			<i>Ammocrypta clara</i>	Western sand darter	Freshwater only
			<i>Ammocrypta meridiana</i>	Southern sand darter	Freshwater only
			<i>Ammocrypta vivax</i>	Scaly sand darter	Freshwater only
			<i>Crystallaria asprella</i>	Crystal darter	Freshwater only
	<i>Etheostoma artesia</i>		Redspot darter	Freshwater only	
	<i>Etheostoma asprigene</i>		Mud darter	Freshwater only	
	<i>Etheostoma blennioides newmanii</i>		Greenside darter	Freshwater only	
	<i>Etheostoma caeruleum caeruleum</i>		Rainbow darter	Freshwater only	
	<i>Etheostoma chlorosoma</i>		Bluntnose darter	Freshwater only	
	<i>Etheostoma duryi</i>		Black darter	Freshwater only	
	<i>Etheostoma flabellare</i>		Fantail darter	Freshwater only	
	<i>Etheostoma fusiforme</i>		Swamp darter	Freshwater only	
	<i>Etheostoma gracile</i>		Slough darter	Freshwater only	
	<i>Etheostoma histrio</i>		Harlequin darter	Freshwater only	
	<i>Etheostoma kennicotti</i>		Stripetail darter	Freshwater only	
	<i>Etheostoma lachneri</i>		Tombigbee darter	Freshwater only	
	<i>Etheostoma lynceum</i>		Brighteye darter	Freshwater only	
	<i>Etheostoma nigripinne</i>		Blackfin darter	Freshwater only	
	<i>Etheostoma nigrum nigrum</i>		Johnny darter	Freshwater only	
	<i>Etheostoma parvipinne</i>	Goldstripe darter	Freshwater only		
	<i>Etheostoma proeliare</i>	Cypress darter	Freshwater only		
	<i>Etheostoma raneyi</i>	Yazoo darter	Freshwater only		
	<i>Etheostoma rubrum</i>	Bayou darter	Freshwater only		

ORDER	FAMILY	SCIENTIFIC NAME	COMMON NAME	HABITAT
Perciformes	Percidae	<i>Etheostoma rufilineatum</i>	Redline darter	Freshwater only
		<i>Etheostoma rupestre</i>	Rock darter	Freshwater only
		<i>Etheostoma simoterum</i>	Snubnose darter	Freshwater only
		<i>Etheostoma stigmaeum</i>	Speckled darter	Freshwater only
		<i>Etheostoma swaini</i>	Gulf darter	Freshwater only
		<i>Etheostoma zonifer</i>	Backwater darter	Freshwater only
		<i>Etheostoma zonistium</i>	Bandfin darter	Freshwater only
		<i>Perca flavescens</i>	Yellow perch	Freshwater, INTRODUCED
		<i>Percina aurora</i>	Pearl darter	Freshwater only
		<i>Percina caprodes caprodes</i>	Logperch	Freshwater only
		<i>Percina evides evides</i>	Gilt darter	Freshwater only
		<i>Percina kathae</i>	Mobile logperch	Freshwater only
		<i>Percina lenticula</i>	Freckled darter	Freshwater only
		<i>Percina maculata</i>	Blackside darter	Freshwater only
		<i>Percina nigrofasciata</i>	Blackbanded darter	Freshwater only
		<i>Percina phoxocephala</i>	Slenderhead darter	Freshwater only
		<i>Percina sciera</i>	Dusky darter	Freshwater only
		<i>Percina shumardi</i>	River darter	Freshwater only
		<i>Percina suttkusi</i>	Gulf logperch	Freshwater only
		<i>Percina vigil</i>	Saddleback darter	Freshwater only
		<i>Sander canadense</i>	Sauger	Freshwater only
		<i>Sander vitreum</i>	Walleye	Freshwater only
		Priacanthidae	<i>Priacanthus arenatus</i>	Bigeye
	<i>Pristigenys alta</i>		Short bigeye	Marine entering estuary
	Malacanthidae	<i>Caulolatilus cyanops</i>	Blackline tilefish	Marine only
	Pomatomidae	<i>Pomatomus saltatrix</i>	Bluefish	Marine entering estuary
	Echeneidae	<i>Echeneis naucrates</i>	Sharksucker	Marine entering estuary
	Rachycentridae	<i>Rachycentron canadum</i>	Cobia	Marine entering estuary
	Carangidae	<i>Alectis crinitus</i>	African pompano	Marine entering estuary
		<i>Caranx bartholomaei</i>	Yellow jack	Marine entering estuary
		<i>Caranx crysos</i>	Blue runner	Marine entering estuary
		<i>Caranx hippos</i>	Crevalle jack	Marine entering estuary
		<i>Caranx latus</i>	Horse-eye jack	Marine entering estuary
		<i>Chloroscombrus chrysurus</i>	Atlantic bumper	Marine entering estuary
		<i>Decapterus punctatus</i>	Round scad	Marine entering estuary
		<i>Hemicaranx amblyrhynchus</i>	Bluntnose jack	Marine entering estuary

ORDER	FAMILY	SCIENTIFIC NAME	COMMON NAME	HABITAT
Perciformes	Carangidae	<i>Oligoplites saurus</i>	Leatherjacket	Marine entering estuary
		<i>Selar crumenophthalmus</i>	Bigeyed scad	Marine entering estuary
		<i>Selene setapinnis</i>	Atlantic moonfish	Marine entering estuary
		<i>Selene vomer</i>	Lookdown	Marine entering estuary
		<i>Trachinotus carolinus</i>	Florida pompano	Marine entering estuary
		<i>Trachinotus falcatus</i>	Permit	Marine entering estuary
		<i>Trachurus lathami</i>	Rough scad	Marine only
		<i>Lutjanus campechanus</i>	Red snapper	Marine only
	Lutjanidae	<i>Lutjanus griseus</i>	Gray snapper	Marine entering estuary
		<i>Lutjanus synagris</i>	Lane snapper	Marine entering estuary
		<i>Pristipomoides aquilonaris</i>	Wenchman	Marine only
	Lobotidae	<i>Lobotes surinamensis</i>	Tripletail	Marine entering estuary
	Gerreidae	<i>Eucinostomus argenteus</i>	Spotfin mojarra	Marine entering estuary
		<i>Eucinostomus gula</i>	Silver jenny	Marine entering estuary
		<i>Eucinostomus harengulus</i>	Tidewater mojarra	Resident estuarine
	Haemulidae	<i>Haemulon aurolineatum</i>	Tomtate	UNKNOWN
		<i>Orthopristis chrysoptera</i>	Pigfish	Marine entering estuary
	Sparidae	<i>Archosargus probatocephalus</i>	Sheepshead	Marine entering estuary
		<i>Lagodon rhomboides</i>	Pinfish	Marine entering estuary
		<i>Pagrus pagrus</i>	Red porgy	Marine only
		<i>Stenotomus caprinus</i>	Longspine porgy	Marine entering estuary
	Polynemidae	<i>Polydactylus octonemus</i>	Atlantic threadfin	Marine entering estuary
	Sciaenidae	<i>Aplodinotus grunniens</i>	Freshwater drum	Freshwater only
		<i>Bairdiella chrysoura</i>	Silver perch	Marine entering estuary
		<i>Cynoscion arenarius</i>	Sand seatrout	Marine entering estuary
		<i>Cynoscion nebulosus</i>	Spotted seatrout	Resident estuarine
		<i>Cynoscion nothus</i>	Silver seatrout	Marine entering estuary
		<i>Larimus fasciatus</i>	Banded drum	Marine entering estuary
		<i>Leiostomus xanthurus</i>	Spot	Marine entering estuary
		<i>Menticirrhus americanus</i>	Southern kingfish	Marine entering estuary
		<i>Menticirrhus littoralis</i>	Gulf kingfish	Marine entering estuary
		<i>Menticirrhus saxatilis</i>	Northern kingfish	Marine entering estuary
		<i>Micropogonias undulatus</i>	Atlantic croaker	Marine entering estuary
		<i>Pareques acuminatus</i>	High-hat	Marine entering estuary
		<i>Pogonias cromis</i>	Black drum	Resident estuarine
	<i>Sciaenops ocellatus</i>	Red drum	Marine entering estuary	

ORDER	FAMILY	SCIENTIFIC NAME	COMMON NAME	HABITAT
Perciformes	Sciaenidae	<i>Stellifer lanceolatus</i>	Star drum	Marine entering estuary
	Mullidae	<i>Mullus auratus</i>	Red goatfish	Marine only
		<i>Upeneus parvus</i>	Dwarf goatfish	UNKNOWN
		<i>Chaetodon capistratus</i>	Foureye butterflyfish	Marine entering estuary
	Chaetodontidae	<i>Chaetodon ocellatus</i>	Spotfin butterflyfish	Marine entering estuary
		<i>Chaetodon sedentarius</i>	Reef butterflyfish	Marine entering estuary
		<i>Kyphosus sectatrix</i>	Bermuda chub	Marine entering estuary
	Kyphosidae	<i>Kyphosus sectatrix</i>	Bermuda chub	Marine entering estuary
	Elassomatidae	<i>Elassoma zonatum</i>	Banded pygmy sunfish	Freshwater only
	Cichlidae	<i>Astronotus ocellatus</i>	Oscar	Freshwater, INTRODUCED
		<i>Oreochromis niloticus</i>	Nile tilapia	Freshwater, INTRODUCED
	Pomacentridae	<i>Abudefduf saxatilis</i>	Sergeant major	Marine entering estuary
		<i>Stegastes fuscus</i>	Dusky damselfish	Marine entering estuary
		<i>Stegastes leucostictus</i>	Beaugregory	Marine entering estuary
		<i>Stegastes partitus</i>	Bicolor damselfish	UNKNOWN
	Labridae	<i>Xyrichtys novacula</i>	Pearly razorfish	Marine entering estuary
	Uranoscopidae	<i>Astroscopus y-graecum</i>	Southern stargazer	Marine entering estuary
		<i>Kathetostoma albigutta</i>	Lancer stargazer	Marine only
	Dactyloscopidae	<i>Dactyloscopus moorei</i>	Speckled stargazer	UNKNOWN
		<i>Dactyloscopus tridigitatus</i>	Sand stargazer	Marine entering estuary
	Blenniidae	<i>Chasmodes bosquianus</i>	Striped blenny	Resident estuarine
		<i>Chasmodes saburrae</i>	Florida blenny	Marine entering estuary
		<i>Hypleurochilus geminatus</i>	Crested blenny	Marine entering estuary
		<i>Hypsoblennius henz</i>	Feather blenny	Resident estuarine
		<i>Hypsoblennius ionthas</i>	Freckled blenny	Resident estuarine
	Gobiesocidae	<i>Gobiesox strumosus</i>	Skilletfish	Marine entering estuary
	Eleotridae	<i>Dormitator maculatus</i>	Fat sleeper	Marine entering estuary
		<i>Eleotris amblyopsis</i>	Largescaled spinycheek sleeper	Marine entering estuary
		<i>Erotelis smaragdus</i>	Emerald sleeper	Marine entering estuary
	Gobiidae	<i>Bathygobius soporator</i>	Frillfin goby	Marine entering estuary
		<i>Bollmania communis</i>	Ragged goby	Marine only
		<i>Ctenogobius stigmaturus</i>	Spottail goby	Resident estuarine
		<i>Evorthodus lyricus</i>	Lyre goby	Marine entering estuary
		<i>Gobioides broussoneti</i>	Violet goby	Marine entering estuary
		<i>Gobionellus boleosoma</i>	Darter goby	Resident estuarine
		<i>Gobionellus oceanicus</i>	Highfin goby	Resident estuarine
<i>Gobionellus shufeldti</i>		Freshwater goby	Resident estuarine	

ORDER	FAMILY	SCIENTIFIC NAME	COMMON NAME	HABITAT	
Perciformes	Gobiidae	<i>Gobiosoma bosc</i>	Naked goby	Resident estuarine	
		<i>Gobiosoma longipala</i>	Twoscale goby	Resident estuarine	
		<i>Gobiosoma robustum</i>	Code goby	Resident estuarine	
		<i>Microgobius gulosus</i>	Clown goby	Resident estuarine	
		<i>Microgobius thalassinus</i>	Green goby	Resident estuarine	
	Microdesmidae	<i>Microdesmus longipinnis</i>	Pink wormfish	Resident estuarine	
	Ephippidae	<i>Chaetodipterus faber</i>	Spadefish	Marine entering estuary	
	Sphyraenidae	<i>Sphyraena barracuda</i>	Great barracuda	Marine entering estuary	
		<i>Sphyraena borealis</i>	Northern sennet	Marine entering estuary	
		<i>Sphyraena guachancho</i>	Guaguanche	Marine entering estuary	
	Trichiuridae	<i>Trichiurus lepturus</i>	Atlantic cutlassfish	Marine entering estuary	
	Scombridae	<i>Scomber colias</i>	Atlantic chub mackerel	Marine entering estuary	
		<i>Scomberomorus cavalla</i>	King mackerel	Marine entering estuary	
		<i>Scomberomorus maculatus</i>	Spanish mackerel	Marine entering estuary	
		Stromateidae	<i>Peprilus burti</i>	Gulf butterfish	Marine entering estuary
			<i>Peprilus paru</i>	Harvestfish	Marine entering estuary
	Pleuronectiformes	Bothidae	<i>Engyophrys sentus</i>	Spiny flounder	Marine only
			<i>Trichopsetta ventralis</i>	Sash flounder	Marine only
		Paralichthyidae	<i>Ancylopsetta dilecta</i>	Three-eyed flounder	Marine only
<i>Ancylopsetta quadrocellata</i>			Ocellated flounder	Marine entering estuary	
<i>Citharichthys macrops</i>			Spotted whiff	Marine entering estuary	
<i>Citharichthys spilopterus</i>			Bay whiff	Marine entering estuary	
<i>Cyclopsetta chittendeni</i>			Mexican flounder	Marine only	
<i>Etropus crossotus</i>			Fringed flounder	Marine entering estuary	
<i>Etropus microstomus</i>			Smallmouth flounder	Marine entering estuary	
<i>Paralichthys albigutta</i>			Gulf flounder	Marine entering estuary	
<i>Paralichthys lethostigma</i>			Southern flounder	Marine entering estuary	
<i>Paralichthys squamilentus</i>			Broad flounder	Marine only	
<i>Syacium gunteri</i>			Shoal flounder	Marine entering estuary	
<i>Syacium papillosum</i>			Dusky flounder	Marine only	
Achiridae			<i>Achirus lineatus</i>	Lined sole	Marine entering estuary
		<i>Gymnachirus texae</i>	Fringed sole	Marine entering estuary	
		<i>Trinectes maculatus fasciatus</i>	Hogchoker	Resident estuarine	
Cynoglossidae		<i>Symphurus civitatum</i>	Offshore tonguefish	Marine entering estuary	
		<i>Symphurus plagiusa</i>	Blackcheek tonguefish	Marine entering estuary	
Tetraodontiformes		Balistidae	<i>Balistes capriscus</i>	Grey triggerfish	Marine only

ORDER	FAMILY	SCIENTIFIC NAME	COMMON NAME	HABITAT
Tetraodontiformes	Monacanthidae	<i>Aluterus schoepfii</i>	Orange filefish	Marine entering estuary
		<i>Monocanthus ciliatus</i>	Fringed filefish	Marine entering estuary
		<i>Stephanolepis hispidus</i>	Planehead filefish	Marine entering estuary
	Ostraciidae	<i>Acanthostracion quadricornis</i>	Scrawled cowfish	Marine entering estuary
	Tetraodontidae	<i>Lagocephalus laevigatus</i>	Smooth puffer	Marine entering estuary
		<i>Sphoeroides nephelus</i>	Southern puffer	Marine entering estuary
		<i>Sphoeroides parvus</i>	Least puffer	Marine entering estuary
		<i>Sphoeroides spengleri</i>	Bandtail puffer	Marine entering estuary
	Diodontidae	<i>Chilomycterus schoepfii</i>	Striped burrfish	Marine entering estuary

Total number of taxa: 491

Freshwater only: 177

Freshwater entering estuary: 36

Resident estuary: 31

Marine entering estuary: 172

Marine only: 41

Diadromous: 4

Unknown: 16