## New Fish Processing Method News of the World Developed By A&M Scientist

loosens the scales and "digests"

scale meals with a number of uses.

90 per cent protein.

Fish flour can be used for en-

Fish solubles, resulting from

of fish solubles in poultry rations

poultry feeding in the nation.

runs to new grounds.

machinery operations."

cost of \$27.86 per ton.

Meinke places the small fish in the viscera. The whole carcasses

Billions of tons of small, rough | Station, has developed a method | fish are placed in tanks with the fish, taken in nets of commercial of scaling and gutting small fish, enzyme solution which selectively shrimp and fishing boats each without the use of machinery. year, may soon be converted from one of commercial fishing's big- an enzyme solution, and, by regu- are removed and washed with wa- tal. vention announced here today.

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LUCRETIA BORGIA, hostess, says:

'Wildroot really does something for a

man's poisonality!"

Just a little bit

gest liabilities to a profitable en- lating time, temperature and enzy- ter and set aside for further proterprise—as the result of an in- me concentration, brings out fish cessing. Nothing is wasted. carcasses free of scales and vis- Formulae for the amount of Dr. W. W. Meinke, manager of cera. Only the bones and meat enzymes used, for time of "soakthe Chemurgic Laboratory of the remain on these fish; viscera and ing" and for temperature, are care-Texas Engineering Experiment scales go off into solution, the fully worked out, since differences ion of scale and bone meal, and times and temperatures for effec- no survivors. **Get WILDROOT** the former to be kept in solution tive scaling and gutting. **CREAM-OIL Charlie!** 

The new method is expected to Meinke and his staff have been be of potential economics import- the like. But, he says, the method ance in the sardine and mackerel will apply to most species of canning industry, and to open mar- small, hitherto wasted fish, and, kets for products made from the with certain refinements, should cial fishing operations in the past, erel, tuna and salmon.

in tenderizing meat. Whole small meals, fish solubles and bone and crats in Congress.



11 a.m. - 2:30 p.m.-5 p. m. - 8:30 p.m.

STATEMENT OF CONDITION OF

### **COLLEGE STATION STATE BANK**

AT CLOSE OF BUSINESS

March 12, 1959

RESOURCES

Cash	\$1,144,034.73
U.S. Government Bonds	817,731.78
Municipal Bonds	131,091.32
Stock Federal Reserve Bank	6,000.00
Loans	1,740,865.32
Banking House	38,577.00
Furniture and Fixtures	18,000.00
Other Real Estate Owned	1.00
Other Assets	1,360.00
TOTAL RESOURCES	\$3,897,661.15

### LIABILITIES

Capital Stock	\$ 100,000.00
Surplus	100,000.00
Undivided Profits	38,332.53
Deposits	3,644,498.62
Reserves	14,830.00
TOTAL LIABILITIES	\$3,897,661.15

AT YOUR RAMBLER DEALER'S

By The Associated Press

India Keeping Out of Anti-Red Revolt

NEW DELHI, India—Prime Minister Nehru told Parliament Monday India is keeping hands off the anti-Communist revolt in Tibet, and that fighting between the Red Chinese and street mobs apparently has died down in Lhasa, the capi-

His statement apparently demolished one of the last hopes of the Tibetan rebels.

Coal Mine Explosion Kills Nine

ROBBINS, Tenn.—A gas explosion ripped the interior latter to be separated for produc- in species of fish require various of a small coal mine Monday killing nine men. There were

> The blast occurred at 8:30 a.m., about a half hour after At the Chemurgic Laboratory, the men entered the mine.

It took rescue workers five hours to recover all the cut man-hour requirements in using common Gulf. species, such bodies, which were badly burned and torn. They were found plants processing fish for food, to as golden croaker, sand trout and about 4,000 feet from the mine entrance.

\* \* \* Ike Bids to Raise Unemployment Insurance

WASHINGTON—President Eisenhower renewed a bid small "waste" fish that have been have applications in processing Monday he made five years ago that the states raise the thrown over the side in commer- better fish, such as sardines, mack- amount and duration of unemployment insurance benefits.

Eisenhower made the plea at a meeting with an eight-Meinke points out that his gut- Marketable products produced in governor executive committee of the Governors Conference. ting and scaling operation works the Chemurgic Laboratory, from He reiterated his opposition to improving the jobless aid on a principle similar to that used the small fish, include fish flours program by federal legislation as advocated by some Demo-

Senate Passes Bill Helping Unemployment

richment of such human foods as WASHINGTON—The Senate passed a 3891/2-million-dolcereals. Meinke points out that for enrichment a high protein con-lar bill designated to help areas of chronic unemployment tent is desired, and that the fish with federal grants and loans Monday. It far exceeded Presiflours run as high as from 80 to dent Eisenhower's request.

The roll-call vote was 49-46. The bill now goes to the House which has conducted digestion of the viscera and soft hearings on similar legislation.

skin in the fish, have a ready market with producers of formulated poultry feeds, and are valued at Republicans freely predicted he also would veto this new verfrom \$80 to \$100 a ton. The use sion.

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### during the past ten years has been one of the biggest advancements in A&M Prof Takes Bone and scale left over from Louisiana Tour

processing have potential uses as Fred E. Smith, professor of gemineral supplments, and as protein supplements in poultry feeds.

Carcass flesh from the rough
fish is available for the cat-anddog feed industry and fee other. dog food industry, and for other trip was to collect and study the surface outcrop of the Moody's The idea of converting billions Branch Marl between the Red Rivof tons of small fish that are now er in Louisiana and the Brazozs a nuisance to commercial fishers River in Texas.

and shrimpers, into products of marketable value, has sparked more than two years research at the laboratory at College Station.

"On an events," Whick points "On an average," Meinke points of this member of the Jackson forout, "shrimpers get about six mation for his Master's thesis. They pounds of rough fish to every were accompanied by Suparb Poopound of shrimp taken in trawls. brasert, Bankok, Thailand; J. Mayo This varies, of course, from essen- Waggonner, College Station and tially pure shrimp hauls, to those Kenneth E. Davis of Waco, stuconsisting almost entirely of trash dents. fish. Depending on what comes up

### in the net, the shrimper may work the area, or have to make long Morgan To Attend "To convert the rough fish to Composition Meet

sable products will of course, be converting a big liability to an ast the Department of English, will set. The value of the rough fish attend the annual meeting of the catches will depend on a number | Conference on College Composition of factors-including such features and Communication in San Franas cost of transportation, develop- cisco, Calif., April 2-4.

ing practical icing methods, pro- The Conference on College Comcessing without the expense of big position and Communication is a branch of the National Council of Under laboratory conditions, Teachers of English. Morgan is Meinke and his staff have con- state chairman of achievement verted "waste" fish into products awards for the NCTE. with a value of \$34.76 a ton-at a

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