



# Entomological Society of Ontario

## Newsletter

June 2002

Volume 7, Issue 2

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### 2002 ANNUAL MEETING

We are pleased to invite all entomologists and other interested people to the 139<sup>th</sup> Annual Meeting of the Entomological Society of Ontario:

#### “Invasive Species and Biodiversity”

18-20 October 2002

Embassy West Hotel and Conference Centre  
Ottawa, Ontario, Canada

The organizing committee has developed a program consisting of presentations by invited speakers, submitted talks and posters, poster and oral presentations by students competing for the ESO Presidents' Prize, and social events. A few highlights include:

#### A plenary session, with invited presentations by:

**Geoff Scudder**, Professor Emeritus, University of British Columbia, Vancouver, BC (“Impact of Invasive Species on Insect Biodiversity”);  
**Stephen Darbyshire**, Agriculture and Agri-Food Canada, Ottawa, ON (“Impact of Invasive Plants on Biodiversity”);  
**Leland Humble**, Canadian Forest Service, Victoria, BC (“Surveillance for Invasive Species”); and  
**Douglas Parker**, Canadian Food Inspection Agency, Ottawa, ON (“Regulation of Invasive Species”).

....Please see page 6 for much more on the ESO annual Meeting....

### 2002 Elections

Included with this newsletter for regular members who have paid their dues in 2002 or 2001 are two ballots and an envelope for returning these ballots to the Secretary of the ESO. The annual elections ballot contains two candidates for president, three candidates for the two director positions, and two candidates for student representative. The other ballot contains two nominees for Fellow of the ESO: Dr. W. W. (Bill) Judd and Dr. Chris Sanders. Fellows of the ESO are members or former members who have made outstanding contributions to the advancement of entomology. There are currently two Fellows of the ESO: Drs. Anthony Brown and David Pengally. Each of the nominees for Fellow shall be elected if at least two-thirds of the votes cast are in the affirmative. Unlike the regular ballot for president, directors and student representative, voters may cast affirmative votes for both nominees. Ballots will be tallied on August 01, 2002.



## ELECTION OF ESO OFFICERS, 2002

*The following are the biographies supplied by the candidates for the positions of President-Elect, Directors, and Student Representative.*

*Ballots and return envelopes are included with this newsletter.*

*Please return the ballots by 01 August so that they will be included in the election.*

### *President-Elect (select one)*

#### **Jim Corrigan**

I trained in insect ecology, biological control and parasitoid biology at the University of Guelph (BScAgr, 1980) and Rutgers University (MSc, 1988). In the early 1990's, I was part of a research team that investigated the ecology and economics of using *Trichogramma minutum* in large-scale control programs against *Choristoneura fumiferana*, the eastern spruce budworm. Later I was involved with the Ontario Biological Control Program against Purple Loosestrife (1994-98), a program I directed from 1996-98. From 1997 to 2000, I taught two senior-level undergraduate, entomology courses for the Department of Environmental Biology, University of Guelph. These courses stimulated my interest in teaching, and led to my commitment to improve my skills as an educator. I completed a BEd pro-

gram at the University of Western Ontario in the spring of 2001. I am a provincially certified teacher, accredited to teach Biology and Environmental Science at the Intermediate/Senior level. This past academic year, I returned to the Department of Environmental Biology to teach two additional senior-level undergraduate environmental science courses. I am the author or co-author of two book chapters, 17 publications in peer-reviewed journals and numerous other manuals and factsheets. I have served on the Board of Directors of the Entomological Society of Ontario (1997-99), and worked on (or Chaired) Elections, Student Affairs, and Local Arrangements Committees for the ESC and ESA. As Chair of the Public Education Committee for the ESO in 1998, I helped to arrange for the distribution of 1,000 "Ontario Insects" posters (donated by the Dept. of Environmental Biology) for display in elementary and secondary school classrooms around Ontario. On a personal level, I am a competitive curler, an enthusiastic outdoors-person and a fair-to-middling fly fisher. "Considerations of disclosure" (an honest politician??? - GRIN!) dictate that you know that I am "between engagements" professionally at the moment. However, I have no plans to leave the province, and I am confident that I would be able to carry out the responsibilities of the Presidency - come what may! My current professional goals are to integrate my

scientific and educational "sides" and I would work to foster the role of the ESO in promoting public awareness of Entomology in Ontario. With reference to the collaboration necessary to maintain an active, productive Society, I fundamentally believe in treating people with respect, and I make every effort to hear and understand the points-of-view that my colleagues bring to the table.

#### **John T. Huber**

John attended the University of Guelph for his B.Sc.(Agr.). After two years working in forest entomology in Tanzania, he returned to Guelph for his M.Sc on taxonomy of cuckoo wasps. John then spent four years in France working on biological control of weeds for the Australian CSIRO before going to the University of California for his Ph.D. on the systematics of Mymaridae. In 1988, John joined the Canadian Forest Service as a taxonomist of chalcid parasitic wasps, working at the Canadian National Collection of Insects, Ottawa. For the past 10 years he has been curator of the Hymenoptera collection there. As well as his main research interests in the taxonomy of Chalcidoidea, particularly Mymaridae, John has co-edited three books: on Hymenoptera, Chalcidoidea, and Biological Control.

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### **Student Representative (select one)**

#### **Heather Mattila**

I have recently completed my third semester of a MSc program in the Department of Environmental Biology at the University of Guelph (currently in the process of transferring to a PhD program). I have been actively involved in entomological research at the University of Guelph for the last five years. As an undergraduate student, I initiated a research project that examined the timing and rate of production of winter bees during the transition from a summer bee to a winter bee population. After graduating, I worked as a project coordinator for a two-year project, the objective of which was to test the efficacy of an essential oil miticide against pests of the honey bee. Subsequently, I moved to another two-year project that examined the non-target effects of Bt corn pollen on the monarch butterfly before returning to school. In the past year and under the supervision of Dr. Gard Otis, my graduate research has focussed on the regulatory mechanisms of winter honey bee physiology, with emphasis on the role played by protein availability.

My experiences as a student and research assistant have afforded me several opportunities to present my work at conferences within Canada and the US. I

have always enjoyed ESO conferences in the past because of the 'local' feel of the event. I attended my first meeting in 1998 (my first conference ever) and found the ESO to be an organization that genuinely desired the participation of students of every level of interest. Rather than feel intimidated as a new student of entomology, I immediately felt welcomed by the Society and its more experienced members. This is an excellent objective of the ESO because student involvement can provide a strong foundation for the present and great potential for the future. I look forward to becoming more actively involved in the ESO and am excited by the possibility of acting as Student Representative on the Board of Directors.

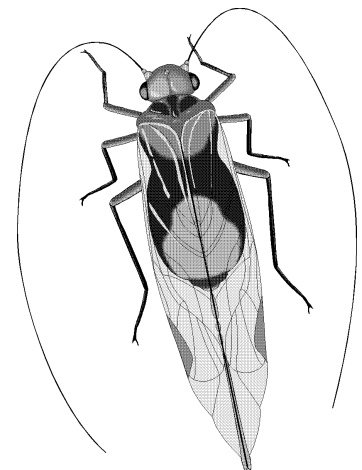
#### **Amy Rutgers**

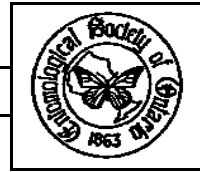
I have been interested in the area of behavioural ecology since the beginning of my undergraduate career although only in the last two years have I developed a keen interest in the field of entomology. I am fascinated by insects because they display a tremendous variety of social behaviours and because they are exceptionally abundant in ecological systems.

My fourth year honours project involved the study of a population of Greek sweat bees (*Halictus sexcinctus*) where I used DNA analysis and morphometrics to substantiate the existence of a previously unknown reproductive caste in

eusocial Hymenoptera. My MSc project, commencing in September, will be testing the hypothesis that bee populations are reliable bioindicators for ecological change and pesticide toxicology. One important objective of this study will be to establish long-term monitoring of wild bee biodiversity in the Niagara region.

My objective while serving in this society will be to increase awareness of the Entomological Society of Ontario in universities and well as the private sector and to promote the participation of undergraduates as well as graduate students. This may be achieved using written as well as electronic resources. My experience in participating in the Biological Science Departmental Meetings at Brock University afforded me the opportunity to gain experience informing peers of current issues as well as participating in matters concerning the department.





## NOMINEES FOR FELLOW OF THE ESO, 2002

*Please read the box on page one "2002 Elections" regarding the Nominees for Fellow of the ESO.*

### Dr. W.W. (Bill) Judd

W.W. (Bill) Judd was born in Nova Scotia in 1915. After working as a meteorologist for Agriculture Canada during WWII and in the Department of Zoology at McMaster University (1945-1950), he became a professor in the Department of Zoology at the University of Western Ontario (1950), a position he held until his retirement in 1980.

During his long career Bill has published over 500 popular articles and original papers. His entomological papers deal with topics ranging from descriptions of foregut morphology, ecology of gall-forming insects and other insect/plant relationships. He has published many books on nature in Ontario and in 1950 he co-authored the first edition of "A Naturalist's Guide to Ontario". Bill has written exhaustively on the fauna and flora of Sifton Bog in southwestern Ontario.

In recognition of his achievements, Bill has received conservation awards from the City of London (1996), the Ontario Heritage

Foundation (1997), as well as a Certificate of Appreciation from the ESO (1997) for his studies on the natural history of Ontario and his research into the early history of the ESO.

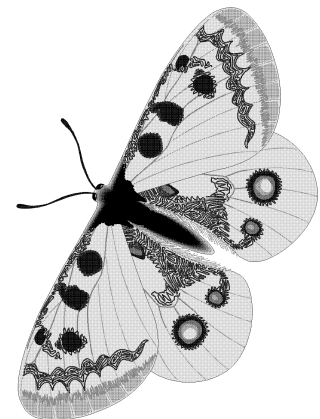
### Dr. Chris Sanders

Dr. Sanders has practiced forest entomology as a research scientist with the Canadian Forest Service in Sault Ste. Marie for 32 years. Dr. Sanders is one of those rare forest entomologists who has formal education in both entomology and forestry, graduating from Oxford University, University of New Brunswick and University of Michigan. He "retired" in 1997 but is still active as an Emeritus Scientist. He has published at least 62 refereed articles of which he is primary author in 58; 16 book chapters; 16 technical reports and given 12 key note presentations at international conferences.

Dr. Sanders' career contributions to forest entomology include many: 1) Development of sex pheromone traps for monitoring spruce budworm populations. 2) Development and coordination of a Can-Am spruce budworm monitoring program. 3) Development of geostatistical techniques for analyzing and utilizing point source data such as spruce budworm monitoring data. 4) Development of the use of spruce budworm pheromone for mating disruption.

Dr. Sanders knowledge is broad. He has studied many other forest organisms such as gypsy moth, Jack pine budworm, white pine weevil, carpenter ants and insectivorous boreal songbirds. He is an accomplished ornithologist recognizing most birds simply by a few notes of their calls. Dr. Sanders has shared his vast knowledge with students by serving as an adjunct professor at Lakehead University and University of Toronto, and as a faculty at University of New Brunswick and as a sessional instructor at Algoma University College in Sault Ste. Marie. Dr. Sanders has served on numerous committees including Director of the Entomological Society in 1994-96.

Dr. Sanders is an outstanding Ontarian entomologist meriting the title Fellow of the Entomological Society of Ontario for his many important contributions as a leading forest entomologist not only in Ontario and Canada, but internationally.





(...continued from page 1...  
*2002 Annual Meeting...*)

Other highlights of this year's meeting will include:

- Banquet speaker, T.B.A.
- A Friday evening mixer with libations and a Saturday banquet included in the meeting registration.

Full schedule and registration details and forms can be downloaded from the ESO website: ([www.utoronto.ca/forest/eso/eso/agm2002.htm](http://www.utoronto.ca/forest/eso/eso/agm2002.htm)) or contact:

Dr. B.D. Gill  
gillbd@inspection.gc.ca  
Tel: 613-759-1842  
Fax: 613-759-6938  
or

Dr. P.G. Mason  
masonp@agr.gc.ca  
Tel: 613-759-1908  
Fax: 613-759-1926

There will be ample opportunity to present your research results, in oral or poster format, in the regular submitted paper session or in the student competition. **The deadline for submission of presentations is September 2, 2002!** All forms for submitted papers can be downloaded from the website.

### Ottawa, Canada "The Nation's Capital"

Ottawa was selected as the venue for the meeting because it was our turn. The meeting will be held in the Embassy West Hotel and Conference Centre, 1400 Carling Avenue. Rooms cost \$92.00 (single occupancy) and \$102.00 (double occupancy) and include a buffet breakfast. Rooms can be booked directly with the Embassy West at 1-800-267-8696 or 613-729-4331.

Late October is a spectacularly beautiful time to visit Ottawa. Trees should be near the peak of fall colour, and temperatures can still be pleasant. One can walk to the Central Experimental Farm, through the Arboretum to Dow's Lake on the Rideau Canal. Parliament Hill is wonderful site to visit. The plethora of National Museums located in the city represent the best of Canada's history. The Byward Market in downtown Ottawa has a variety of shops and restaurants. And there are numerous other activities for people of all ages. For more details, please visit the Ottawa tourism website at ([www.Ottawa.com](http://www.Ottawa.com)).

Plan on attending the ESO Annual Meeting in Ottawa this coming October!

*Annual Meeting 2002 Organizing Committee*

### STUDENT TRAVEL GRANTS

*University and college professors and all teachers of entomology: Please inform your students of this incentive to become involved in this years annual meeting!*

Each year the Entomological Society of Ontario provides travel grants to assist students with their travel expenses. This year the ESO will award two grants of \$350.00 each based on the criteria outlined below. Student members of ESO who are presenting a poster or paper at the Annual Meeting of the Entomological Society of Ontario in Ottawa, 18—20 October, 2002 are eligible to apply. Student memberships for ESO are free but must be renewed each year.

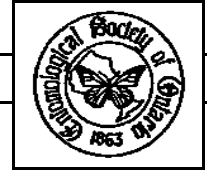
Any interested students must apply in writing stating their financial needs for attending the conference, and why they should be chosen to receive a grant. Please indicate contact information including an email address.

**Deadline for application is September 22, 2002.**

Please send application to:  
Margaret Pickles, ESO Director,  
3252 Garner Road,  
Niagara Falls, Ontario, L2E 6S4  
or email: [mpickles@sympatico.ca](mailto:mpickles@sympatico.ca)

Grant recipients will be notified the first week of October.





## Proceedings of the Entomological Society of Ontario

Volume 132 is at the printers and should be available shortly. The contents are as follows.

McCorquodale, D.B. 2002. New records and notes on previously reported species of Cerambycidae (Coleoptera) for Ontario and Canada (Received April 17 2001; Accepted July 20 2001)

Myles, T.G. 2002. Termite Extraction Devices (Received October 26 2001; Accepted March 16 2002)

MacIntyre-Allen, J.K. C.D. Scott-Dupree, J.H. Tolman, C.R. Harris and S.A. Hilton. 2002. Integrated pest management options for the control of *Acalymma vittatum* (Fabricius), the striped cucumber beetle in southwestern Ontario (Received October 15 2001; Accepted April 15 2002)

Bouchard P., K.G.A. Hamilton and T.A. Wheeler. 2002. Diversity and conservation status of prairie endemic Auchenorrhyncha (Homoptera) in alvars of the Great Lakes Region (Received November 14 2001; Accepted February 20 2002)

Paquin, P. and N. Dupérré. 2002. Annotated list of beetles found in the boreal forest of western Quebec (Received December 4 2001; Accepted March 6 2002)

Caitling, P.M. 2002. Morphological evidence for the hybrid *Enallagma ebrium x hagani* (Zygoptera: Coeagrionidae) from Ontario. (Received March 26 2001; Accepted June 26 2001)

### Book Reviews:

Frietag, R. 2002. Tiger Beetles of Alberta. Killers on the Clay, Stalkers on the Sand 2001 by John H. Acorn (Received and Accepted November 20 2001)

Bousquet, Y. 2002. Ground Beetles of Connecticut (Coleoptera: Carabidae, excluding Cicindelini): An Annotated Checklist 2001 by William L. Krinsky and Michael K. Oliver (Received and Accepted March 4 2002)

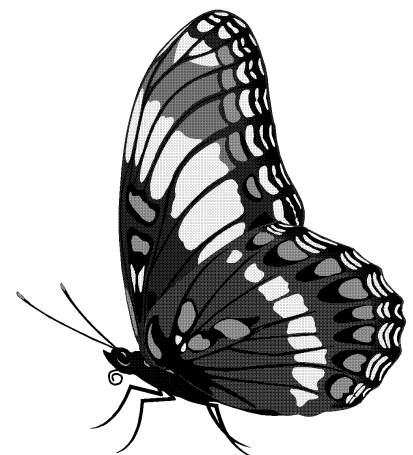
One observation is that the majority of the papers were received at the end of 2001 making it difficult to get PESO out early in the year. I encourage all members and their associates to submit their manuscripts early so we are not faced with a delay in printing. As of June 1 we only have one accepted manuscript for Volume 133 of PESO. As well, I look forward to hearing from each of you in the near future.

At our last executive meeting in April the board decided to invite an entomologist to write a review on some "hot" topic for the journal, where the page charges would be covered. If anyone has a topic and reviewer they would

like to suggest, they can contact me at Yves.Prevoست@Lakeheadu.ca. PESO is a world-class journal refereed by the same scientists who referee articles for publications of the Entomological Society of Canada and America. Have a great summer in the field and looking forward to hearing about your research in Ottawa.

Yves Prevoست Ph.D. ,  
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Chair of the Environmental Studies Program  
Editor of the Proceedings of the Entomological Society of Ontario  
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<http://www.lakeheadu.ca>  
<http://flash.lakeheadu.ca/~yprevost/yveshome.html>







## Upcoming Meetings and Events

### Joint Meeting of the Entomological Societies of Manitoba and Canada

#### “Insects and Humans: Confrontation and Coexistence”

Delta Winnipeg Hotel, Winnipeg, Manitoba, 5-9 October, 2002

<http://home.cc.umanitoba.ca/esm/meet-esc.html>

For further information:

Don Dixon

Manitoba Agriculture and Food

545 University Crescent

Winnipeg, Manitoba R3T 5S6

Tel: 204-945-3861

[Ddixon@gov.mb.ca](mailto:Ddixon@gov.mb.ca)

#### Associated meetings at ESC/ ESM JAM 2002:

**Canadian Forum for Biocontrol**  
(Wednesday, October 2)

**Agriculture and Agri-food Canada Working Group on Biocontrol**  
(Thursday, October 3)

**Western Committee on Crop Pests and Western Committee on Plant Diseases**  
(Friday, October 4)

**Western Forum and ESC Board Meeting**  
(Saturday, October 5)

#### International Union for the Study of Social Insects

Hokkaido University, Sapporo, Japan, July 28-Aug. 3.

### Entomological Society of America Golden Anniversary Meeting

November 17-20, 2002  
Fort Lauderdale, Florida

Complete details available at:

[http://www.entsoc.org/annual\\_meeting/2002/index.html](http://www.entsoc.org/annual_meeting/2002/index.html)

### The 5th International Congress of Dipterology

Brisbane, Australia, 30 September to 4 October, 2002

For more information contact  
Sally Brown, Conference Connections: [sally.brown@uq.net.au](mailto:sally.brown@uq.net.au)

<http://www.uq.edu.au/entomology/dipterol/diptconf.html>

### VIII International Colloquium of Invertebrate Pathology and Microbial Control

### VI International Conference on Bacillus thuringiensis

### XXXV Annual Meeting of the Society for Invertebrate Pathology

all at: Foz do Iguassu, Brazil  
August 18 to 23, 2002

## New Members

Welcome to our new members so far in 2002! Please encourage your colleagues and students in entomology to join the ESO. To join, visit the ESO website at <http://www.utoronto.ca/forest/eso/eso.htm> and click on 'membership'. (Student memberships are free but must be renewed each year.)

Tracy Baute  
Ridgetown, Ontario

Matt Holder  
Markham, Ontario

Jim Brett  
Guelph, Ontario

Jawad Ahmar Khawar  
Mississauga, Ontario

Pamela Dallaire  
Timmins, Ontario

Christy Kirk  
Vanier, Ontario

Julien Delisle  
Laval, Quebec

Amy Rutgers  
Beamsville, Ontario

Ryan Hall  
Everett, Ontario

Jayne Yack  
Ottawa, Ontario

## Missing Members

The February, 2002 issue of the ESO Newsletter was returned for the following members. If you know their whereabouts, please have them contact Dave Hunt to update their addresses:

Amanda Chau  
Michael Cournoyer  
Cameron Currie  
Paul McGaw  
Heather Middleton  
H.M.A. Thistlewood

