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IN MEMORIAM: LOWELL F. BAILEY, 1911-1988

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Dr. Lowell F. Bailey passed away on December 5, 1988. He was a long-time member of the Arkansas Academy of Science serving as its President in 1965. He was born June 15, 1911 at Holton, Kansas. He was graduated from Southern Illinois State Teachers College in 1932 and received his Ph.D. from the University of Michigan in 1939. He then held faculty positions at the Universities of Kentucky and Tennessee before coming to the University of Arkansas where he was a Professor of Botany and Bacteriology from 1951 until he retired in 1978. He was Chairman of the department from 1963 until 1975. He was a plant physiologist with research interests in plant chemistry and growth regulators. He directed research for graduate students and taught general botany and plant physiology. He was an inspiring and innovative teacher having installed the audio-tutorial laboratory for general botany courses at the University of Arkansas.

Lowell had the greatest concern for science education in the secondary schools as well. After Sputnik was launched in 1957, he was one of the first to apply for and obtain NSF grants for Summer Science Institutes for high school teachers. Science education in Arkansas was helped tremendously by these programs. He was also a major force in the establishment and organization of science fairs for high school students and gave encouragement to the Arkansas Science Talent Search programs for high school seniors. He had a major role in keeping the Academy alive and active during slack years in the late fifties and sixties.

He was greatly concerned about environmental problems at this time and participated in national and state forums in that regard. He also encouraged pursuit of ecological studies within the department and served on the committee that developed the curriculum for the environmental science degree program at the University of Arkansas, Fayetteville.

During the many years of his tenure he personally took care of the botany greenhouse as if it was his balliwick. He put in long hours and

did not shirk from performing even menial tasks to keep it in operations when money was short and trained help unavailable. When the department was moved from Old Main to the present Science Engineering Building, he was the person most involved in the planning and construction of the new greenhouse. The result of his effort is a very fine facility which serves both teaching and research activities today. It is a fitting monument to his care and commitment of time and effort which went into it.

Lowell's life was one of total dedication having its greatest impact while he was chairman of the department. He once stated that as chairman he considered it his responsibility to provide his faculty with the most time and best facilities possible for them to pursue their teaching duties and research. So he shouldered all of the usual departmental administrative duties he could to spare his colleagues. Even so he was always ready to listen to people and help them when he could. His colleagues who knew and served with him were aware of how hard he worked, but he was such a quiet and unassuming man that many did not know the extent of his dedication. His wise counsel and commitment sustained the department and university exceedingly well during the time of rapid growth for the university in the late sixties and early seventies.

In addition to his service as department chairman, he was chairman or member of numerous university committees. He was the University's council representative to the Oak Ridge Institute of Nuclear Sciences, a fellow of the American Association for the Advancement of Science, and a member of Sigma Xi and other professional organizations.

He is survived by his wife Alice of Fayetteville, a son Jack of Madison, Wisconsin, and a brother Ralph Bailey of Haddonfield, New Jersey.