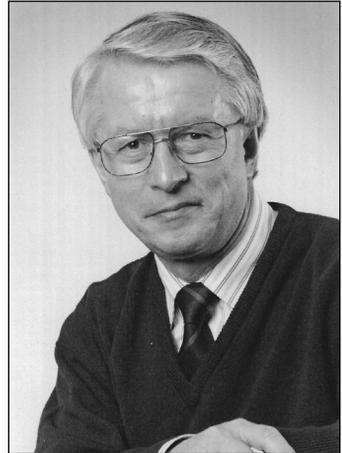


**G**eorge Hilton Gerber was born on 19 March 1942 in St. Walberg, Saskatchewan, and passed away in Winnipeg, Manitoba, on 13 January 2016.

George began his entomological career at the Saskatoon Research Station of what is now Agriculture & Agri-Food Canada. He spent three summers working there on soil insects while studying towards his Bachelor of Science in Agriculture at the University of Saskatchewan. Upon graduation in 1964, George stayed in Saskatoon, enrolled in a graduate program in biology and completed a PhD thesis in 1968 entitled: "Structure, formation, histochemistry, fate and function of the spermatophore of the caragana blister beetle, *Lytta nuttalli* Say (Coleoptera: Meloidae)." George was hired in 1969 as a scientist at the Canada Agriculture Research Institute in Belleville, Ontario, where he began a long career investigating the biology of insect pests of crops. In September 1972, George and nine of his Belleville colleagues were transferred to the Canada Agriculture Research Station in Winnipeg. He became Head of the Crop and Stored-Products Pests Section at what by then was named the Cereal Research Centre, from 1989 to 1991. George worked there until his retirement in 1996.



**George H. Gerber  
(1942 – 2016)**

From the beginning, George focussed his research on the reproductive biology of insects, particularly the morphology, histology and physiology of reproduction in Coleoptera. His first published paper grew out of a graduate course project in insect physiology on the regulation of the female reproductive cycle in *Tenebrio molitor*. His graduate research was a comprehensive description of blister beetle reproduction (*Lytta spp.*). He sometimes broadened his perspective to apply the insights from this work to insect reproduction in general, and then moved on to repeat his detailed examination on other beetle species, first *T. molitor* and then the sunflower beetle, *Zygogramma exclamationis*. The latter project was done in collaboration with G.B. Neill, the first of four graduate students George advised while an Adjunct Professor at the University of Manitoba. In recognition of his early contributions to our understanding of insect reproduction, George was presented with the C. Gordon Hewitt Award for 1981 by the Entomological Society of Canada (Bulletin of the Entomological Society of Canada **13** [1981]: 72–73).

George believed strongly that basic research provides the best foundation for effective applied entomology. So, when he was transferred to an integrated pest management group in Winnipeg in 1972, he used his knowledge of insect reproduction as the starting point for contributing to the management of insect pests of canola. To broaden his expertise in pest management, George took a transfer of work to the Institute of Animal Resource Ecology at the University of British Columbia in 1979. In Winnipeg, he began working on a little known canola pest, red turnip beetle, *Entomoscelis americana*, with investigations of egg survival, and egg and larval development. This background knowledge on the development of red turnip beetle was extended to host plant interactions. He summed up the work on the life history of this native chrysomelid in reviews and applied the insights he gained to pest management recommendations. George also contributed his knowledge of insect

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reproduction to an important canola pest, bertha armyworm, *Mamestra configurata*, and other Noctuidae. George ended his research career with a series of papers from 1995 to 1998 on *Lygus lineolaris* in canola, beginning as usual with the reproductive aspects of the pest, but moving on to host plant relations and seasonal biology.

Besides maintaining an active research career, George contributed greatly to the Entomological Societies of Manitoba and Canada. In Manitoba, George served as Regional Director for the Entomological Society of Manitoba to the Entomological Society of Canada (1974), as editor of the Manitoba Entomologist (1981), as chair of the Scientific Program Committee (1983), and as Treasurer (1987–1989), as well as on Entomological Society of Manitoba committees. At the national level, George served as Secretary of the Entomological Society of Canada (1975–1978), as chair of the By-laws, Rules and Regulations Committee for many years, as Director-at-Large (1981–1984), and as President (1994). He always took his society responsibilities seriously, and gained a reputation as the person to ask about the intricacies of society business.

After 50 years as a bachelor, George's life took on a new dimension when he and Margaret Elliott were married in 1992. He and Margaret moved into a new house together and George enjoyed establishing another garden. Only 4 years later, George retired, sooner than he wished, at the time canola research was transferred from the Cereal Research Centre to the Saskatoon Research Centre. In retirement George moved on from entomology, but maintained his interest in natural history and photographing nature. Through his whole adult life, he was an enthusiastic curler, and continued this passion to the end. He was one of the "Aggie-Row Curlers", a mix of players from the Agriculture Canada Research Station and the University of Manitoba, Faculty of Agriculture. George was one of the keenest supporters of this group almost from the time he arrived in Manitoba. His well-known organizational skills were sometimes tested, when he had to combine his enthusiasm for arriving on time at the curling rink on a Friday afternoon, with his focussed attention to detail in his research life.

Robert Lamb, Winnipeg