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Supplementary Materials

A Synthesis of Impacts of *Deepwater Horizon* on Coastal and Nearshore Living Marine Resources

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Table S1. Common and scientific names and presence of species caught in Louisiana Department of Wildlife and Fisheries trawl surveys, 1994-2018. Data are presented for three coastal basins: Terrebonne, Barataria, and Pontchartrain (Figure 1). Habitat groups are: FW = freshwater species, FF = finfishes, INV = invertebrates. Presence is indicated by an “X”.

Common Name	Scientific Name	Species Group	Terrebonne	Barataria	Pontchartrain
Alligator Gar	<i>Atractosteus spatula</i>	FW	X	X	X
American Eel	<i>Anguilla rostrata</i>	FW	X	X	X
<i>Anchoa</i> spp.	<i>Anchoa</i> spp.	FF	X		
Arrow Crab	<i>Stenorhynchus seticornis</i>	INV	X		X
Arrow Squid	<i>Loligo plei</i>	INV	X		
Atlantic Brief Squid	<i>Lolliguncula brevis</i>	INV	X	X	X
Atlantic Bumper	<i>Chloroscombrus chrysurus</i>	FF	X	X	X
Atlantic Croaker	<i>Micropogonias undulatus</i>	FF	X	X	X
Atlantic Cutlassfish	<i>Trichiurus lepturus</i>	FF	X	X	X
Atlantic Herring	<i>Clupea harengus</i>	FF	X		X
Atlantic Marsh Fiddler	<i>Uca pugnax</i>	INV	X	X	X
Atlantic Midshipman	<i>Porichthys porosissimus</i>	FF	X	X	X
Atlantic Moonfish	<i>Selene setapinnis</i>	FF	X	X	X
Atlantic Mud Crab	<i>Panopeus herbstii</i>	INV	X	X	X
Atlantic Needlefish	<i>Strongylura marina</i>	FF	X		X
Atlantic Sharpnose Shark	<i>Rhizoprionodon terraenovae</i>	FF	X		X
Atlantic Spadefish	<i>Chaetodipterus faber</i>	FF	X	X	X
Atlantic Stingray	<i>Hypanus sabinus</i>	FF	X	X	X
Atlantic Tarpon	<i>Megalops atlanticus</i>	FF		X	

Atlantic Thread Herring	<i>Opisthonema oglinum</i>	FF	X	X	X
Atlantic Threadfin	<i>Polydactylus octonemus</i>	FF	X	X	X
Australian Jellyfish	<i>Phyllorhiza punctata</i>	INV	X		
Banded Drum	<i>Larimus fasciatus</i>	FF	X	X	X
Banded Rudderfish	<i>Seriola zonata</i>	FF		X	
Bank Cusk Eel	<i>Ophidion holbrookii</i>	FF	X	X	X
Batfish spp.	Family <i>Ogcocephalidae</i>	FF		X	
Bay Anchovy	<i>Anchoa mitchilli</i>	FF	X	X	X
Bay Whiff	<i>Citharichthys spilopterus</i>	FF	X	X	X
Bayou Killifish	<i>Fundulus pulverous</i>	FF	X	X	
Beach Mole Crab	<i>Emerita talpoida</i>	INV		X	
Bearded Brotula	<i>Brotula barbata</i>	FF	X	X	
Bigeye Scad	<i>Selar crumenophthalmus</i>	FF	X		
Bigeye Searobin	<i>Prionotus longispinosus</i>	FF	X	X	X
Bighead Searobin	<i>Prionotus tribulus</i>	FF	X	X	X
Bigmouth Buffalo	<i>Ictiobus cyprinellus</i>	FW			X
Bigmouth Sleeper	<i>Gobiomorus dormitor</i>	FW	X		X
Black Crappie	<i>Pomoxis nigromaculatus</i>	FW		X	
Black Drum	<i>Pogonias cromis</i>	FF	X	X	X
Blackcheek Tonguefish	<i>Symphurus Plagiusa</i>	FF	X	X	X
Blackedge Cusk Eel	<i>Lepophidium brevibarbe</i>	FF	X	X	X
Blackwing Searobin	<i>Prionotus rubio</i>	FF	X	X	X
Blotched Cusk Eel	<i>Ophidion grayi</i>	FF		X	
Blenny Spp.	<i>Blenniiformes</i>	FF	X		
Blue Catfish	<i>Ictalurus furcatus</i>	FW	X	X	X
Blue Crab	<i>Callinectes sapidus</i>	INV	X	X	X
Blue Runner	<i>Caranx crysos</i>	FF	X	X	X
Blue Spotted Cornetfish	<i>Fistularia tabacaria</i>	FF		X	
Bluefish	<i>Pomatomus saltatrix</i>	FF	X	X	X
Bluegill	<i>Lepomis macrochirus</i>	FW	X	X	X
Bluntnose Jack	<i>Hemicaranx amblyrhynchus</i>	FF	X	X	X
Bonnethead Shark	<i>Sphyrna tiburo</i>	FF			X
Bream	<i>Lepomis Spp</i>	FW	X		
Brittle Star spp.	Class <i>Ophiuroidea</i>	INV	X		
Broad Flounder	<i>Paralichthys squamilentus</i>	FF	X	X	
Brown Rock Shrimp	<i>Sicyonia brevirostris</i>	INV			X
Brown Rangia Clam	<i>Rangia cuneata</i>	INV	X		
Brown Shrimp	<i>Farfantepenaeus aztecus</i>	INV	X	X	X
Bull Shark	<i>Carcharhinus leucas</i>	FF		X	
Butterfish	<i>Peprilus triacanthus</i>	FF	X	X	X
Cabbagehead	<i>Stomolophus meleagris</i>	INV	X		
Calico Box Crab	<i>Hepatus epheliticus</i>	INV	X	X	

Carp	<i>Cyprinus carpio</i>	FW			X
Catfish	<i>Ictalurus</i> spp.	FW			X
Chain Pipefish	<i>Syngnathus louisianae</i>	FF	X	X	X
Channel Catfish	<i>Ictalurus Punctatus</i>	FW	X		X
Clown Goby	<i>Microgobius gulosus</i>	FF	X	X	X
Clupeids	Family <i>Clupeidae</i>	FF			X
Coarsehead Ladycrab	<i>Ovalipes</i> spp.	INV		X	
Cobia	<i>Rachycentron canadum</i>	FF	X	X	X
Code Goby	<i>Gobiosoma robustum</i>	FF			X
Conrads False Mussel	<i>Congerius leucophaeta</i>	INV		X	
Cownose Ray	<i>Rhinoptera bonasus</i>	FF	X	X	X
Crab spp.	<i>Petrolisthes</i> spp.	INV	X	X	X
Crappie	<i>Pomoxis</i> spp.	FW			X
Crawfish	<i>Cambarus</i> spp.	INV	X		X
Crested Blenny	<i>Hypleurochilus geminatus</i>	FF	X	X	X
Crested Cusk Eel	<i>Ophidion welshi</i>	FF		X	X
Crevalle Jack	<i>Caranx hippos</i>	FF	X	X	X
Darter Goby	<i>Ctenogobius boleosoma</i>	FF	X	X	X
Delta Shrimp	<i>Palaemon longirostris</i>	INV			X
Diamond Killifish	<i>Adinia xenica</i>	FF	X	X	X
Diamondback Terrapin	<i>Malaclemys terrapin</i>	FW	X	X	X
Dollar Sunfish	<i>Lepomis marginatus</i>	FW	X		
Dusky Anchovy	<i>Anchoa lyolepis</i>	FF	X	X	X
Dusky Pipefish	<i>Syngnathus floridae</i>	FF	X		
Dwarf Sandperch	<i>Diplectrum bivittatum</i>	FF	X	X	X
Eastern Oyster	<i>Crassostrea virginica</i>	INV	X	X	X
Eel spp.	Order Anguilliformes	FF	X	X	X
Elbow Crab	<i>Paguroidea</i>	INV	X		
Emerald Sleeper	<i>Erotilis smaragdus</i>	FF	X	X	
False Arrow Crab	<i>Metoporphaphis calcarata</i>	INV		X	X
Fat Sleeper	<i>Dormitator maculatus</i>	FF	X	X	X
Feather Blenny	<i>Hypsoblennius hentzi</i>	FF	X	X	X
Flame Box Crab	<i>Calappa flammea</i>	INV	X	X	
Flathead Catfish	<i>Pylodictis olivaris</i>	FW		X	X
Florida Lady Crab	<i>Ovalipes floridanus</i>	INV	X	X	
Florida Pompano	<i>Trachinotus carolinus</i>	FF	X	X	X
Florida Stone Crab	<i>Menippe mercenaria</i>	INV	X	X	X
Flounder spp.	Order Pleuronectiformes	FF			X
Fourspot Flounder	<i>Paralichthys oblonga</i>	FF		X	
Freckled Blenny	<i>Hypsoblennius Ionthas</i>	FF	X	X	X
Freshwater Drum	<i>Aplodinotus grunniens</i>	FW	X	X	X
Freshwater Goby	<i>Gobionellus shufeldti</i>	FW	X	X	X
Frillfin Goby	<i>Bathygobius soporator</i>	FF	X		X

Fringed Flounder	<i>Etropus crossotus</i>	FF	X	X	X
Furrowed Mud Crab	<i>Panopeus occidentalis</i>	INV	X	X	X
Gafftopsail Catfish	<i>Bagre marinus</i>	FF	X	X	X
Gag	<i>Mycteroperca microlepis</i>	FF		X	
Gizzard Shad	<i>Dorosoma cepedianum</i>	FF	X	X	X
Goby spp.	Family <i>Gobiidae</i>	FF	X	X	X
Gold Brotula	<i>Gunterichthys longipenis</i>	FF	X		
Golden Coral Shrimp	<i>Stenopus scutellatus</i>	INV	X		
Golden Shiner	<i>Notemigonus crysoleucas</i>	FW	X		
Grass Shrimp	<i>Palaemonetes intermedius</i> , <i>Palaemonetes vulgaris</i>	INV		X	
Grass Shrimp spp.	<i>Palaemonetes</i> spp.	INV	X	X	X
Gray Snapper	<i>Lutjanus griseus</i>	FF	X	X	X
Gray Triggerfish	<i>Balistes capriscaus</i>	FF	X		
Great Barracuda	<i>Sphyraena barracuda</i>	FF		X	
Greater Amberjack	<i>Seriola dumerili</i>	FF			X
Green Goby	<i>Microgobius thalassinus</i>	FF	X	X	X
Green Porcelain Crab	<i>Petrolisthes armatus</i>	INV	X	X	
Green Snapping Shrimp	<i>Alpheus normanni</i>	INV	X	X	X
Green Sunfish	<i>Lepomis cyanellus</i>	FW	X		X
Guaguanche	<i>Sphyraena guachancho</i>	FF	X	X	X
Gulf Butterfish	<i>Peprilus burti</i>	FF	X	X	X
Gulf Flounder	<i>Paralichthys albigutta</i>	FF	X	X	
Gulf Hake	<i>Urophycis cirrata</i>	FF	X	X	X
Gulf Killifish	<i>Fundulus grandis</i>	FF	X	X	X
Gulf Kingfish	<i>Menticirrhus littoralis</i>	FF	X	X	X
Gulf Menhaden	<i>Brevoortia patronus</i>	FF	X	X	X
Gulf Pipefish	<i>Syngnathus scovelli</i>	FF	X	X	X
Gulf Stone Crab	<i>Menippe adina</i>	INV	X	X	X
Gulf Toadfish	<i>Opsanus beta</i>	FF	X	X	X
Harris Mud Crab	<i>Rhithropanopeus harrisii</i>	INV			X
Harvestfish	<i>Peprilus alepidotus</i>	FF	X	X	X
Herring spp.	Family <i>Clupeidae</i>	FF			X
Hogchoker	<i>Trinectes maculatus</i>	FF	X	X	X
Hooked Mussel	<i>Brachidontes recurvus</i>	INV		X	
Hybrid Sunfish	<i>Lepomis</i> Spp.	FW	X		
Inland Silverside	<i>Menidia beryllina</i>	FF	X	X	X
Inshore Lizardfish	<i>Synodus foetens</i>	FF	X	X	X
Iridescent Swimming Crab	<i>Portunus gibbesii</i>	INV	X	X	X
Irish Pompano	<i>Diapterus auratus</i>	FF		X	
Jack Spp.	Family <i>Carangidae</i>	FF			X
King Mackerel	<i>Scomberomorus cavalla</i>	FF	X	X	X
Knobbed Mud Crab	<i>Hexapanopeus paulensis</i>	INV		X	

Ladyfish	<i>Elops saurus</i>	FF	X	X	X
Lancer Stargazer	<i>Kathetostoma albigutta</i>	FF		X	
Lane Snapper	<i>Lutjanus synagris</i>	FF	X	X	X
Largemouth Bass	<i>Micropterus salmoides</i>	FW	X	X	X
Least Puffer	<i>Sphoeroides parvus</i>	FF	X	X	X
Leatherjacket	<i>Oligoplites saurus</i>	FF	X	X	X
Lesser Blue Crab	<i>Callinectes similis</i>	INV	X	X	X
Lesser Rock Shrimp	<i>Sicyonia dorsalis</i>	INV	X	X	X
Lined Seahorse	<i>Hippocampus erectus</i>	FF	X	X	X
Lined Sole	<i>Achirus lineatus</i>	FF	X	X	X
Lobate Mud Crab	<i>Eurypanopeus abbreviatus</i>	INV		X	
<i>Lobed Moon Shell</i>	<i>Neverita duplicata</i>	INV	X		
Longear Sunfish	<i>Lepomis megalotis</i>	FW		X	
Longfin Squid	<i>Doryteuthis pealeii</i>	INV	X	X	X
Longnose Anchovy	<i>Anchoa nasuta</i>	FF	X	X	X
Longnose Gar	<i>Lepisosteus osseus</i>	FW			X
Longnose Killifish	<i>Fundulus similis</i>	FF	X	X	X
Longnose Spider Crab	<i>Libinia dubia</i>	INV	X	X	X
Longwrist Hermit Crab	<i>Pagurus longicarpus</i>	INV	X	X	X
Lookdown	<i>Selene vomer</i>	FF	X	X	X
Madtoms	<i>Noturus</i> spp.	FW			X
Mantis Shrimp	<i>Squilla chydrea</i> , <i>Squilla mpusa</i>	INV	X	X	X
Marsh Killifish	<i>Fundulus confluentus</i>	FF			X
Mexican Flounder	<i>Cyclopsetta chittendeni</i>	FF	X		
Mojarra spp.	<i>Eucinostomus</i> spp.	FF		X	X
Mosquito Fish	<i>Gambusia</i> spp.	FF		X	X
Mud Crab Spp.	<i>Micropanope</i> <i>xanthiformes</i>	INV	X	X	X
Mud Shrimp	<i>Callinassa major</i>	INV		X	
Mutton Snapper	<i>Lutjanus analis</i>	FF	X		
Naked Goby	<i>Gobiosoma bosci</i>	FF	X	X	X
Net Clinger	<i>Acetes americanus</i>	INV	X	X	X
Ocellated Flounder	<i>Ancyloperetta</i> <i>quadrocellata</i>	FF	X	X	X
Octopus spp.	Order Octopoda	INV		X	
Offshore Lizardfish	<i>Synodus poeyi</i>	FF			X
Offshore Seahorse	<i>Hippocampus kelloggi</i>	FF	X		
Offshore Tonguefish	<i>Symphurus civitatus</i>	FF		X	
Orangespotted Sunfish	<i>Lepomis humilis</i>	FW	X		
Ovalipes ocellatus	<i>Ovalipes Ocellatus</i>	INV		X	
Ovalipes Spp.	<i>Ovalipes</i> spp.	INV	X	X	

Oystershell Mud Crab	<i>Panopeus simpsoni</i>	INV	X		
Paddlefish	<i>Polyodon spathula</i>	FW	X		
<i>Palaemonetes pugio</i>	<i>Palaemonetes pugio</i>	INV		X	
<i>Palaemonetes paludosus</i>	<i>Palaemonetes paludosus</i>	INV			X
Pancake Batfish	<i>Halieutichthys aculeatus</i>	FF			X
Peppermint Shrimp	<i>Lyasmata wurdemanni</i>	INV		X	
Permit	<i>Trachinotus falcatus</i>	FF	X	X	X
Pigfish	<i>Orthopristis chrysoptera</i>	FF	X	X	X
Pinfish	<i>Lagodon rhomboides</i>	FF	X	X	X
Pink Shrimp	<i>Penaeus duorarum</i>	INV	X	X	X
Pink Wormfish	<i>Microdesmus longipinnis</i>	FF	X		
Pipefish	<i>Syngnathidae</i> spp.	FF		X	X
Pirate Perch	<i>Aphredoderus sayanus</i>	FW			X
Pistol Shrimp	<i>Alpheus floridanus</i> , <i>Alpheus heterochaelis</i>	INV	X	X	X
Planehead Filefish	<i>Stephanolepis hispidus</i>	FF	X	X	X
Portly Spider Crab	<i>Libinia emarginata</i>	INV	X		X
<i>Portunus</i> spp.	<i>Portunus</i> spp.	INV	X	X	
Purse Crab	<i>Persephona punctata</i>	INV	X	X	X
Ragged Goby	<i>Bollmannia communis</i>	FF		X	
Rainwater Killifish	<i>Lucania parva</i>	FF	X	X	X
Rangia Clam	<i>Rangia</i> spp.	INV	X		
Red Drum	<i>Sciaenops ocellatus</i>	FF	X	X	X
Red Snapper	<i>Lutjanus campechanus</i>	FF		X	X
Red Swamp Crawfish	<i>Procambarus clarkii</i>	INV	X	X	
Redear Sunfish	<i>Lepomis microlophus</i>	FW	X	X	X
Redear Turtle	<i>Chrysemys scripta elegans</i>	FW		X	
Redleg Humpback Shrimp	<i>Exhippolysmata oplophoroides</i>	INV	X	X	
Redspotted Sunfish	<i>Lepomis miniatus</i>	FW		X	X
Remora	<i>Remora remora</i>	FF		X	X
River Shrimp	<i>Macrobrachium ohione</i>	INV	X	X	X
Rock Bass	<i>Ambloplites rupestris</i>	FW			X
Rock Sea Bass	<i>Centropristis philadelphica</i>	FF	X	X	X
Rock Shrimp spp.	<i>Sicyonia</i> spp.	INV	X	X	
Rough Scad	<i>Trachurus lathami</i>	FF		X	
Rough Silverside	<i>Membras martinica</i>	FF	X	X	X
Roughneck Shrimp	<i>Trachypeneus constrictus</i> , <i>Trachypeneus similis</i>	INV	X	X	X
Roughneck Shrimp spp.	<i>Trachypeneus</i> spp.	INV	X	X	X
Round Herring	<i>Etrumeus teres</i>	FF	X		
Sailfin Molly	<i>Poecilia latipinna</i>	FW	X	X	X

Saltmarsh Mud Crab	<i>Panopeus obesus</i>	INV	X		
Saltmarsh Topminnow	<i>Fundulus jenkinsi</i>	FF		X	
Sand Perch	<i>Diplectrum formosum</i>	FF	X	X	X
Sand Seatrout	<i>Cynoscion arenarius</i>	FF	X	X	X
Sargassum Shrimp	<i>Latreutes fucorum</i>	INV	X		
Sargassum Swimming Crab	<i>Portunus sayi</i>				
Sargassumfish	<i>Histrio histrio</i>	FF	X	X	
Scaled Sardine	<i>Harengula jaguana</i>	FF	X	X	X
Schoolmaster	<i>Lutjanus apodus</i>	FF		X	
Sea Catfish	<i>Arius felis</i>	FF	X	X	X
Sea Squirt	Subphylum Tunicata	INV	X		
Seabob	<i>Xiphopenaeus kroyeri</i>	INV	X	X	X
Seahorse spp.	<i>Hippocampus</i> spp.	FF	X		
Searobin spp.	<i>Prionotus</i> spp.	FF	X	X	X
Sergeant Major	<i>Abudefduf saxatilis</i>	FF	X		X
Sharksucker	<i>Echeneis naucrates</i>	FF			X
Sharptail Goby	<i>Gobionellus hastatus</i>	FF	X	X	X
Sheepshead	<i>Archosargus probatocephalus</i>	FF	X	X	X
Sheepshead Minnow	<i>Cyprinodon variegatus</i>	FF	X	X	X
Shoal Flounder	<i>Syacium gunteri</i>	FF		X	
Shortbeard Cusk Eel	<i>Lepophidium brevibarbe</i>	FF		X	
Shortnose Gar	<i>Lepisosteus platostomus</i>	FW			X
Shortwing Searobin	<i>Prionotus stearnsi</i>	FF	X		
Shrimp Eel	<i>Ophichthus gomesi</i>	FF	X	X	X
Silver Jenny	<i>Eucinostomus gula</i>	FF	X	X	X
Silver Perch	<i>Bairdiella chrysoura</i>	FF	X	X	X
Silver Seatrout	<i>Cynoscion nothus</i>	FF	X	X	X
Silverjaw Minnow	<i>Notropis buccatus</i>	FW			X
Singlespot Frogfish	<i>Antennarius radiatus</i>	FF		X	
Skilletfish	<i>Gobiesox strumosus</i>	FF	X	X	X
Skilletfish spp.	Family Gobiesocidae	FF	X	X	X
Skipjack Herring	<i>Alosa chrysochloris</i>	FF	X	X	X
Smalltooth Sawfish	<i>Pristis pectinata</i>	FF	X		
Smooth Butterfly Ray	<i>Gymnura micrura</i>	FF			X
Smooth Mud Crab	<i>Hexapanopeus angustifrons</i>	INV		X	
Smooth Puffer	<i>Lagocephalus laevigatus</i>	FF	X	X	X
Smoothhead Scorpionfish	<i>Scorpaena calcarata</i>	FF		X	
Southern Flounder	<i>Paralichthys lethostigma</i>	FF	X	X	X
Southern Hake	<i>Urophycis floridana</i>	FF	X	X	X
Southern Kingfish	<i>Menticirrhus americanus</i>	FF	X	X	X

Southern Oyster Drill	<i>Stramonita haemastoma</i>	INV	X	X	X
Southern Puffer	<i>Sphoeroides nephelus</i>	FF	X	X	X
Southern Stargazer	<i>Astroscopus graecum</i>	FF	X	X	X
Southern Stingray	<i>Dasyatis americana</i>	FF	X	X	X
Spanish Mackerel	<i>Scomberomorus maculatus</i>	FF	X	X	X
Spanish Sardine	<i>Sardinella aurita</i>	FF	X	X	X
Speckled Madtom	<i>Noturus leptacanthus</i>	FW		X	
Speckled Swimming Crab	<i>Arenaeus cribrarius</i>	INV	X	X	
Speckled Worm Eel	<i>Myrophis punctatus</i>	FF	X	X	X
Spider Crab spp.	<i>Libinia</i> spp.	INV	X	X	X
Spinner Shark	<i>Carcharhinus brevipinna</i>	FF	X		
Spinycheek Sleeper	<i>Eleotris pisonis</i>	FF		X	X
Split lure Frogfish	<i>Antennarius striatus</i>	FF	X		
Spot	<i>Leiostomus xanthurus</i>	FF	X	X	X
Spotfin Mojarra	<i>Eucinostomus argenteus</i>	FF	X	X	X
Spotted Gar	<i>Lepisosteus oculatus</i>	FW	X	X	X
Spotted Porcelain Crab	<i>Porcellana sayana</i>	INV	X	X	
Spotted Seatrout	<i>Cynoscion nebulosus</i>	FF	X	X	X
Spotted Sucker	<i>Minytrema melanops</i>	FF		X	
Spotted Whiff	<i>Citharichthys macrops</i>	FF	X	X	
Squareback Marsh Crab	<i>Armases cinereum</i>	INV	X		
Squid	<i>Loligo</i> spp.	INV	X	X	X
Squid spp.	<i>Pickfordiateuthis</i> spp.	INV	X	X	X
<i>Squilla</i> spp.	<i>Squilla</i> spp.	INV	X	X	X
Star Drum	<i>Stellifer lanceolatus</i>	FF	X	X	X
Starfish spp.	<i>Asterias</i> spp.	INV	X		
Stippled Spoon-Nose Eel	<i>Echiophis punctifer</i>	FF	X		
Stone Crab spp.	<i>Menippe</i> spp.	INV	X	X	X
Striped Anchovy	<i>Anchoa hepsetus</i>	FF	X	X	X
Striped Blenny	<i>Chasmodes bosquianus</i>	FF	X	X	X
Striped Burrfish	<i>Chilomycterus schoepfi</i>	FF	X	X	X
Striped Mullet	<i>Mugil cephalus</i>	FF	X	X	X
Striped Snapping Shrimp	<i>Alpheus ochrostriatus</i>	INV			X
Threadfin Shad	<i>Dorosoma petenense</i>	FF	X	X	X
Three-Eye Flounder	<i>Ancylosetta dilecta</i>	FF	X	X	X
Tripletail	<i>Lobotes surinamensis</i>	FF	X	X	X
Unidentified Elbow Crab	Family Parthenopidae	INV		X	X
Unidentified Mud Crab	Family Xanthidae	INV	X	X	X
Violet Goby	<i>Gobioides broussoneti</i>	FF	X	X	X

Coastal/Nearshore Impacts of *Deepwater Horizon*

Warmouth	<i>Lepomis gulosus</i>	FF		X	
White Crappie	<i>Pomoxis annularis</i>	FW		X	
White Mullet	<i>Mugil curema</i>	FF	X	X	X
White River Crawfish	<i>Procambarus blandingi</i>	INV		X	
White Shrimp	<i>Litopenaeus setiferus</i>	INV	X	X	X

Table S2. Attributes of vulnerability and resilience used to classify species evaluated relative to the *Deepwater Horizon* accident.

Attribute Number	Vulnerability to DWH	Resilience
1	Ontogenetic shifts in habitat specificity	Abundance (relative to carrying capacity, K)
2	Ability to detect and respond to (avoid) hydrocarbons	Life span
3	Site fidelity	Age at first reproduction
4	Spatial/temporal (horizontal and vertical distribution) overlap of population with toxic exposures	Frequency/timing of spawning/reproduction
5	Exposure vectors (inhalation-aspiration, ingestion, prey, dermal) relevant to species	Fecundity
6	Duration and frequency of acute/chronic exposure (persistence)	Adult dispersal/larval life span
7	Sensitive life stages present	Modularity/connectivity with other ecosystem regions
8	Detoxifying capacity and tolerance of exposure (e.g., depuration rates)	Level of population depletion and changes in density-dependent population demographics due to injury
9	Sensitivity to management interventions (moving turtle nests, cleaning birds, fishery closures)	Potential for regime shifts or alternative stable states
10	Sensitivity to oil spill countermeasures (freshwater, dispersants, sand berms, burning)	Co-varying stressors (fishing, climate change, HABS, other pollutants, pathogens)
11	Effects on trophically-linked resources	Capacity of restoration approaches (e.g. replenish stocks from hatcheries, habitat restoration) to be effective. Is this viable for population-scale questions?

12	Degree of diet specificity (e.g., is animal a specialist or generalist?)	
13	Pre-exposure condition of population (physiology/adaptability)	

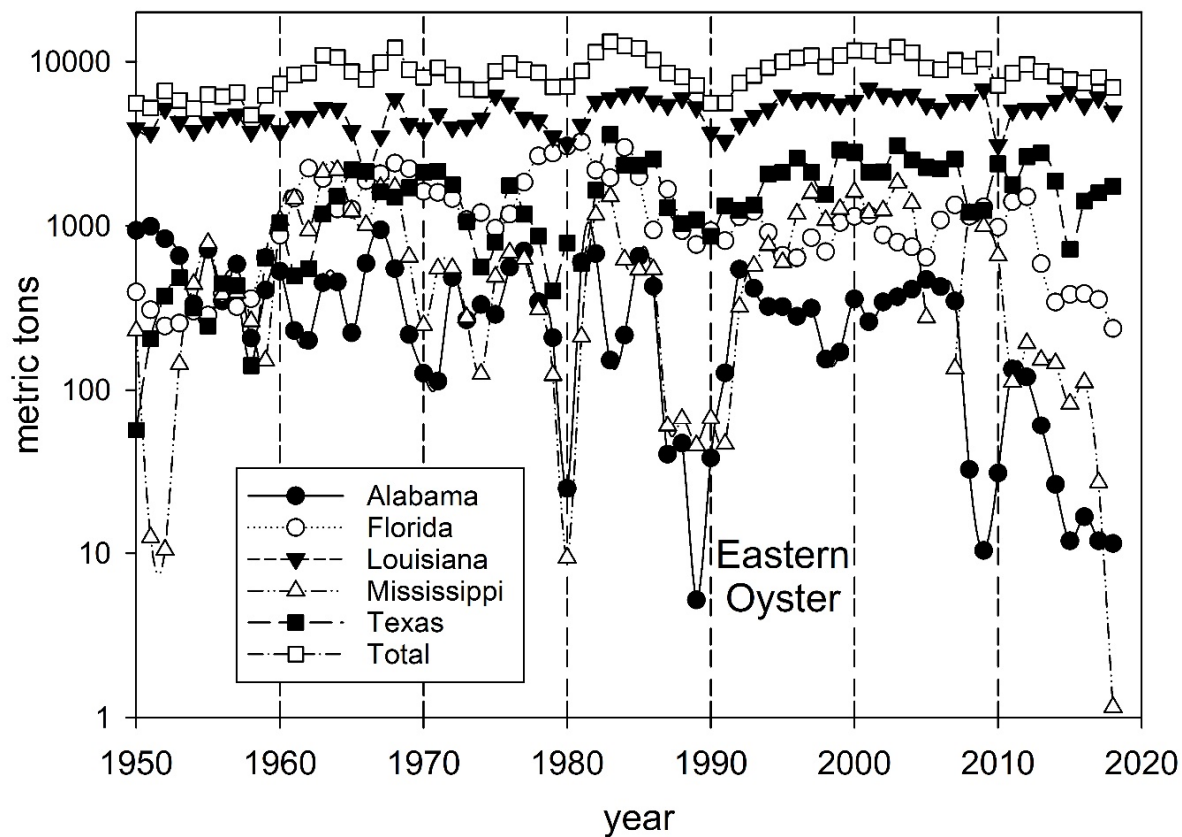


Figure S1. Reported commercial fishery landings (mt, meats) of Eastern Oyster, *Crassostrea virginica*, by state for the GoM, 1950-2018. Data are from the National Marine Fisheries Service, commercial fisheries information program: <https://www.fisheries.noaa.gov/national/sustainable-fisheries/commercial-fisheries-landings>

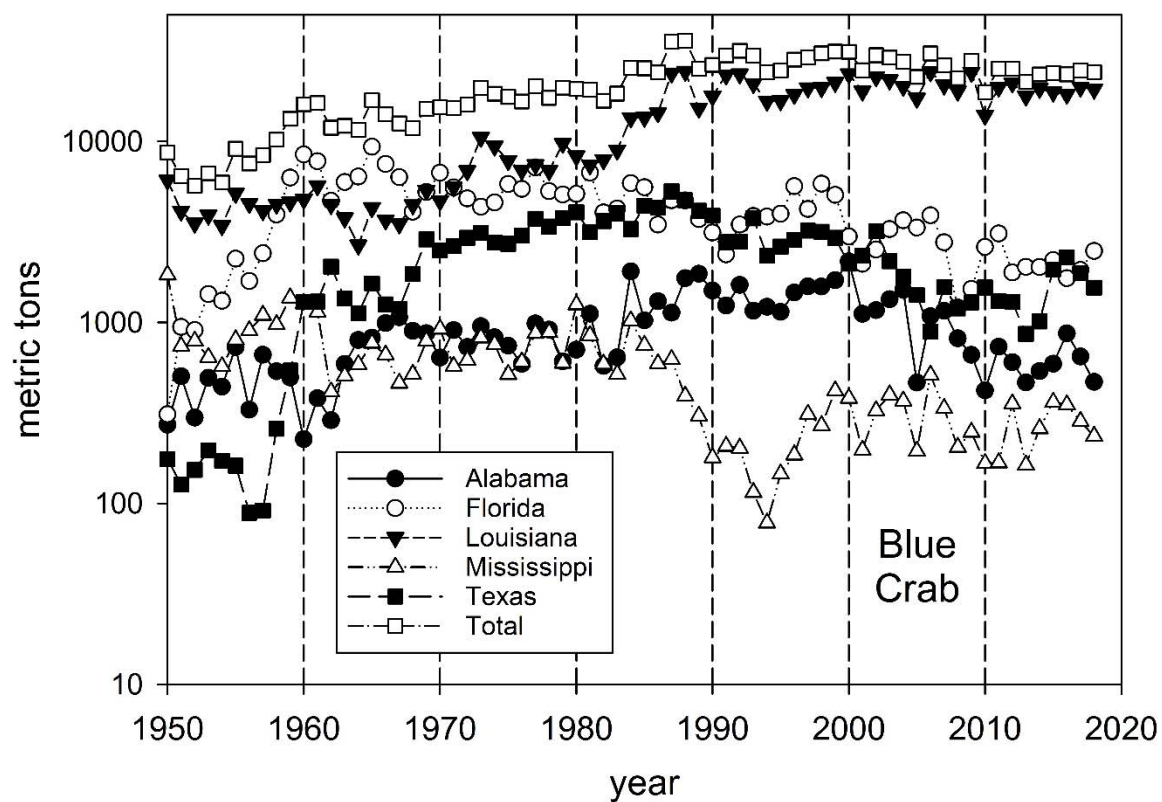


Figure S2. Reported commercial fishery landings (mt) of Blue Crab, by state for the GoM, 1950-2018. Data are from the National Marine Fisheries Service, commercial fisheries information program: <https://www.fisheries.noaa.gov/national/sustainable-fisheries/commercial-fisheries-landings>

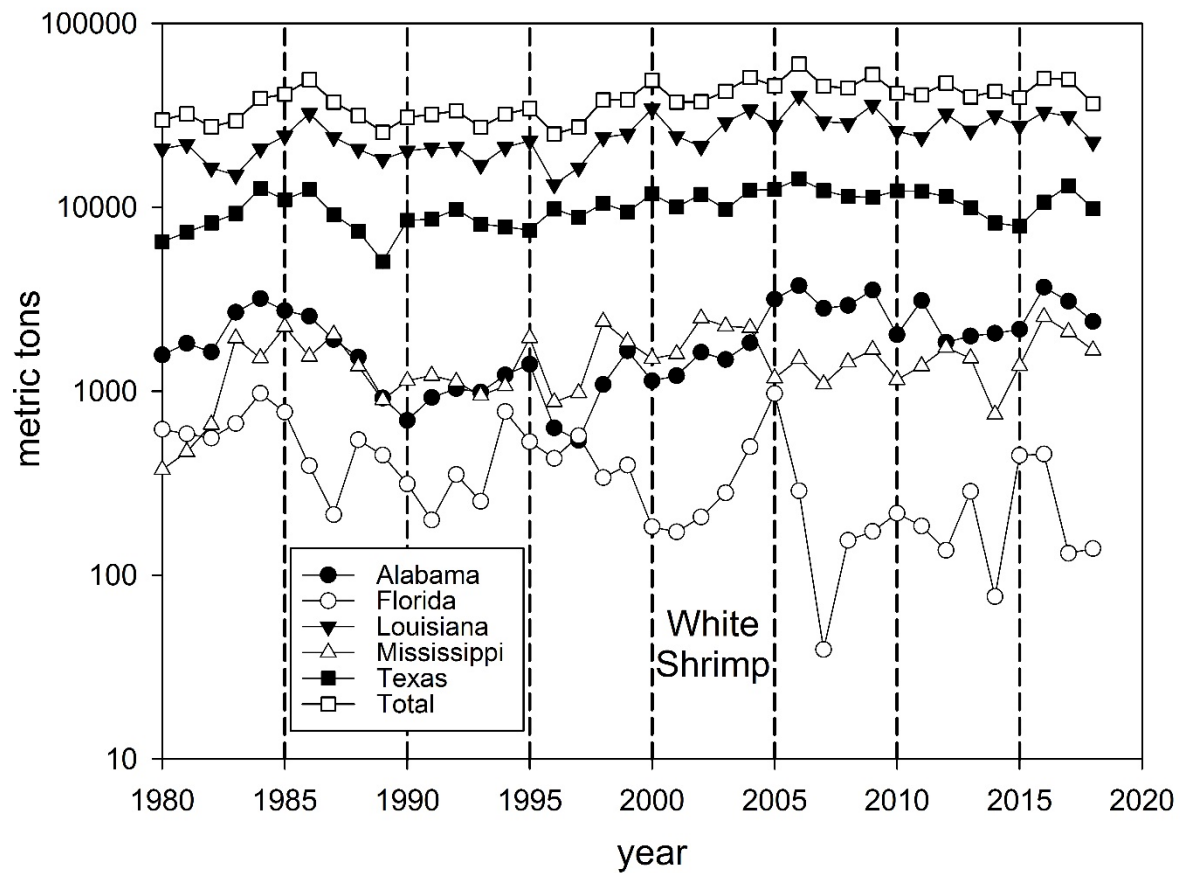


Figure S3. Reported commercial fishery landings (mt) of White Shrimp, by state for the GoM, 1950-2018. Data are from the National Marine Fisheries Service, commercial fisheries information program: <https://www.fisheries.noaa.gov/national/sustainable-fisheries/commercial-fisheries-landings>

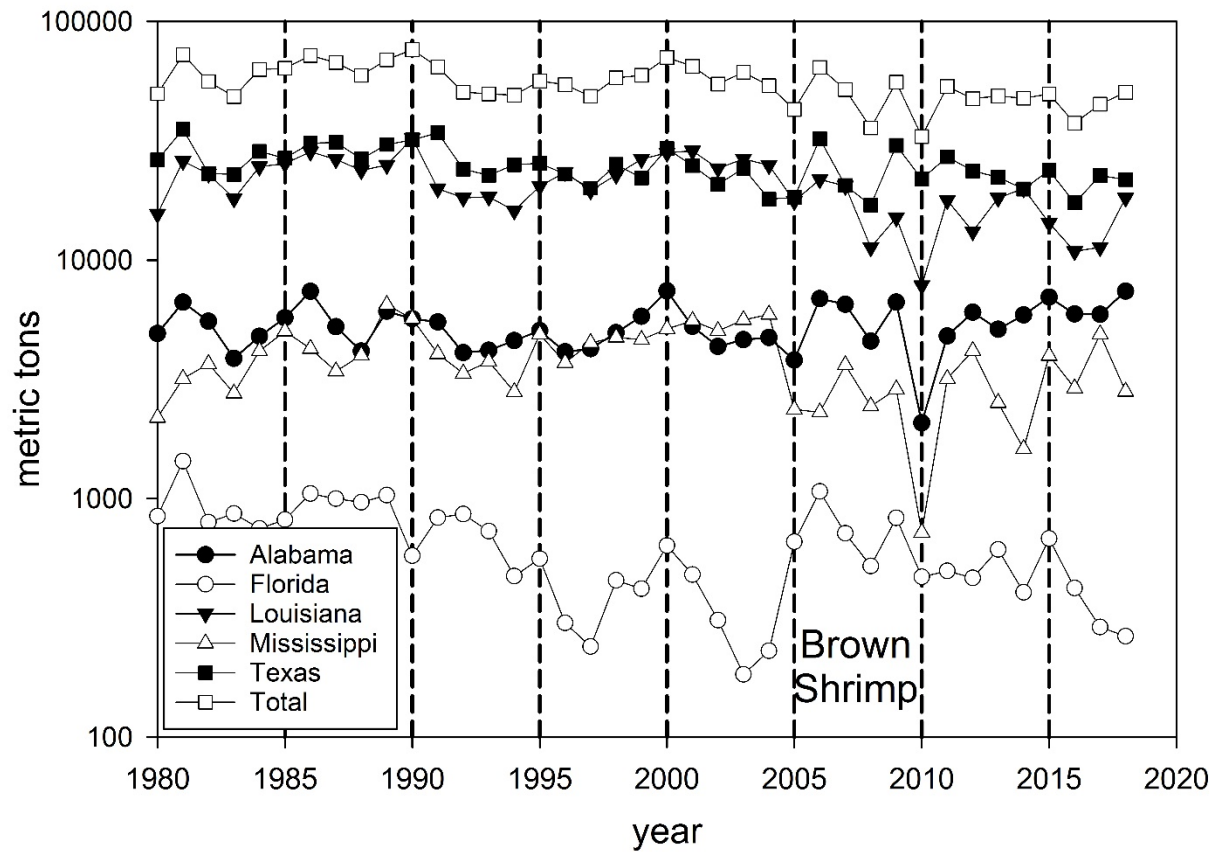


Figure S4. Reported commercial fishery landings (mt) of Brown Shrimp, by state for the GoM, 1950-2018. Data are from the National Marine Fisheries Service, commercial fisheries information program: <https://www.fisheries.noaa.gov/national/sustainable-fisheries/commercial-fisheries-landings>

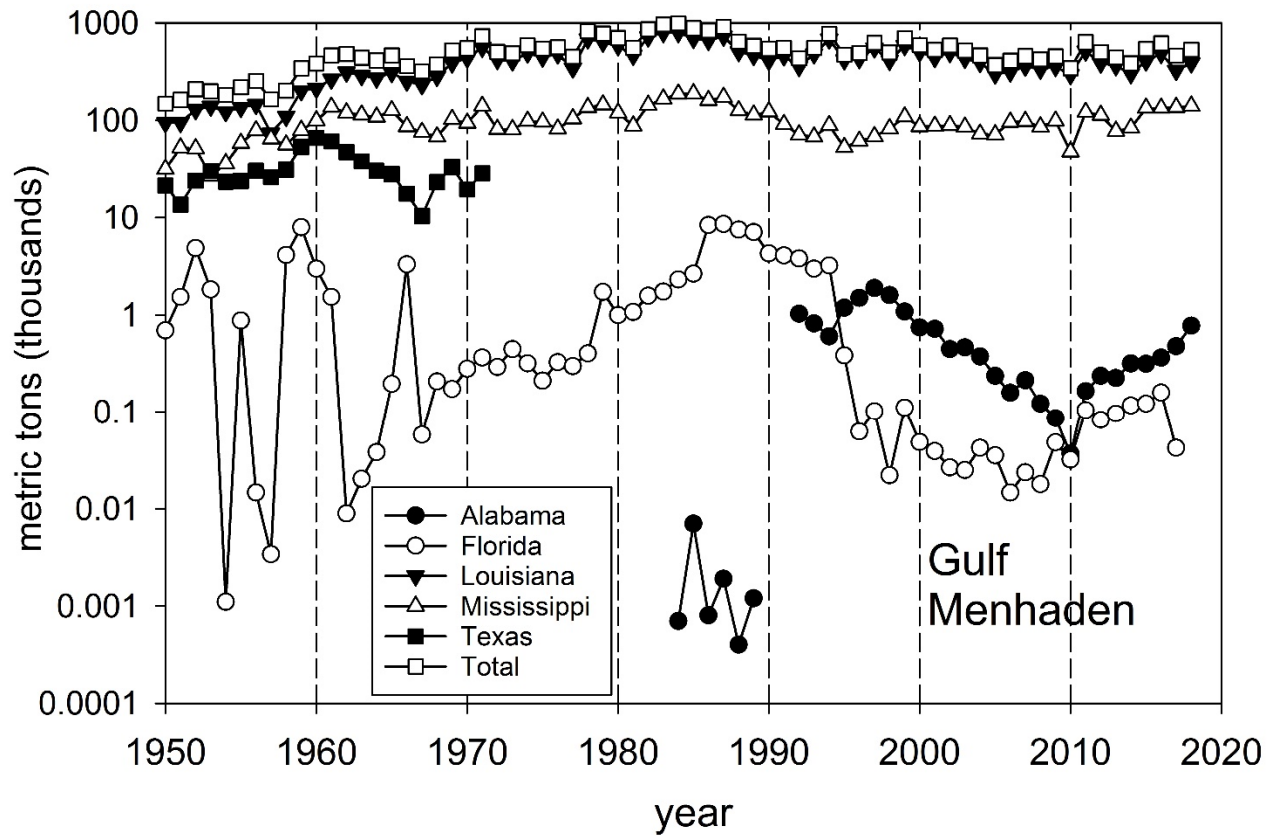


Figure S5. Reported commercial fishery landings (mt) of Gulf Menhaden, by state for the GoM, 1950-2018. Data are from the National Marine Fisheries Service, commercial fisheries information program: <https://www.fisheries.noaa.gov/national/sustainable-fisheries/commercial-fisheries-landings>

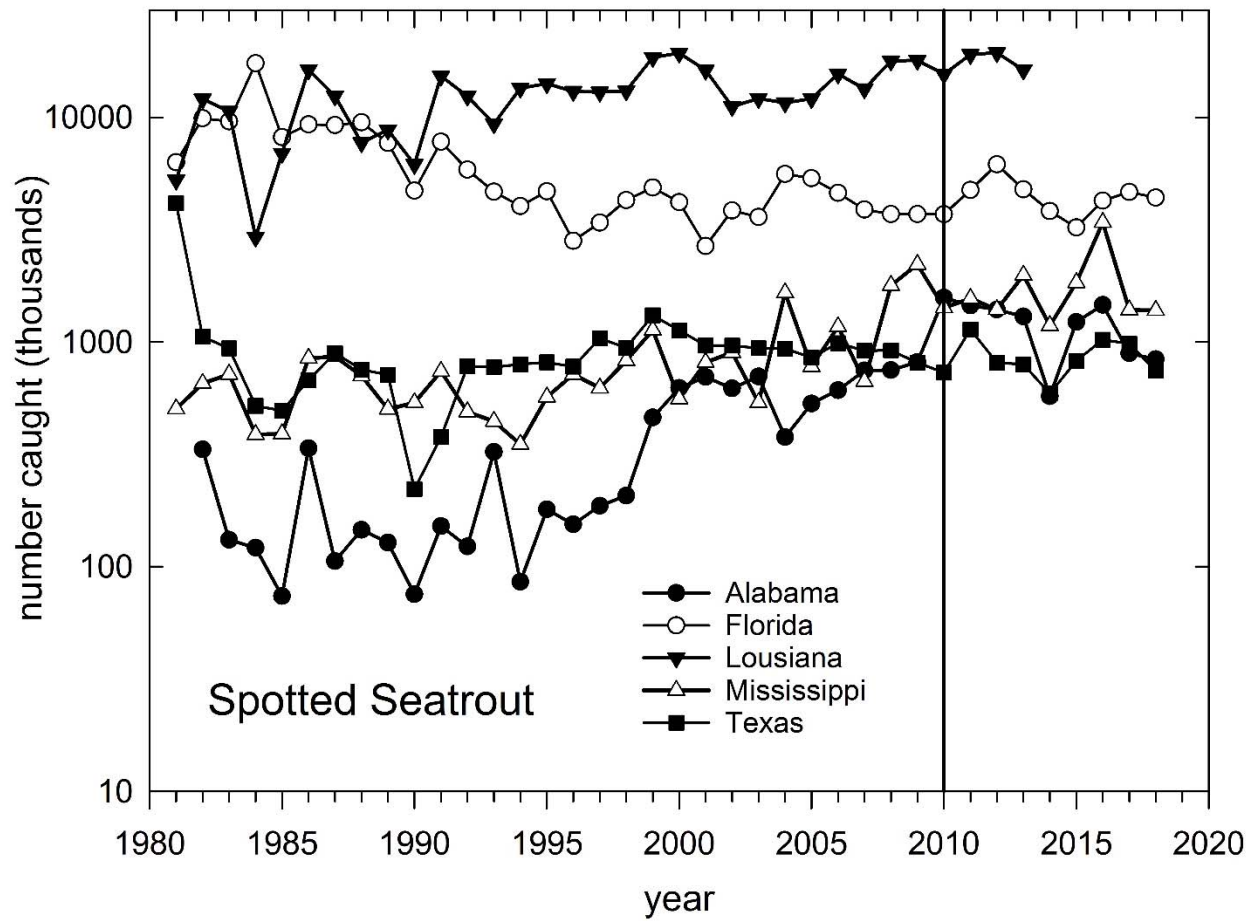


Figure S6. Recreational catches of Spotted Seatrout, by state, from the GoM, 1981-2017. Data were obtained from the National Marine Fisheries Service, Marine Recreational Information Program: <https://www.fisheries.noaa.gov/recreational-fishing-data/recreational-fishing-data-and-statistics-queries>. Data collection protocols for Louisiana changed after 2013 and are not comparable to earlier data.

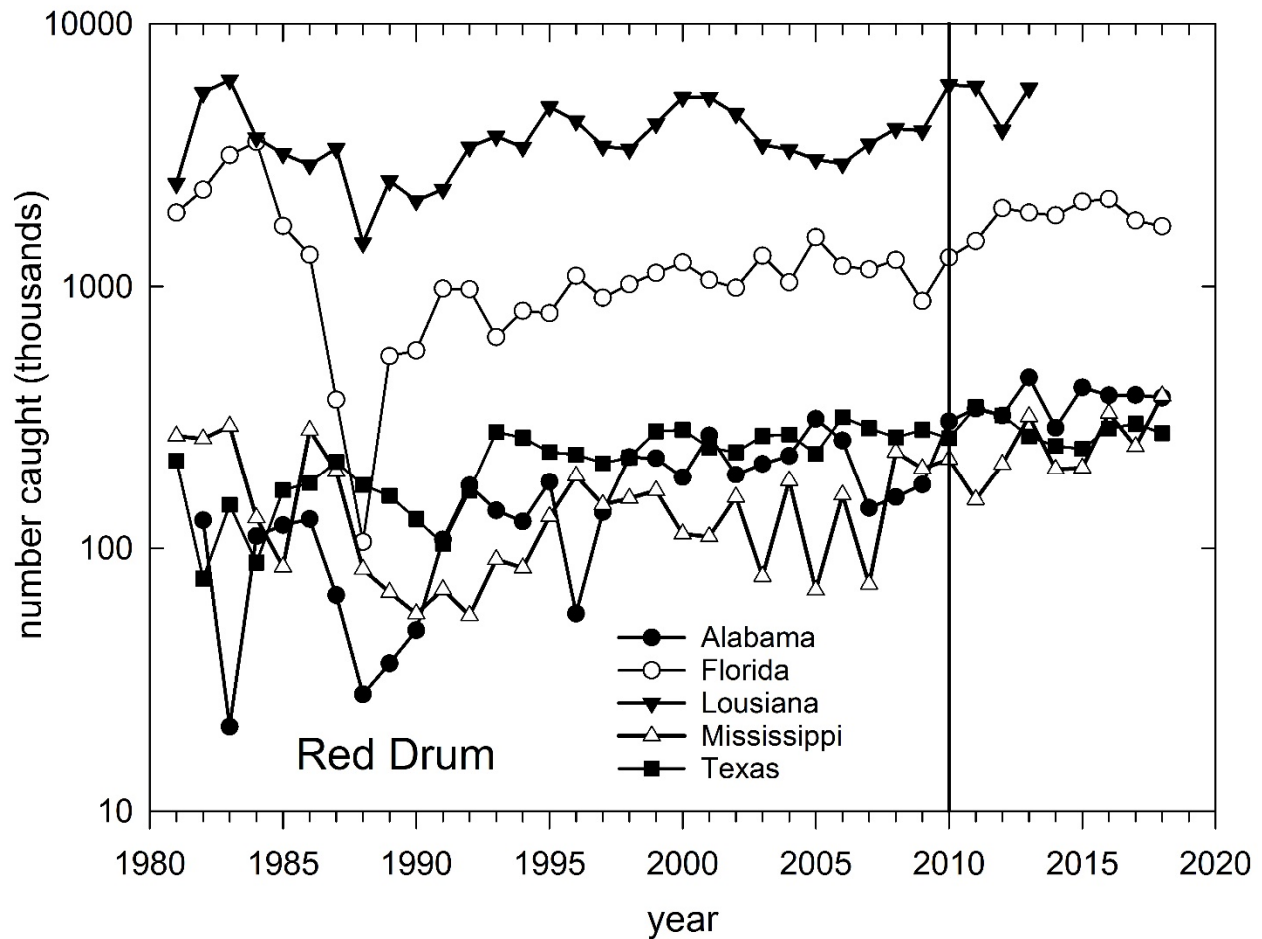


Figure S7. Recreational catches of Red Drum, by state, from the GoM, 1981-2017. Data were obtained from the National Marine Fisheries Service, Marine Recreational Information Program: <https://www.fisheries.noaa.gov/recreational-fishing-data/recreational-fishing-data-and-statistics-queries>. Data collection protocols for Louisiana changed after 2013 and are not comparable to earlier data.

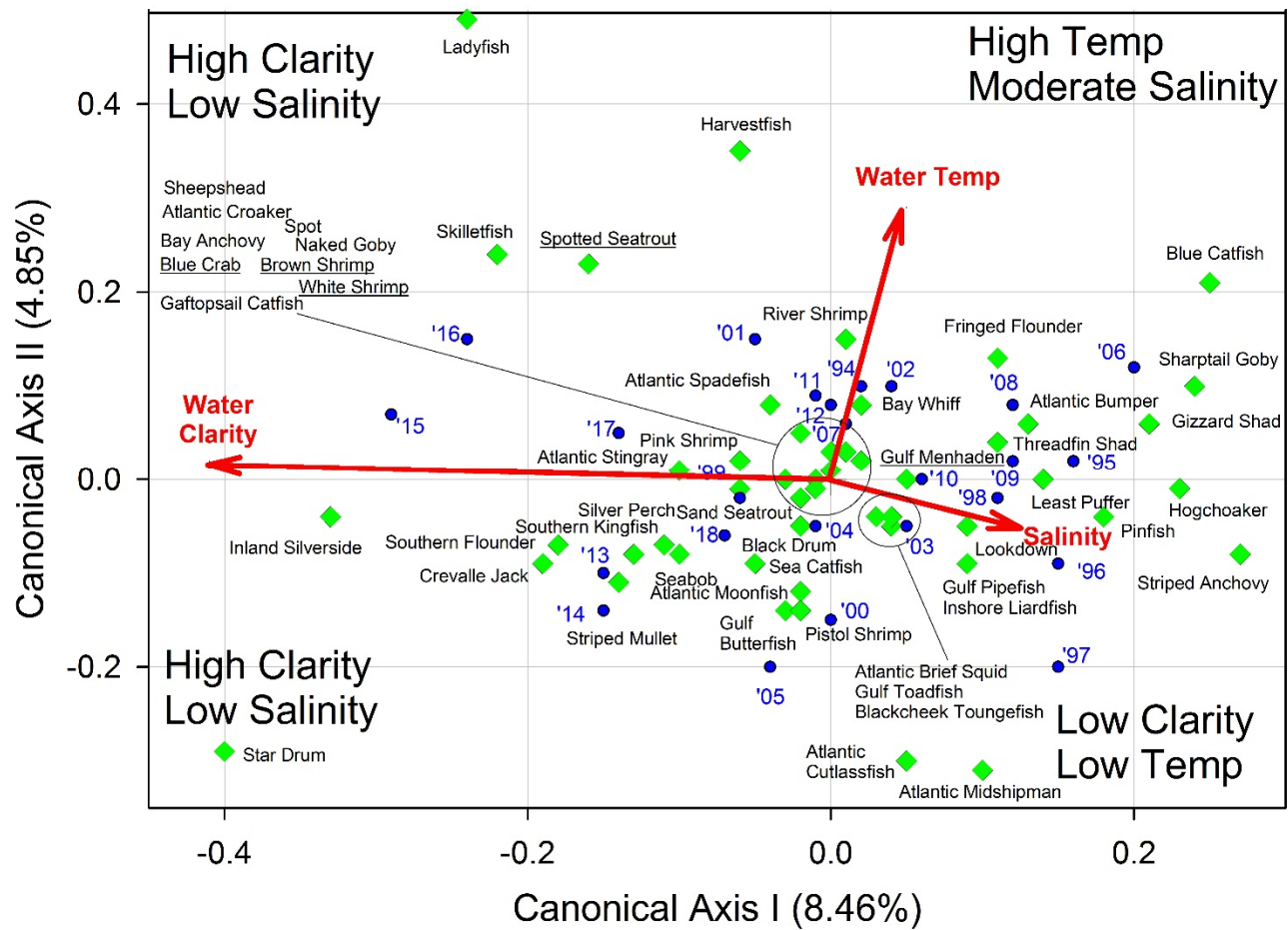


Figure S8. Results of multivariate redundancy analysis (RDA) relating three important environmental variables (salinity, water temperature and water clarity) to relative fish and invertebrate abundance in the Pontchartrain basin, 1994-2018. Blue texts are individual years. Data were analyzed from the Louisiana Department of Wildlife and Fisheries trawl surveys.

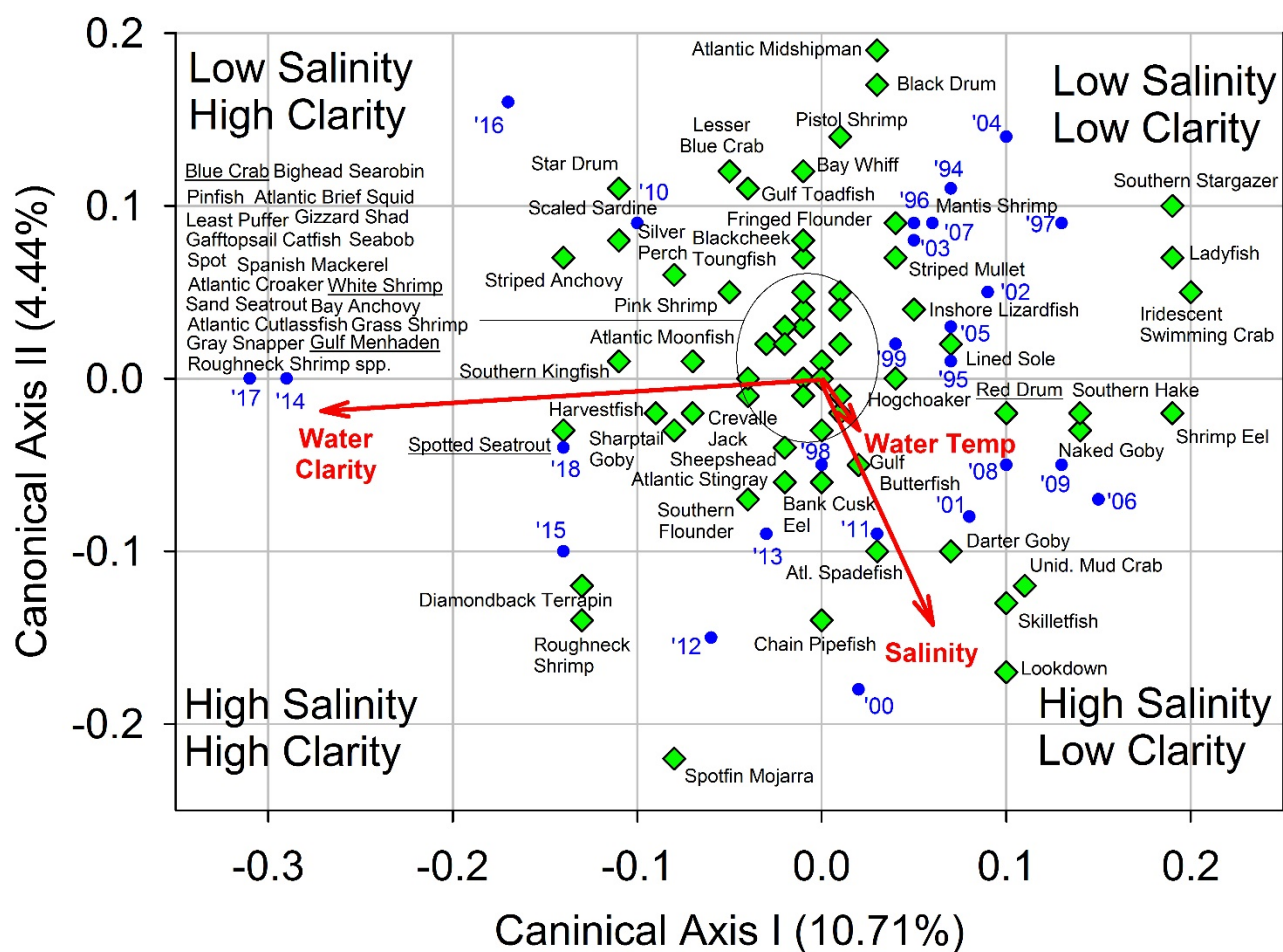


Figure S9. Results of multivariate redundancy analysis (RDA) relating three important environmental variables (salinity, water temperature and water clarity) to relative fish and invertebrate abundance in Terrebonne Bay, 1994-2018. Blue texts are individual years. Data were analyzed from the Louisiana Department of Wildlife and Fisheries trawl surveys.