Herring Fishery Figures Importantly General Assemblyman Looks In Economy of Albemarle Sound Area After Fisheries Interests Afte

and its tributaries, the farmer-fisherman in a little while will be hauling out his nets to prepare them for the coming (The herring season. It is his tradition and his heritage. Formerly every farm near these waters had its nets; and many of them had their shore seines, for the herring was an important item to the dwellers of the

part meat supply for the year. The fish was eaten fresh when the run

Today the farmer does not seek them for his own table so much as he does for the packing houses which largely depend upon him

for their supply.

The first herring appearing in the waters of the Albemarle are strays which come in scattered numbers during February and early March. The real run starts in late March and late March and consists of what the fishermen call "branch," or "goggle-eye" herring and what the scientists call by the jaw-breaking name of Pomolobus pseudoharen-

gus.

These "forerunners," so called because they come just before the shad run, come in large numbers but remain only a short time. They are followed by the so-called "glut," "blueback," or "school her-ring." This fish is really the backbone of the fishery and accounts for the larger percentage of the annual six and a half million pound catch

While herring appear in num bers in most of the coastal rivers of the state, there is no regularly established fishery for them except in the Albemarle Sound and rivers which empty into it. merly the Roanoke River contributed heavily to the annual catch, but in late years the fish-eries on this river, except near the mouth, have supplied little of commercial catch. Only one large seine at Jamesville now operates on this river. Albemarle Sound and the Chowan River supply the bulk of the commercial

Before the turn of the century the Albemarle Sound and its riv ers were the most important fish-ing waters of North Carolina. This well-earned reputation was due to the great shad and herring fish which have always existed

The earliest written records of the state speak of the herring of the Chowan region. Heriot, our earliest chronicler, tells of the great hordes of herring and their huge size, reporting some of them to be 2 feet long. be 2 feet long.

While it is likely that he con-

fused the herring with the shad, there is no question about the enormous numbers of herring

Albemarle country, and far inland on the river bottom farms. Man depended upon the herring as a leggs. It is on the upstream route leggs. when the choicest herring are tak fish was eaten fresh when the run was on. Salted, they provided food for the long winter months.

Today the former does not read the first time they are plump and fat, the roe full, and fishermen by the hundreds seek them

> The supply of herring seems imitless. While from time to time we hear fears expressed that the herring will be exterminated by mies compared to the seines the fishery, these fears are not yesterday.
>
> ordinarily expressed by those who Today the law limits a seine know the herring.

It is true that the herring catch varies from year to year, but or-dinarily we find these variations herring take were the result of long.
the absence of the herring.

Only two hauls a day could be

and dried for the next season. At By 6 o'clock that night the seine other times when there has been had been hauled, set and hauled a shortage of herrings for the again. The Greenfield seine, was packing houses, the shortage was the result of storms which tore up the nets and not to the absence of the herring.

From a poundage point of view the herring constitutes one of the herring in the days of these huge

the herring constitutes one of the most important fisheries of the state. In 1952 6,510,200 pounds of

has always held first place in landings; and while there has been fluctuation from year to year, the pounds landed have always exceeded the pounds landed of any other edible fin fish. The total dollar value has fluctuated great- the slaves and the master's table ly, but with the exception of a few years here and there, dollars received for this fish placed herToday there is very little indepenToday there is very little indepenring among the first five species of edible finfish landed. While the price paid the fisher-man for herring is small and is based largely on the old law of

supply and demand, the money paid them constitutes an important em constitutes an important factor in their economy. The aver age small herring fisherman will make during the three months \$250 to \$300. The catching of herring is not his full time occupa-

labor of the nearby towns. A man

Son of Marshallberg Boat Builder

Operates Seafood Firm in Morehead

Instery are considered. Some make more by fishing than by farming. (The fisheries of the Albemarle, somewhat shrunken in value so far as the state at large is concerned, are of great importance to the economy of those counties bordering the Albemarle and its feeder streams.)

There are two principal methods for catching berring, the seine and the pound net. About 94 per cent are taken by pound nets, the remainder by seines, gill nets, stake and fyke nets.

Formerly, practically all herring

more or less proportional to the fishing effort. There is no record to show that the lean years of the reputed to have been five miles

On the contrary we have seen made with this seine, since it remany years when the price of the quired so much time to set and fish dropped to such a point where it was no longer profitable to catch night and about 4 o'clock in the them; and the nets were taken in morning hauling would be started. them; and the nets were taken in morning hauling would be started and dried for the next season. At By 6 o'clock that night the seine

fish were taken valued at \$81,221. the Albemarle, taking loads of The statistical records show that among edible fin fish the herring sell, to feed labor crews, plantation slaves and to supply the morning delicacy on a well-to-do table.

Large quantities were used or owned the seines, some were used for fertilizer as well as food for

dent selling by the pound netter and small seine operator. The product is sold to the five or six pack ing plants on shore who processe herring for distribution to the markets. The plants also have their own nets and boats. It is a hectic time for the farm

ers, since the herring run comes at the season of the year when farmland has to be prepared and ermen who seek the herring. Most of them are taken by the farmers of the countryside and the casual labor of the nearby towns.

there is no question about the enormous numbers of herring may be a carpenter, but during the herring season, on good days, he herring season, on good days, he herring fishery is of short duration. While a few of the millions make their appearance in February, the real run does not start until March. By the middle of May, after great and feverish activity, the fishery is finished for another year.

Herring, in good tradution, are paid for by number of fish, not by pounds, and a packing house will buy any number from one herring to 100,000. Herring is a small fish, mot by pounds, and a packing house will buy any number from one herring to 100,000. Herring is a small fish, mot by pounds, and a packing house will buy any number from one herring to 100,000. Herring is a small fish, and take to the water. The carpenter, the herring will not stay beyond May.

The mill worker, the carpenter, the middle of May, after great and feverish activity, the fishery is finished for a definite part of their livelihood. Money derived therefrom often means an extra dilled to the brim with the herring filled to the brim with the herring of the paid for by number of fish, not by pounds, and a packing house will buy any number from one herring to 100,000. Herring is a small fish, and take to the water. The carpenter, the carpenter of the bring season, on good days, he may law and take to the water. The carpenter of the paid for by number of fish, not by pounds, and a packing house will buy any number from one herring to 100,000. Herring is a small fish, a pound, and naturally a good catch is day laborer depend upon the herring fishery for a definite part of the individual fish so the number of fish, not by pounds, and a packing house will be a few of the water. The carpenter, the carpenter of the part of the p Herring, in good tradition, are paid for by number of fish, not by

activity, the fishery is finished for another year.

The herring spends most of its life in the salt waters of the At lantic ocean. In the spring, however, this beautiful little fish comes into brackish and fresh water in great hordes. First into the brackish waters and then on up into the fresh waters and then on up into the fresh waters of the rivers.

This mass movement of millions of fish is the spawning migration.

The herring spends most of its therefrom often means an extra luxiny or two, perhaps an extra to be sampled. The number of fish in the tub is counted. The tub is counted. The tub is counted. The tub is counted. The number of tish then repeatedly filled and emptied until a given fisherman's catch is measured. The number of tubs is then multiplied by the number of sish it was determined the tub would hold and the fisherman is paid off by number of fish.

Since herring vary in size from day to day and from catch to A standard measure or tub is filled to the brim with the herring

By JOHN WAFF

Edenton, N. C.

Con a hundred farms lying close by the Albemarie Sound and its tributaries, the farmer-fisherman in a little while

Costly fish, such as shad and rock, he may average \$3,500 a year when the combined products of his spring herring fishery and fall lished in tradition, and neither the harrels and glass jars gain favor.

As the processor buys his fisherman nor the dealer would

fisherman nor the dealer would have it any other way.

Hetering are one of the few products of the waters of North Carolina which are processed before being sent on to the ultimate consumer, and the proper processing of herring is a tricky business. Although apparently simple, it is not engaged in by one who does not have the know-how.

From the boats the herring are taken in to a combination washer!

As the processor buys his fish in numbers, so the grocerman in aumbers, so the grocerman in the legislatic cured product in numbers. Rarely does he sell cured herring by the dozen or the half dozen lot.

Seventy five per cent of the cured herring produced in North Carolina are sold in North Carolina with about 25 per cent going into Virginia around the Danville taken in to a combination washer

taken in to a combination washer and scaler. This is ordinarily a re-volving drum made of wire. The portant. Seines of today are pygmies compared to the seines of tysesterday.

Today the law limits a seine to 1.000 yards, but it was nothing unusual even in the early days of this century to find many seines operating in the Albemarle region which were a mile or more long and the formers of the seines of th herring are then dressed for salt-ing. The dressed herring are transported to large vats contain-a hundred years ago.

ly tin cans, the interior of which is coated with a salt resistant ena-

There was a great demand for herring in the days of these huge seines. Some fish were sold fresh but most of the catch was salted. Wagon trains came in numbers to the Albemant. contains 120 fish. A 10-pound con-tainer carries 60 fish. The tin cans hold 250 fish, and the baskets hold tort. They are held under 15

As the processor buys his fish in numbers, so the grocerman sells his cured product in numbers. Rarely does he sell cured herring by the pound, but by the piece, by the dozen or the half dozen lot.

area and into South Carolina. The

Removed from the brine, they in a one-half saturated salt solutubs and barrels and more recent tion. Removed from the brine, the herring are cut in lengths (by ma

ly tin cans, the interior of which herring are cut in lengths (by mains coated with a salt resistant enamel. Lately, cured herrings have been put up in three-pound glass jars, four jars to the case.

The containers in which the herrings are packed for market hox with live steam playing on vary in size. There are, for instance, 50-pound containers containing 250 fish. A 20-pound pack contains 120 fish. A 10-pound containers the can.

This operation is followed by

sure at about 248 de The roe is also canned. All of

Beaufort Laboratory

fishery laboratory in a rented biological knowledge and its appiological station. The land for the

On May 26, 1902, the new labora- years to con tory building was thrown open for research. Ample space was afford-

seum occupied most of the first floor and was open to the public. Thousands of fascinated eyes

After the station was opened in gan to change. Academic problems were still being pursued in some measure and they will always have their place, but the primary endeavor of employees of the Bureau of Fisheries was, and is even more as at this time to precede more so at this time, to precede fishery conservation and develop-ment practices with scientific resulting knowledge toward the pro-per management of our fishery

One of the earliest reports issue to promote the oyster industry of led to the ways in which natural oyster reefs were formed under the conditions prevailing in this region; to the factors which one engaging in "oyster gardening" must consider; to the misfortunes and success of some who had at-tempted oyster farming; and by experimental oyster planting, to

Worked with Terrapin
A few years ago there was a
hearty demand for the meat of
diamondback terrapin and it became increasingly difficult to maintain a natural supply. Work was done at the station to deter-

heaviest sales are within, 100 to 200 miles of the coast, which prob-

quantity. the canned herring products command a market and are easily disone hundred per cent of the herposed of.

(Continued from Page 1, Section 7) [turned manyfold through increased

building in Beaufort. In 1900 Con- plication toward the advancement gress authorized the erection of a of conservation measures. Through use of modern method: present station was donated to the and the newly-acquired facilities Government by Alonzo and Nannie of the U. S. Fishery Laboratory

ed for offices, laboratories, library, and dormatory rooms. A mu-

viewed the fish, reptiles, and fish-ing equipment on display during the span of the museum's exis-It remained intact until 1950 when the present shad re-search investigation became head-quartered here and additional of-fice and library space became

1902 the "resort" atmosphere besearch and then to apply the re-

concerning investigations designed the fitness or unfitness of certain

an, a seafood wholesaler, nor a builders' supply business on the and its governing body did not improve, he would support legislated as one of the best friends the As a freshman legislator, Mr.

as both classroom teacher and principal, Mr. Collier is now engaged in the building supply business in Bayboro.

His closeness to and interest in the problems of the fishing industry result from his first-hand knowledge of its economic importance to his section and his state. In virtually all of coastal Carolina, including Mr. Collier's Pamlico County, fishing ranks second only to agriculture

Mr. Collier has represented Pam lico, the second-largest fish producing county in the state, in the last four sessions of the North Carolina General Assembly. The 1955 assembly passed a bill authorizing the governor to appoint a seven-man advisory board to gnide the policies of the Board of Conservation and Development in matters concerning commercial fishing.

The bill was introduced by Mr. Collier and is the culmination of extensive effort on his part to in-crease representation of the com-mercial fisheries in the activities of the Board which so rigidly con-Mr. Collier's concern with the

fishing industry began back in 1930 when, fresh out of the University of North Carolina, he went to Arapahoe to teach. It was in the small town on the Neuse River that he met another young teacher, Mildred Muse of Oriental, who later became Mrs. Collier. During his three years as teach-

er and two as principal, the young native of Wayne County came in-to close contact with the fisherfolk and the fishing industry of Pamlico County. An additional seven years as principal of the school in Oriental served to fur-ther indoctrinate him in the needs and problems of the industry

Three years as principal at Cres-well in Washington County took him to another fishing area of the state for still further learning.

Starts Business

Leaving the teaching profession in 1945, Mr. Collier returned to F. Thomas, parents of Alonzo F. Thomas, who until he retired in 1953, was an employee of the station.

we may look forward to a great Arapahoe to live, establishing himdeal of productive research which self in the lumber business in 1953, was an employee of the station.

we may look forward to a great Arapahoe to live, establishing himdeal of the same self in the lumber business in 1946, our fishing industry during the live same year, he was first elected Arapahoe to live, establishing himself in the lumber business in that he would give commercial any other field of interest, it's a safe bet that dynamic T. J. Collier the same year, he was first elected representative on the conservation to the state legislature, he moved board. He further promised that

industry can claim.

A man who has spent 15 years in the field of education, serving interested, education and commer-

Heads Committee

During his second term in the House, serving as chairman of the commercial fisheries committee, he first introduced the bill which was finally passed this year its first attempt at passage, the bill passed the House but never was brought up in the Senate.

In 1953, when he served as vice an of the same committee



the earnest Pamlico County businessman considered introducing bill to separate the commercial dren see little of the busy head of their family during legislative sesbill to separate the commercia Conservation and Developmen Mr. Collier felt then, and still

be sufficiently informed on all is-sues within the jurisdiction of the board-those issues include fish-

ing.
Since the only industry regulated by the board is commercial Methodist Church has found him fishing. Mr. Collier felt that placing the industry under a separate trustees and treasurer of Camp department would insure more Don-Lee, the Methodist young peo realistic regulation.

Governor Umstead disagreed, but

The appointment of Cecil Mor-ris of Atlantic and Eric Rodgers, Scotland Neck, to the board ful filled the Governor's pro Both were recommended by fisheries industry. According to Mr. Collier, relationships have improved, both as a result of these

Confidence Improves

The men in the industry, says Mr. Collier, seem to have more confidence in the state government and in the regulations governing industry than they did two years ago.

f Gehrmann Holland as fisheric

However, the lawmaker goes on even as he reiterates his confidence in the executive group of the C&D, there is no guarantee that the makeup of the board will continue to be such that it will be able to serve the best interests of he industry. Resignation or death of members can change the per

The advisory board, composed as it is of men who are thoroughly familiar with the commercial fishing interests, could, if it is used correctly, guarantee that the in-terests of the industry will be understood by the Board. But, says Mr. Collier, unless the

advisory group is used to fullest advantage, he would still be in favor of removing the fishing in-dustry from the jurisdiction of the Board of Conservation and Devel-Mr. Collier's wife and two chil-

sions, and often remark that they believe he works harder for the interests of the fishermen than for himself and his business.

Busy as he is, Mr. Collier finds time for varied civic activity. The organizer and first president of the Pamlico County Chamber of nerce, he is also a member of the Lions Club and a Mason.

However involved he may be in

CAPT. CHRIS SAYS:

For the best dog-gone NETS See my folks at

DAVIES NET CO

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BOOTS . ROPE

Morehead City, N. C.

. CHAIN

It was entirely natural that young Gordon C. Willis, son of Marshallberg boat builder Benjamin Tyler Willis, should find some sort of work connected with the sea.

The owner and manager of the Gordon C. Willis Co., Morehead City, attended public school and City, attended public school and the ocean. The company operates the control of the school.

Mr. Willis is a member of the First Methodist church, where he has served as a member of the salioper of a partyboat, Joy II.

The fresh SEA-LECT seafoods shipped by the Willis firm are caught in the waters of eastern Carolina, in the bays, sounds, and the ocean. The company operates

The owner and manager of the Gordon C. Willis Co., Morehead City, attended public school and Graham's academy in Marshaliberg. Later he was a student at the Washington Collegiate institute, Washingt

Mrs. Willis and young Gordon are members of the First Baptist church. Gordon Jr. is an Eagle Seout and is the only Scout in the