



## Maurice J. Tauber

October 21, 1931 – October 6, 2014

Dr. Maurice J. Tauber, an emeritus professor, Department of Entomology, Cornell University, Ithaca, NY, died Oct 6, 2014 at the age of 82. At the time of his death, Dr. Tauber was a visiting professor/scientist and associate at the UC Davis, Department of Entomology and Nematology, Davis, CA.

Dr. Tauber received his bachelor's and master's degrees at the University of Manitoba, Canada and his doctorate in entomology from the University of California, Berkeley in 1966. Dr. Tauber joined the entomology faculty in Ithaca in 1966, served as Department chair from 1981-1986, and retired in 2000. In addition to being granted emeritus status, he was also appointed as Graduate School Professor.

For nearly 50 years, Dr. Tauber shared a prolific scientific career with his wife, Dr. Catherine (Kady) Tauber, whom he met at UC Berkeley. The scope of their research embraced ecological, evolutionary, and behavioral questions, and involved both beneficial and pest species from eight insect orders. The research yielded fundamental insights into insect photoperiodism, dormancy, development, and speciation. The findings have a broad impact on applied problems, for example in the management of diverse crop production systems and natural ecosystems. Dr. Tauber published approximately 200 papers, many with Kady, in entomological journals, as well as in *Nature*, *Science*, and *Annual Reviews*. He had two papers in press, and was working on several manuscripts in the weeks before his passing. After retirement and when he became associated with UC Davis, his research emphasis shifted to the comparative biology of New World green lacewings.

He also wrote numerous book chapters, and a textbook *Seasonal Adaptations of Insects* (1986, co-authored with Kady and Dr. Sinzo Masaki of Japan). The book continues to serve as a stimulus and resource for research on insect seasonality: the underlying ecophysiological and genetic mechanisms; its role in the evolution of insect life histories and speciation; and its importance to insect pest management.

Dr. Tauber was major professor for a number of graduate students who have continued their careers in entomology, including Drs. Jim Nechols, John Obrycki, John Ruberson, Gilberto Albuquerque, Lindsey Milbrath, Yin-Fu Chang, and José I. Lopez-Arroyo. He was a dedicated mentor and enthusiastic supporter of his graduate students, as well as undergraduates who worked in the Blauvelt Lab at Cornell University. Dr. Tauber was also a willing mentor for the numerous assistant professors who joined the Cornell Entomology Department during his years as a faculty member. At UC Davis, he advised numerous graduate and undergraduate students in an informal capacity.

Dr. Tauber was a Fellow of the American Association for the Advancement of Science (AAAS), the Entomological Society of Canada, and the California Academy of Sciences. He served on the Governing Board and several editorial boards of the Entomological Society of America. For more than 20 years he was active on the editorial board of the *European Journal of Entomology*. He was also a research associate of the B.P. Bishop Museum in Honolulu, and a member of numerous scientific societies.

The International Organization of Biological Control (IOBC) recognized Dr. Tauber's work with two awards that he shared with his wife Kady: the IOBC/Nearctic Regional Section Distinguished Scientist Award (2002) and Honorary Membership – Global IOBC (2012).

Dr. Tauber is survived by his wife Kady who continues to reside in Davis, CA. He is also survived by their sons Paul and Michael and their daughter Agatha.

*Elson Shields, chair; Arthur A. Muka*