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R. O. Berry
... to head Wortham Foundation research

31st Firemen's School Opens Here Monday; 1,600 Expected

Berry Resigns Professorship

Dr. R. O. Berry, one of the nation's foremost authorities on physiology of reproduction in animals, will resign his professorship in the Department of Animal Husbandry, to head a cattle fertility project with the Wortham Foundation of Houston.

His resignation is effective Aug. 31.

Berry, working with B. L. Warwick, former animal geneticist with the Texas Agricultural Experiment Station, was the first scientist to successfully transfer ova in farm animals. In 1945, he made transfers of fertilized eggs in sheep and goats, which, so far as is known, was the first time an animal was produced by its host mother without carrying any of the genes from its host.

Present Work In Ova Field
At the present time, the scientist's work is in the field of ova maturation. This project has been leading to a method of fertilization and storage of bovine ova which could have a tremendous impact upon the cattle business if a successful system is developed.

To some extent, this same work will be carried on for the foundation, although major emphasis will be placed on methods of correcting fertility problems in cattle. The work will be carried on in cooperation with A&M.

Foundation Is Now
The Wortham Foundation was recently established by Mr. and Mrs. Gus S. Wortham of Houston, the purpose being to carry on educational, experimental, research, religious and charitable activities. Sterling C. Evans of Houston, a member of the A&M College System Board of Directors, is trustee of the foundation.

The cattle fertility project is the newest venture of the Foundation, and Berry will conduct his work on the Nine-Bar Ranch north of Houston. The ranch is owned by Wortham and Evans.

NTSC Graduate
Berry received his B.S. degree in 1929 at North Texas State College and his M.S. degree here in 1932. He obtained his doctorate in 1939 at John Hopkins University.

The scientist was professor of science at Blinn Junior College from 1929 to 1931 before joining the Department of Biology in 1931.

He was associate geneticist with the Texas Agricultural Experiment Station from 1936 to 1945, and a professor in the Department of

Animal Husbandry from 1945 until the present.

Society Member
He is a member of the American Society of Zoologists, American Genetics Assn., American Society of Animal Production, Society of Experimental Biology and Medicine, Phi Kappa Phi and Sigma Xi.

"We regret losing Dr. Berry," Dr. R. E. Patterson, dean of the School of Agriculture, said today. "We consider him one of the nation's outstanding animal physiologists. We are pleased, however," Patterson said, "that his work with the foundation will be in cooperation with us. We wish him all success in his new position."

Soil Workshop Now Underway, Closes Friday

The annual Soil Conservation Workshop, sponsored by the college and the Soil Conservation Service, is being held today and Friday in the Memorial Student Center.

The session is held each year to discuss the latest information and developments in soil conservation practices and programs.

Subjects to be emphasized are chemical brush control, agronomy practices, land capability and agricultural engineering practices. Attending the meeting will be officials of the SCS, the Texas Agricultural Experiment Station, Texas Agricultural Extension Service and the college.

Among the speakers will be H. N. Smith, state conservationist with the SCS at Temple, and Dr. R. E. Patterson, dean of the School of Agriculture.

Activities got underway this morning at 9.

Program co-chairmen are Jack Barton, soil and water conservation specialist with the Extension Service, and G. M. Morris, assistant state conservationist of the SCS at Temple.



Democratic Presidential Hopeful
Massachusetts Sen. John F. Kennedy prepares to address the Democratic National Nominating Convention Wednesday night after he won a first ballot victory as the party's nominee for president. Sen. Kennedy had almost twice as many votes as his nearest competitor, Texas Sen. Lyndon B. Johnson, at the conclusion of the first round of voting, 806 - 409. After the victory, the convention voted to nominate the 43-year old senator by acclamation. (See Story on This Page.)

Meteorology Starts New Research Job

Radar investigation of subtropical precipitation, on a broad scale, will get under way here Aug. 1. The research will be under the direction of Dr. Vance E. Moyer of the college's Department of Oceanography and Meteorology.

A National Science Foundation grant of \$90,200 to the A&M Research Foundation, will make possible the research, which will last for about three years.

"It may take about six years of data collection in order to achieve a satisfactory knowledge of the characteristics of the precipitation that occurs in the vicinity of College Station," Moyer says.

"Once such information has been obtained," Moyer declares, "the way will be cleared for further research on the efficacy of cloud modification techniques in increasing natural precipitation amounts, suppressing the occurrence of damaging hail and perhaps controlling the formation and dissipation of clouds and thereby to some degree the concurrent ground temperatures."

Observation Within 200 Miles
The work will involve simultaneous observation of precipitation within 200 miles of College Station by means of the presently operating radar and another of different wave length to be installed above the roof of one of the wings of Bizzell Hall adjacent to the present tower.

The two radars will be synchronized to permit the research workers to deduce the details of structure and life cycle of the observed precipitation with regard to duration, rates of vertical growth and subsidence of echo tops, rate of areal growth, highest top heights, intensity of echoes, radar reflectivity, and possible preference in geographical location of initiation of precipitation.

"The radar to be installed will be remoted so that it may be operated from a position alongside (See METEOROLOGY on Page 5)

Foreign Firemen Enrolled in School

More than 1,600 Texas out-of-state and foreign firemen are expected to begin arriving here Sunday for the 31st annual Texas Firemen's Training School which opens Monday and continues through the week until Friday, according to Henry D. Smith, chief of firemen training for the Texas Engineering Extension Service.

The school, sponsored by the State Firemen's and Fire Marshals' Assn. of Texas and conducted by the Texas Engineering Extension Service, will have more than 250 instructors and administrative personnel who will take an active part in conducting this year's school.

More than 35,000 gallons of gasoline, oil, butane and propane fuel, plus thousands of dollars worth of chemical extinguishing agents and equipment will be used during the week of training for the student firemen in 10 different courses.

Insurance Savings

The profit of the school is not limited to more lives saved and property conserved, according to Smith.

"Community savings amounting to three to five per cent key rate insurance credit will be earned by Texas cities and towns which have firemen attending the school.

Manufacturers provide modern fire fighting equipment for the school.

Attendance at the school has increased from the 196 who attended the first school to the anticipated 1,600 who will participate this year.

20 Other States
The 1,600 students, instructors, administrative staff and visitors, representing city, county, state, industrial and armed services will come from 20 states other than Texas and registrations have been received from four foreign countries.

On New Site
The school will be conducted on a new 26-acre training area, recently dedicated by A&M as "Brayton Firemen Training Field" as a memorial to the late Col. H. R. Brayton who served as director of the school from its inception (See Firemen's School on Page 4)

Englishman To Lecture Friday Night

Dr. John Sheridan will deliver a graduate lecture Friday July 15 at 8 p.m. in Room 231, Chemistry Building.

Subject of the lecture is "Some Microwave Spectroscopic Studies of Molecular Structures." The public is invited.

Sheridan is senior lecturer, Department of Chemistry, University of Birmingham, England.

He was a student of Dr. N. V. Sidgwick at Oxford from 1937-43, where he received his Master of Arts and Doctor of Philosophy degrees. Since 1945, he has been a staff member of the Department of Chemistry at Birmingham, where he is now senior lecturer in physical chemistry.

His early research involved work in the kinetics of catalytic hydrogenation and exchange reactions of acetylene and related hydrocarbons. In 1949-50 he was or leave as Research Associate with Professor Walter Gordy at Duke University.

Since that time he has continued the work he started at Duke. His main contribution has been determination of molecular structure by microwave spectroscopy of gases.

To Speak on 'Opportunities' Foundation Head Talks Here Tonight

Jacob Shapiro, director, Joe Berg Foundation, Chicago, will deliver a National Science Foundation lecture tonight at 8 p. m. in the Chemistry Building Lecture Room.

He will lecture on "Opportunities for the Brilliant Student." The public is invited.

Shapiro, a native of Columbia, Tenn., received his bachelor's degree at the Vanderbilt University and spent two years at the University of Tennessee doing graduate work. After serving as an army medic during World War II, he returned to his home town to teach chemistry and physics in high school.

During his years of high school teaching, he also taught at the Middle Tennessee State Teachers College, wrote and mimeographed a textbook for other science teachers with ill-equipped labs, outlining a course of experiments that could be performed with only \$5 worth of homemade equipment and helped his brightest students with science projects.

One of his students, Alice Dale, won the Westinghouse Talent Search Competition with a Carrell artificial heart which she built.

Entered Industry
He entered industry to direct the laboratories of a new nylon plant; however, in 1955 he set up a special after-hours program for outstanding science students at the Niles High School in Skokie, Ill., donating his services free. Later he was joined by 18 other scientists from nearby industrial-research laboratories. They met

once a week with 37 high-ability teen-agers for a 2½ hour discussion of phases of advanced science and mathematics usually reserved for university upperclassmen. As a result of the success of this program, Joe Berg founded the Joe Berg Foundation to sponsor such programs over the country, naming Shapiro director.

Traveled in 37 States
As director of the Joe Berg Foundation, Shapiro has traveled through 37 states and at the request of the North Central Association of Colleges and Secondary Schools has participated in workshops at Northwestern, Minnesota and Colorado Universities, and has addressed teachers' groups at Columbia, Stanford, University of Mississippi, Iowa State University, University of Indiana and the University of Chicago, and has spoken before the State Education Association of Mississippi, Wyoming, Arizona, Wisconsin, and the Southeast Regional Conference of the National Science Teachers Association.

He has also carried his message to such outstanding professional groups as the American Chemical Society, American Assn. for the Advancement of Science and branches of the American Society of Civil Engineers.

LBJ Loses Outin Bid

Democrats Pick Kennedy

From The Associated Press
LOS ANGELES, Calif.—True to the predictions of almost all the experts, Massachusetts Sen. John Fitzgerald Kennedy, 43, grabbed the Democratic Presidential Nomination on the first ballot Wednesday night at the Democratic National Nominating Convention in session here.

The end came for Sen. Kennedy's opponents at 11:55 Central Standard Time when Wyoming cast its 15 votes in favor of the Massachusetts solon to put him at the 765 mark, four more votes than the needed 761. The Canal Zone then cast four votes for Sen. Lyndon B. Johnson of Texas and then the District of Columbia gave Kennedy nine votes, Puerto Rico added seven more, the Virgin Islands four

more and Kansas, which had not voted in its regular place, added its 21 votes to give Sen. Kennedy 806 votes at the end of the first ballot.

Missouri quickly gained the floor and withdrew the 23 votes it had given Missouri Sen. Stuart Symington and gave them to the winning Sen. Kennedy. The Missouri delegation also moved that the victor be nominated by the convention by acclamation and Convention Chairman LeRoy Collins, governor of Florida, called for a voice vote and declared Sen. Kennedy the winner by acclamation.

Shortly afterwards the Mississippi delegation, which had given their votes to their favorite son candidate, protested to newsmen,

claiming they had tried to gain the chairman's attention to shift their votes to Sen. Johnson, but had been unable to do so. Several other complaints were

Second Session Registration Set Monday Morning

Registration for the second session of Summer School will be held Monday morning from 8 to 12 in Sbis Dining Hall.

Classes will begin Tuesday morning. Last day for enrolling will be Thursday and Friday will be the last day for dropping courses.



"Oklahoma!" Presentation
Curly, played by Charles Mitchell, left, consoles Laurey, Barbara Gibbs, during the presentation Tuesday and Wednesday nights of "Oklahoma!". Under the direction of Mrs. Billie Jean Barron, the play was produced by Dr. William Turner, Memorial Student Center musical coordinator.