LIST OF FISHES COLLECTED AND OBSERVED IN NORTH AND SOUTH CAROLINA BY THE STEAMER FISH HAWK, DURING THE WINTER OF 1890-'91.

W. C. Kendall, Naturalist.

Petromyzon concolor.

One specimen from Winyah Bay. Taken in shad net.

Mustellus hinnulus.

Many were taken by the fishermen in large seines at Cape Lookout, N. C.

Scoliodon terrae-novae.

Very common with M. hinnulus at Cape Lookout. Also caught occasionally on hand lines at other places in rivers.

Very abundant at Cape Lookout.
Dasyatis sayi.

One specimen taken at Duttany Bay Is. N. Edisto R., many at Cape Lookout, N.C.

Acipenser sturio var. oxyrhynchus?

Abundant in rivers. Fishermen take many in drift nets. Caviar is made from the roe.

Lepidosteus osseus.

Very plentiful in fresh rivers. So abundant that shad fishing is almost impossible as the gar is ruinous to the nets. Taken in South Edisto R and Winyah Bay.

Amia calva.

Abundant in the vicinity of Georgetown, S. C.

Amiurus platycephalus.

Taken in Sampit river at Georgetown. Stomach full of filth.
Hybognathus mucialis,

Taken in numbers in the Sampit R. at
Georgetown, S. C., December 20, 1890.

Clupea sapidissima.

Taken in the South Edisto River and Winyah Bay, February 28th and March 31, respectively.

Opisthonema thissa?

Young found plentifully at Chisholm's Id.
Coosaw River.

Clupea mediocus

South Edisto R. and Winyah Bay with C. sapidissima.

Brevortia tyrannus.

South Edisto R. February 28. Winyah Bay March 31. In both localities the fish were affected with the parasite Cymothoa praegustator and a ?nnaean.

Stolephorus Mitchellii.
Stolephorus mitchelli.

Tybee Roads, Ga., March 15, 1891; Morehead City, N. C., February 21, 1891.

Not very abundant.

Fundulus majalis.

North Island, Winyah Bay, January 16, '91;

Tybee Roads, Ga., March 15, 1891;

Skull Creek, S. C.

Fundulus heteroclitus.

North Island, Winyah Bay, January 6, 1891; plentiful. Tybee Roads, Ga., March 15, 1891; Skull Creek, Edisto Island, March 3, 1891; Ashley River, Coosaw River, February 19. This seems to be the most abundant species of Cyprinodont in this region.

Cyprinodon variegatus.

N. Island, Winyah Bay, January 6, 1891.

A few small ones taken.
Lucania parva.

North Island, Winyah Bay, January 6, 1891;

plentiful at this place.

Malvinesia latipinna.

A few found at North Island, Winyah Bay

and at Edisto Island, March 3, 1891.

Gambusia patruellis.

Lady's Island, North Island, Edisto Island

Escox reticulatis.

Said to be abundant in the Pee Dee River.

Saw a few at this place.

Anguilla rostrata.

Small ones taken at Georgetown, December

20, 1890 and at Georgetown Light,

Winyah Bay.

Siphonostoma louisianae.

Winyah Bay, Feb. 29, 1891. Morehead

City, N. C., April 7, 1891.
Mugil cephalus.

Winyah Bay and Sampit River, very abundant. Few taken December 20, 1890. Many about four inches long.

Querimana gyrans.

Very abundant in Winyah Bay in January '91. Few taken all along the coast later in the season.

Menidia notata.

Abundant all along the coast all winter. Spawning females taken April 7, 1891, at Morehead City, N. C. No males observed here.

Menidia laciniata.

Taken April 7, 1891 at Morehead City, N. C. This species seemed to be all males, associated with M. notata which so far as were observed were all females.

Menidia peninsulae.

Taken at Georgetown, December 20, 1890.
Trichiurus lepturus.
One taken at Hatteras Inlet.

Porostomus saltatrix.
Very many small ones taken in large seines at Cape Lookout, N. C., April 6, '91.

Stromateus triacanthus.
Hatteras Inlet, N. C.  Fort Macon, N. C.

Chaenobryttus gulosus.
Pee Dee River, December 31, 1890.

Lepomis pallidus.
Abundant in Pee Dee River. Taken Dec. 31, 1890.

Lepomis gibbosus.
Pee Dee River, December 31, 1890.

Micropterus salmoides.
Abundant Pee Dee River.

Morone americana.
Pee Dee River, Dec. 31, 1890, Sampit R.
December 20, 1890.
Serranus atrarius.
Whale Branch, S. C.

Logodon rhomboides.
very plentiful at Morehead City, Apr. 7, 91.

Pogonia chromis.
Young taken at Tybee Roads, very plentiful.

Pairedella chrysura.
Tybee Roads—abundant. Morehead City, few, April 7, 1891.

Sciella ocellata.
Abundant all along the coast.

Liostoma xanthurus.
Abundant all along the coast. Young taken at Morehead City, April 7, '91.

Monticirrus alburnus.
Hatteras Inlet. Cape Lookout.
Gynosción regale.

Common at Cape Lookout. Caught there in large seines in large quantities. This species here seems to take the place of the C. maculatum of farther south, although both species are found all along the coast.

Astroscopus anoplus.

Chisholms Island, Coosaw River, Feb. 18, ’91
North Island, Winyah Bay, Jan. 6, ’91
Coosaw River, February 18, ’91. Not uncommon. All young.

Gobius paleosoma.

Sampit River, Dec. 20, 1890; Winyah Bay, December 31, 1890.

Gobiosoma boscii.

Charleston Harbor, Skull Creek, May R.
Jericho Creek, Port Royal Island.
Parrot Creek, Abundant everywhere.

Priocotus
Prionotus tribulus.


Gobiosox strumosus.

Cooper R. North Island. Not uncommon.

Patrachus tau.

Abundant everywhere. Young taken in quantities during whole season.

Chasmodes bosquannus.

Jericho Creek, Port Royal Island. Not at all rare.

Isethes hentzi.

Jericho Creek, Station 1657. Saw Mill Creek. Common.

Phycis carllii.

One found on beach at Hatteras Inlet.

Phycis regius.

Tybee Roads, young; North Island, young; Charleston Harbor, young.
Paralichthys dentatus.

Winyah Bay, Charleston Harbor.

Paralichthys albigutta.

Winyah Bay.

Paralichthys lethostigma.

Coosaw River, Parrot Creek ?.

Etropus crossoptus.

Coosaw River, February 18, 1891. Parrot Creek, Callabogue Sound, and other places. Not rare.

Ancylopsetta quadrocallata.


Achirus fasciatus.

Charleston Harbor. Abundant.

Aphoristia plagiosa.

Abundant everywhere.

Chilomycterus geometricus.

Morehead City; Cape Lookout; very common.