

(S10) **Terry D. GALLOWAY**, Department of Entomology, Faculty of Agricultural and Food Sciences, University of Manitoba, Winnipeg, Manitoba, Canada R3T 2N2. Lice (Phthiraptera) infesting Manitoba's provincial bird, the great gray owl, *Strix nebulosa*.

Sixty-seven (61.5%) of 109 Great Gray Owls salvaged from the Manitoba Wildlife Rehabilitation Organization and from Manitoba Conservation (1994-2002) were infested with *Strigiphilus remotus* at a mean intensity of 63.3 (1-867) lice per infested bird. *Kurodaia magna* infested 15 of 109 owls (12.8%) at a mean of 68.5 per infested owl (1-238). Nine birds were infested with both *S. remotus* and *K. magna*. The implications of extracting information on the ectoparasite fauna of salvaged birds will be discussed.

(S3) **John GAVLOSKI**, Manitoba Agriculture and Food, Carman, MB. Crops as new habitat for insects.

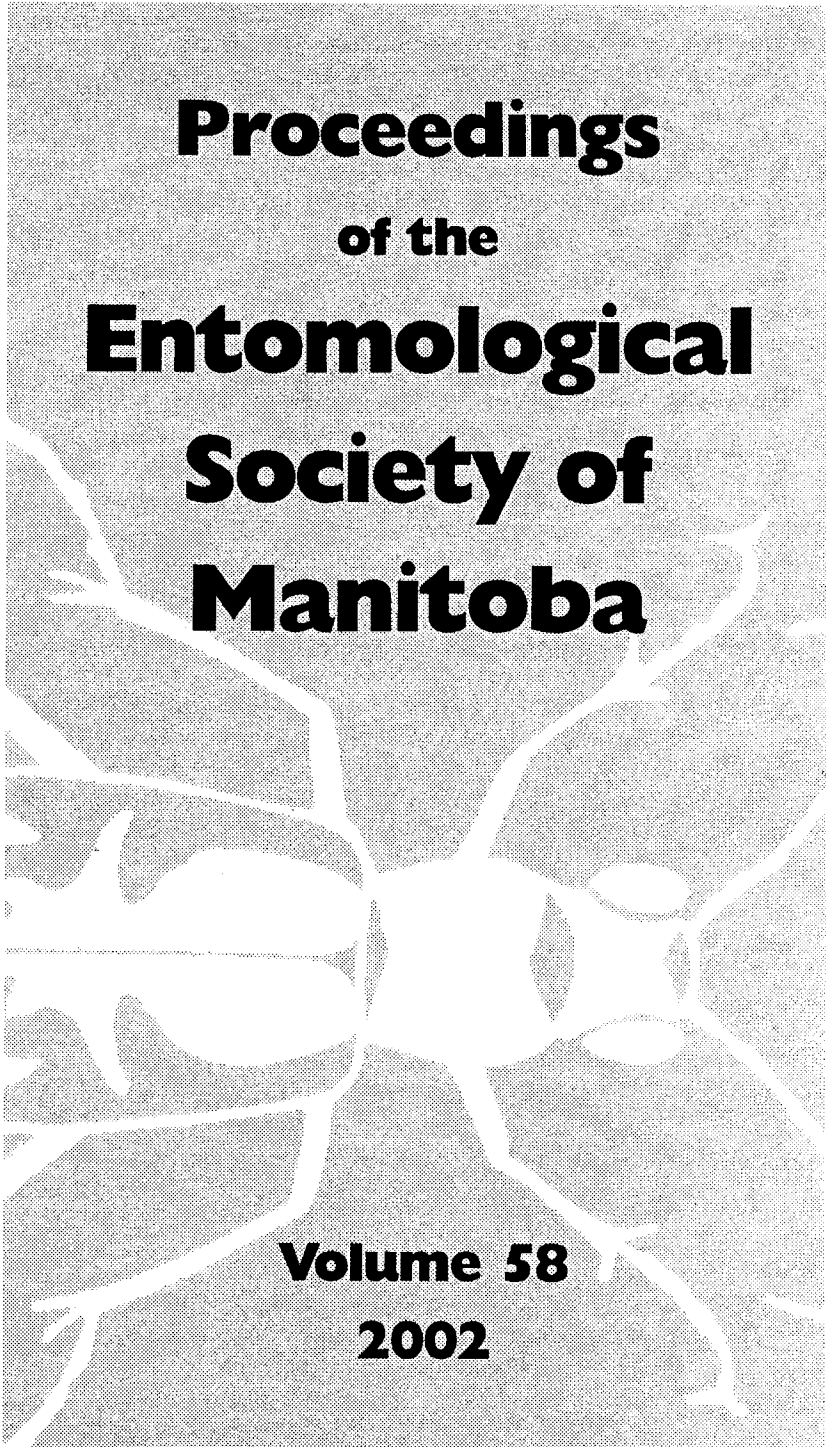
The introduction of canola (*Brassica napus* and *Brassica rapa*) into the landscape of the Canadian prairies resulted in a dramatic and quite sudden increase in the level of cruciferous plants available to herbivores. This had a substantial effect on some of the generalists herbivores and crucifer specialists that were present. This symposium demonstrates how four species of insects have and continue to respond to this relatively new habitat, which itself continues to undergo chemical and ecological modifications.

(S14) **D.J. GIBERSON**<sup>1</sup>, **Michelle Dobrin**<sup>2</sup>, <sup>1</sup>Department of Biology, University of Prince Edward Island, Charlottetown, PE, C1A 4P3 Canada. <sup>2</sup>Freshwater Institute, Fisheries and Oceans Canada, Winnipeg MB R3T 2N6 Canada. Dragonflies at the edges: studies of Odonata along the Prince Edward Island coast and some northern rivers.

Odonata were studied in PEI National Park (1997-2000) to determine species composition, phenology, and distribution. Thirty-eight species of Odonata were recorded for the park, of 60 or so known from the province. Further collections were made along two northern Canadian rivers (the Horton and the Thelon) during 2000 and 2002.

(P230) **D.J. GIBERSON**, **D. Blacquièrè**, Department of Biology, University of Prince Edward Island, Charlottetown, PE, Canada C1A 4P3. A microlimnological study of the fluid habitat of the northern pitcher plant, and relationships with its insect inhabitants.

Little information is available on the physical/chemical habitat within the purple pitcher plant and how it affects the insect inhabitants. Water chemistry and temperature were measured biweekly plus hourly (during daylight) on three sample dates, in addition to regular biological collections. All factors were extremely variable, both seasonally and diurnally.



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