



RESCUED FROM ICY RIVER

Two Wichita, Kan., firemen start to pull Ronald Roberts, 21, left, from the icy waters of the Arkansas River after he broke through ice in the middle of the river while taking a short cut across. He held on to a chunk of ice for 20 minutes until firemen reached him. (AP Wirephoto)

Moore To Chair Senate Committee

Senator William T. (Bill) Moore of Bryan has been appointed chairman of the Texas Senate Committee on State Affairs by Lt. Gov. Ben Barnes. Moore was also named vice chairman of the Senate Committee on Interstate Cooperation and as a member of the Committees on Banking; Constitutional Amendments; Finance; Insurance; Jurisprudence; Legislative, Congressional and Judicial Districts; Privileges and Elections; and Water and Conservation. "I know that Senator Moore will do an outstanding job as State Affairs Committee chairman," Barnes said in announcing the appointment. "His past service to his state makes him extremely well qualified for the job, which will be of high importance as we perform the tasks of the 61st Legislature." Senator Moore served as chairman of the State Affairs Committee, which reviews much of the major legislation introduced in the Senate during the session of the Legislature, four years ago. Committees handle a large volume of the actual work load performed by the Senate. All bills introduced in the Senate are referred to an appropriate committee, which holds hearings and discussions on the proposal before making recommendations for action to the Senate as a whole. Moore, an attorney, has served in the Senate since 1949 and is the third ranking member in

seniority. Before his election to the Senate, he had served in the Texas House of Representatives. During his past service in the Senate, he has served as its President Pro Tempore and has held chairmanships of the Committee on Public Debts, Claims and Accounts; the Committee on Public Lands and Land Office; the Committee on Federal Relations; the Committee on Privileges and Elections; and the Committee on State Affairs. Moore has been instrumental in the passage of legislation dealing with public schools, teacher salaries and other benefits, modernizing the State Insurance Code, establishing standards for law schools, and strengthening fish and game laws.



SEN. MOORE

NASA Award Given To Aggie Major

A former student received an award from the National Aeronautics and Space Administration for a paper based on research conducted by the Texas Engineering Experiment Station and published as a NASA Tech Brief. Named for the honor was Richard Andrew Lejk, now serving as a major in the U. S. Air Force. Title of the Tech Brief is "Probabilistic Approach to Long Range Planning of Manpower." Notification from Ernest W. Brackett, chairman of NASA's Inventions and Contributions Board, was made to Harry E. Whitmore, head of the Space Technology Division, and Dr. A. W. Wortham, head of the Department of Industrial Engineering. Wortham, who was principal investigator of the project on probabilistic long range planning upon which Lejk's article was based, and Lejk are co-authors of two technical papers on the subject published in the Journal of the IEEE. The NASA awards are based on contribution to the state-of-the-art, proven value to the space program, and extent of secondary applications. Lejk's work was reviewed at Massachusetts Institute of Technology and Stanford University, Wortham said. Lejk attended A&M under the sponsorship of the Air Force Institute of Technology and received his Ph.D. in Statistics in 1967.

Problems Hinder Progress Of Maritime Agriculture

Pressures of a rapidly expanding human population, topped with a developing food shortage, are causing earthmen to look to the ocean as a source of nutrition—but problems exist.

On the non-agricultural side of veterinary medicine, veterinarians here are scrutinizing marine life to determine its zoonotic nature, as well as what man is going to contribute to the marine population, according to Dr. Stewart McConnell, Veterinary Medicine virology researcher.

He cited recent examples of man contracting shellfish hepatitis from eating raw oysters as an apparent result of effluence from sewage. Several cases were reported from oysters caught in the Gulf of Mexico off of Louisiana and Chesapeake Bay near Maryland.

McCONNELL said the Japanese have reported other diseases. "A good illustration," added McConnell, "is malaria in Vietnam. It was already there only it did not become evident until we put in personnel."

He emphasized "an interplay between man and marine life, and vice versa." He said this creates a problem, "if we're going to cultivate the ocean for food, recreation and desalination, among others."

McConnell is one of several persons engaged in marine research in the college. His role is that of establishing cell cultures.

"We want to establish cell lines and grow cell lines from various sources," McConnell stressed. He said as a result of collecting a cell population, he hopes to build a reservoir to study virus diseases in all cell systems.

McCONNELL'S research has already taken him, within six months, to a study of sick fish including frozen specimens.

Although literature is scarce, correspondence with a dozen countries and other marine life institutes will eventually provide a special library section on marine diseases, he said.

"We just don't know very much about it," McConnell admitted. One thing is certain, he went on, "You had better know what's there if you are going to use it for food!"

He noted that protein from fish is already used as a feed supplement for livestock, and that diseases could be transmitted to

animal as well as man. Another vet working in the joint effort with McConnell is Dr. Donald H. Lewis in microbiology. Lewis is gathering available bacteria.

"I'm interested in the status of marine animals as potential reservoirs of pathogenic bacteria," Lewis said. Small laboratory aquariums will provide observation, Lewis noted.

"Fish are just like any other animal. You can't see their diseases because they are in the ocean," added Lewis, who pointed out that although "it's not well documented, there have been signs of severe fish mortality."

One question raised, Lewis said, "Can fish be immunized?"

And, what is the physiological response? "Do fish respond to disease the same as other animals?" quizzed Lewis, who answered himself, "We don't know yet!"

Marine research is currently carried out under a \$25,000 grant, said Associate Dean Dr. F. D. Maurer in charge of research. He added several "proposals" are underway.

"We look upon it (marine research) as a major opportunity for veterinary medicine," he said. Maurer views the veterinarian as playing a primary role on the research team in marine life.

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