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IN MEMORIAM

PHILIP K. BATES

Editor, *Journal of Agricultural and Food Chemistry*, 1965–1982

Former Editor of *J. Agric. Food Chem.*, Philip K. Bates, died in California after a brief illness on December 21, 1993. He was 91.

Dr. Bates enjoyed a long and distinguished career. After receiving his B.S. degree in biology and public health in 1924 from the Massachusetts Institute of Technology where he had been a Saltonstall Fellow, he went on to receive a Ph.D. degree in bacteriology, also from MIT. During this time he held staff appointments at MIT, Tufts Medical and Dental School, and Boston University Medical School.

In 1928, he moved into the food science field as head of Frigidaire Corp.'s research laboratory. There he studied the effect of freezing on the survival of the bacteria of foods. Later, Bates spent some years researching vitamin products for the United Drug Co., Boston, MA, and subsequently became head of Rexall Laboratories and served as the first president of Rexall's pharmaceutical subsidiary, Riker Laboratories.

In 1952, he became General Manager of Research of Carnation Co., Van Nuys, CA. His group was involved not only in the development and nutritional evaluation of new products but also in pioneering studies on the concentration and drying of liquid foods and aseptic packaging. This research played an important part in the leading role that this company assumed in the dairy industry. It is interesting to note that, even at this time, much of this research was devoted to a study of the sources, types, and extent of pesticide residues in dairy products. One year before retiring from Carnation in 1966, he became Editor of *J. Agric. Food Chem.*

Dr. Bates was also active in many professional groups. In 1939 Dr. Bates became a charter member of the Institute of Food Technology and has held numerous sectional and national offices in that organization. Included in these offices were chairman of both the Northeast and Southern California sections, IFT Treasurer, and President for the 1954–1955 term. Dr. Bates was named an IFT Fellow in 1974 for his "efforts toward the founding and growth of the institute; for pioneer studies in low temperature food preservation; and for patient and wise counsel in the guidance of young scientists". In the American Chemical



Society Dr. Bates was a member and chairman of the ACS Committee on Frasch Foundation Awards and was an active participant in the activities of the Division of Agricultural and Food Chemistry.

Dr. Bates relinquished his duties as Editor of *J. Agric. Food Chem.* in 1982. Under his leadership this journal had become one of the leading journals in the fields of agricultural and food chemistry. The reputation which this journal continues to enjoy can be attributed in large measure to the firm and expert guidance that it received under the stewardship of Dr. Bates.

In memory of Dr. Bates the Southern California Section of the IFT has sponsored the Philip Bates Scholarship Awards. Donations for this scholarship fund may be sent to The Phil Bates Scholarship Fund, c/o Southern California IFT, P.O. Box 3724, Orange, CA 92665.

Irwin E. Finer