

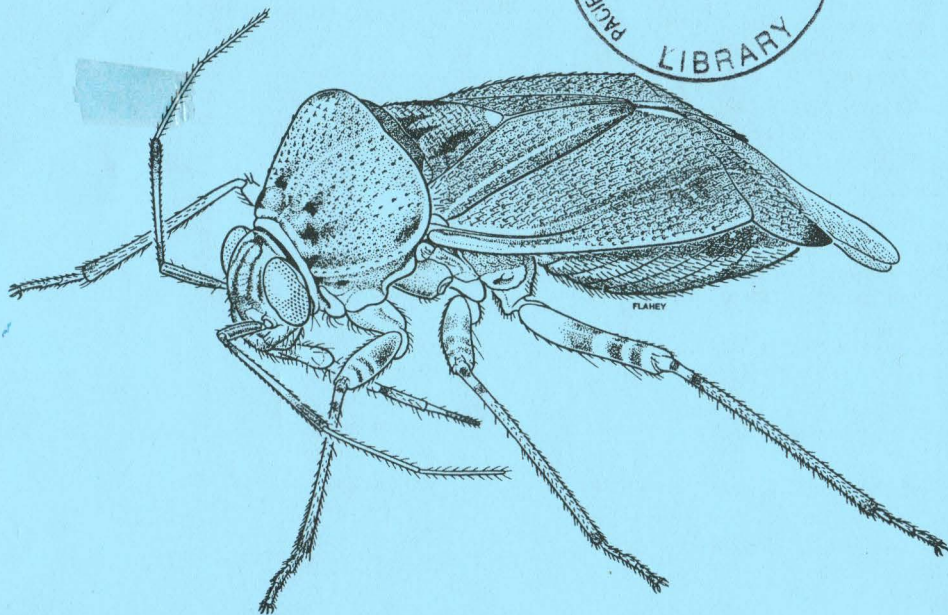
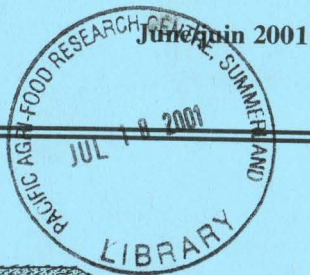
Bulletin

Entomological Society
of Canada

Société d'Entomologie
du Canada

Volume 33

No. 2



Entomological Society of Canada
Société d'Entomologie du Canada

393 Winston Avenue, Ottawa,
Ontario, Canada K2A 1Y8

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des matières sur la couverture-arrière

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Web Page for the ESC: <http://www.biology.ualberta.ca/esc.hp/homepage.htm>

E-mail: entsoc.can@sympatico.ca

The **Bulletin of the Entomological Society of Canada**, published since 1969, presents quarterly entomological news, opportunities and information, details of Society business, matters of wider scientific importance and book reviews.

Le **Bulletin de la Société d'Entomologie de Canada**, publié depuis 1969, présente trimestriellment des informations entomologiques, des occasions, des renseignements sur les opérations de la Société, des dossiers scientifiques d'importance, et des analyses d'ouvrages.

Illustrated on the front cover is a female Lygus lineolaris (Palisot de Beauvois) (Hemiptera: Miridae). The tarnished plant bug is indigenous to North America and found in nearly all agricultural areas, feeding on buds, flowers, and seeds of over 300 recorded hosts with 130 regarded as economically important plants. In Canada, it causes important reductions of seed yield in oilseed rape, Brassica napus L. and Brassica rapa L. (Brassicaceae), and alfalfa, Medicago sativa L. (Fabaceae). Habitus drawing by Barry Flahey, Manotick, Ontario, courtesy of Agriculture and Agri-Food Canada.

Illustré sur la couverture se trouve une femelle Lygus lineolaris (Palisot de Beauvois) (Hemiptera: Miridae). La punaise ternie par la punaise est indigène à l'Amérique du nord et se retrouve dans la plupart des endroits agricoles, se nourrissant sur les bourgeons, fleurs, et graines au-delà de 300 hôtes enregistrés dont 130 considérés comme plantes importantes économiquement. Au Canada, ceci cause des réductions importantes de rendement des graines à cause de l'enlèvement Brassica napus L. et Brassica rapa L. (Brassicaceae), et alfalfa, Medicago sativa L. (Fabaceae). Dessin d'Habitus par Barry Flahey, Manotick, Ontario, courtoisie d'agriculture et agroalimentaire Canada.

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The **Entomological Society of Canada** was founded in 1863 primarily to study, advance and promote entomology. It supports entomology through publications, meetings, advocacy and other activities.

La **Société d'Entomologie du Canada** a été établie en 1863 principalement pour promouvoir l'étude et l'avancement de l'entomologie. Elle soutient l'entomologie par l'entremise de publications, de réunions et d'autres activités.

SOCIETY BUSINESS / AFFAIRES DE LA SOCIÉTÉ

President's Report

This is a brief update on the affairs of the Society. The spring Executive Council meeting was held in Ottawa in April and dealt with a wide range of issues. The minutes show that many of the committees have indeed been active over the winter. The Society's finances are in good order, the Headquarters is running smoothly, as is our publishing arrangement with National Research Council Press. The Society realized some proceeds from the Joint Meeting in Montreal; it was decided that this money will be added to funds obtained by Past-President Dan Johnson to develop a Student Conference Travel Fund, to aid students in attending the annual meetings of the Society.

Members will notice changes in the Bulletin over the next few issues as the new Editor, Dan Johnson, takes over complete production. Please send Dan any suggestions for improving the format and content of the Bulletin. I would like to thank the previous Editor, Hugh Barclay, for his five years of service to the Society.

Another recent development is that Jean Turgeon, Editor of the Canadian Entomologist, wishes to step down, effective January 31, 2002. This is an enormously important and challenging job, essential to the functioning of the Society. I am taking this opportunity to invite anyone interested in taking on this challenge to contact me.

Finally, efforts to organize the upcoming ESC/ESO Joint Annual Meeting are proceeding rapidly and efficiently, due to the great efforts of the meeting Chair, Cynthia Scott-Dupree and her organizing committee. This meeting promises to be an interesting one, in a unique location!

Bob Footitt

Rapport du président

Voici une brève mise à jour des affaires de la Société. La réunion du conseil de direction de ce printemps a eu lieu à Ottawa en avril. Plusieurs sujets y ont été débattus. Les minutes de cette réunion montrent que les différents comités ont vraiment été très actifs cet hiver. La Société est en bonne santé financière, le siège social va bien, et notre entente de publication avec les Presses du Conseil national de recherche aussi. La Société a réalisé quelques profits avec le congrès conjoint qui s'est tenu à Montréal. Il a été décidé que cet argent sera ajouté aux fonds accumulés par le président sortant, Dan Johnson, pour créer une bourse de voyage de conférence pour les étudiants, dans le but d'aider les étudiants à assister aux congrès annuels de la Société.

Les membres remarqueront des changements dans les prochains numéros du Bulletin, puisque le nouvel éditeur, Dan Johnson, se chargera dorénavant de sa mise en page et production. Veuillez

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envoyer à Dan toutes suggestions qui pourraient améliorer la présentation et le contenu du Bulletin. Je voudrais remercier l'éditeur sortant, Hugh Barclay, pour ses cinq années de service à la Société.

Une autre nouvelle récente est que Jean Turgeon, l'éditeur du *The Canadian Entomologist*, désire se retirer le 31 janvier, 2002. C'est un travail extrêmement important et stimulant, qui est essentiel au bon fonctionnement de la Société. Je profite donc de l'occasion pour inviter les membres qui seraient intéressés à relever ce défi à me contacter.

Finalement, l'organisation du prochain congrès conjoint SEC/SEO va bon train, et ce grâce aux efforts de la responsable de l'organisation, Cynthia Scott-Dupree, et de son comité organisateur. Ce congrès promet d'être très intéressant et se tiendra dans un lieu tout à fait unique!

Bob Footitt

Réunion conjointe de la Entomological Society of America, Entomological Society of Canada et la Société d'entomologie du Québec: remerciements de la part du Comité d'arrangements locaux.

L'organisation d'un congrès majeur et conjoint est une tâche qui demande beaucoup de temps, de travail et collaboration. Nous (Charles Vincent et Steve Clement) avons travaillé des centaines d'heures avant décembre 2001 avec plusieurs personnes qui se sont démarquées par leurs contributions et leur professionnalisme. Nous les avons nommé de façon exhaustive dans notre rapport à la ESA. A la demande des présidents F. Lorenzetti (SEQ) et D. Johnson (ESC), nous écrivons ce texte pour souligner le travail de personnes, notamment des membres de la SEQ et de la ESC qui, à nos yeux, ont contribué de façon significative au succès de cet événement majeur.

De la Société d'entomologie du Québec:

François Fournier (qui est allé chercher le Congrès en tant que président et s'est chargé des relations publiques), Anthony Daniel (Tours et travail lors du Congrès), Marjolaine Giroux (Contact et organisation des activités de l'Insectarium de Montréal), André Poliquin (contact avec les medias et finances locales), Gaétan Racette (travail lors du Congrès), Benoit Rancourt (correspondance électronique, logistique, infographie et travail lors du Congrès), Martin Trudeau (travail lors du Congrès), Thierry Poiré (traduction de textes), Héléne Chiasson et Noubar Bostanian (programmation scientifique).

De la Société d'entomologie du Canada:

Rebecca Hallet, Cynthia Scott-Dupree et Mark Sears (qui ont effectué plusieurs heures de travail lors du Congrès).

Insectarium de Montréal:

Marjolaine Giroux, Stéphane Le Tirant, Pierre Veilleux, Sonya Charest, la Société des Amis de l'Insectarium, la Fondation Marie Victorin.

E.S.C. Bulletin S.E.C

En terminant, nous désirons remercier tous ceux qui, de près ou de loin, ont contribué au succès de la Réunion conjointe de la Entomological Society of America, Entomological Society of Canada et la Société d'entomologie du Québec (Montréal 2000).

Charles Vincent et Steve Clement
Local Arrangements Committee, Montréal 2001

Acknowledgment of the Local Arrangements Committee of the 2000 Joint Annual Meeting

The organization of a major joint meeting is a task that demands a great deal of time, work and collaboration. We (Charles Vincent and Steve Clement) worked some hundred of hours before December, 2001, with a number of people who are distinguished by their contributions and professionalism. We have noted their contributions in detail in publications of the ESA. At the request of Presidents (in 2000) F. Lorenzetti (SEQ) and D. Johnson (ESC), we again thank them here in the Bulletin and *Antennae*, and underscore the work of contributors and volunteers, notably some members of the SEQ and of the ESC who, to our eyes, particularly contributed to the success of this major event.

From la Société d'entomologie du Québec:

François Fournier (tasked with organizational and public relation duties), Anthony Daniel (organization and activities at the time of meeting), Marjolaine Giroux (organization and promotion of the activities of the Insectarium of Montreal), André Poliquin (contact with the media, and financial matters), Gaëtan Racette (working during the meeting), Benoit Rancourt (electronic correspondence, logistics, graphics and work during the meeting), Martin Trudeau (working during the meeting), Thierry Poiré (translation of texts), Helen Chiasson and Noubar Bostanian (scientific program).

From the Entomological Society of Canada:

Rebecca Hallet, Cynthia Scott Scott-Dupree and Mark Sears (working during the meeting)

Insectarium of Montreal:

Marjolaine Giroux, Stéphane Le Tirant, Pierre Veilleux, Sonya Charest, la Société des Amis de l'Insectarium (Friends of the Insectarium), and la Fondation Marie Victorin.

We want to thank all those, from near or from afar, who contributed to the success of the Joint Meeting of the Entomological Society America, Entomological Society Canada and la Société d'entomologie du Québec (Montreal 2000).

Charles Vincent and Steve Clement
Local Arrangements Committee, Montreal 2001

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SOCIETY BUSINESS / AFFAIRES DE LA SOCIÉTÉ

51st Annual General Meeting

The annual General Meeting of the Entomological Society of Canada will be held at the *Sheraton Fallsview Hotel and Conference Centre* in Niagara Falls, Ontario, on October 23, 2001.

La réunion annuelle générale de la Société d'entomologie du Canada aura lieu au *Sheraton Fallsview Hotel and Conference Centre* à Niagara Falls, Ontario, le 23 octobre, 2001.

Governing Board Meeting

The Annual Meeting of the Governing Board will be held at the *Sheraton Fallsview Hotel and Conference Centre*, in Niagara, on October 20, 2001. Matters for consideration at any of the above meetings should be sent to the secretary at the address below:

La réunion annuelle du conseil d'administration se tiendra au *Sheraton Fallsview Hotel and Conference Centre*, à Niagara, le 20 octobre, 2001. Veuillez faire part au secrétaire de tout sujet pouvant faire l'objet de discussion à l'une ou l'autre de ses réunions en communiquant à l'address suivante:

Dr. Rick West
31 Drover's Heights
Portugal Cove, Newfoundland A0A 3K0
Phone and fax: (709) 895-2734
E-mail: reely.west@roadrunner.nf.net

The *Canadian Entomologist* and past issues of the *Memoirs* are available from the Ottawa office and may be purchased by Mastercard, Visa, cheque or money order.

Please send all correspondence concerning the Bulletin to:

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Bulletin Editor
Research Centre
Research P.O. Box 3000
Lethbridge, AB, T1J 4B1
Tel: (403) 327-4561
Fax: (403) 382-3156
E-mail: JohnsonDL@em.agr.ca

Please send all correspondence concerning Book Reviews for the Bulletin to:

Dr. Vince Nealis
Chair, Publications Committee
506 West Burnside Road
Pacific Forestry Centre
Victoria BC, V8Z 1M5
Tel: (250) 363-0663
Fax: (250) 363-0775
E-mail: vnealis@pfc.forestry.ca

The deadline for submissions to be included in the next issue, Vol. 33(3), is **Aug 1, 2001**.

La date limite pour recevoir vos contributions pour le prochain numéro (Vol. 33(3)) est le **1 août 2001**.



Joint Meeting of the
Entomological Societies of Ontario and Canada

Sheraton Fallsview Hotel
and Conference Centre

Co-Hosts of JAM 2001



Niagara Falls, Ontario, 20-24 October 2001

TENTATIVE PROGRAM

Saturday 20 October

08:30-17:30 Entomological Society of Canada Governing Board Meeting

Sunday 21 October

10:00-16:00 Registration

10:00-12:00 Entomological Society of Ontario Governing Board Meeting

13:00-15:00 **Workshop 1:** "Entomology in Parks & Protected Spaces" (S.Marshall, organizer)

15:00-17:00 **Workshop 2:** "Bringing Insects to the Public" (M.Pickles, organizer)

19:30-20:30 Students Meet the Board (included for students)

20:30-22:30 JAM 2001 Mixer (included)

Monday 22 October

07:00-09:00 Setting-up of posters

07:00-08:30 Continental Breakfast (included)

08:00-16:00 Registration

08:30-09:45 Opening Ceremonies, ESC Awards, Gold Medal Address

10:15-12:15 **Plenary Session:** "2001: An Insect Odyssey"

Sponsored by: Ontario Ministry of Agriculture Food and Rural Affairs

Dr. Freeman McEwen - Heritage Lecture

Dr. Dennis Avery (Center for Global Food Issues, USA)

Dr. Michael Dixon (University of Guelph)

12:15-13:30 Buffet Lunch (included)

13:30-16:00 **Submitted Papers/Student paper competitions/Poster session**

13:30-16:00 **Workshop 3:** "Dealing with New Insect Introductions" (B.Helson, R. Footitt, organizers)

Sponsored by: Canadian Forest Service

16:00-17:30 Entomological Society of Ontario Annual General Meeting

20:00-22:00 President's Reception (by invitation only)

Tuesday 23 October

06:00-09:00 Setting-up of posters

08:00-16:00 Registration

08:30-12:00 **Symposium I:** "Emerging Technologies in Pest Management"

Sponsored by: Ontario Ministry of the Environment

Dr. Mark Winston (Simon Fraser University)

Dr. Larry Larson (Dow AgroSciences, USA)

Dr. Tony Shelton (Cornell University, USA)

Dr. Leonard Ritter (University of Guelph)

12:00-13:30 Lunch on Your Own
13:30-16:30 **Workshop 4:** "Entomology of Vineyards in Canada" (C.Vincent, N. Bostanian, organizers)

13:30-16:30 **Submitted Papers and Poster session**
16:30-18:00 Entomological Society of Canada Annual General Meeting
18:00-23:00 Cocktails, Banquet (included), and Awards
Guest Speaker: Dr. May Berenbaum

Wednesday 24 October

08:30-12:00 **Symposium II:** "Tree Fruit Entomology"
Sponsored by: Agriculture and Agri-Food Canada
Mr. Bernt Solymar (OMAFRA, Simcoe), Dr. David Pree (AAFC, Vineland)
Dr. Howard Thistlewood (AAFC, Summerland), Dr. Gary Judd (AAFC, Summerland), Dr. Charles Vincent (AAFC, St. Jean sur Richelieu)

08:30-12:00 **Submitted Papers**
08:30-12:00 **Workshop 5:** "Spatial Analysis in Applied Entomology" (R.Bourchier, organizer)
12:30-14:00 Entomological Society of Canada Governing Board Meeting

Official Sponsors of JAM 2001

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	Ministry of Agriculture, Food and Rural Affairs
	Ministry of the Environment
	
	
 Agriculture and Agri-Food Canada	Agriculture et Agroalimentaire Canada
Canadian Forest Service	



Helpful Information for Planning

2001 Joint Meeting of the Entomological Societies of Ontario and Canada
Sheraton Fallsview Hotel and Conference Centre, Niagara Falls, Ontario
21 - 24 October, 2001

Meeting website: www.utoronto.ca/forest/eso/eso_esc2001.htm

2001: An Insect Odyssey

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Website:

www.gov.on.ca/MBS/english/myontarioweb/visitors

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Hamilton Munroe Airport (WestJet)

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The Mystery of Edwin Drood a musical by R. HOLMES based on the novel by CHARLES DICKENS

For prices and ticket availability please contact:

Phone: 1-800-511-SHAW

Email: bxoffice@shawfest.com

Website: www.shawfest.sympatico.ca By car, The Shaw is 20 minutes from Niagara Falls.

**Joint Meeting of the
Entomological Societies of Ontario and Canada**



**Sheraton Fallsview Hotel and Conference Centre Niagara Falls, Ontario
20-24 October 2001**

**FORM FOR SUBMITTED PAPERS, STUDENT PAPERS, AND POSTER
PRESENTATIONS**

DEADLINE: Postmarked July 2, 2001

Information required: Authors' names, name of presenter, address, title, abstract, language of communication. Abstracts should be 50 words or less; submission by e-mail or on diskette (Word or WP format) would be appreciated. **If possible, please provide your abstract in both English and French.**

Category of presentation (please check appropriate boxes):

Oral presentation - Regular ESO President's Prize* ESC President's Prize**
Poster presentation - Regular ESO President's Prize*

* **Students are eligible for the ESO President's Prize if they meet the following criteria:**

1. You must be a member of the ESO;
2. You must be registered at a university or have completed your studies during the year preceding the meeting; and
3. You must be registered at the meeting.

** **Students are eligible for the ESC President's Prize if they meet the following criteria:**

1. You must be enrolled in a graduate degree program or have graduated from a program less than six (6) months prior to the meeting;
2. You must be registered at the meeting; and
3. You must be the principal investigator of the paper.

Note: Students who meet the criteria of both Societies may participate in both competitions.

Oral presentation (Regular, ESO President's Prize, ESC President's Prize): 12 min + 3 min discussion. Carousel slide projectors will be the only type of audio-visual equipment available. Slides should be provided in a carousel.

Poster presentation (Regular, ESO President's Prize): Maximum dimensions: 1.2m x 1.2m
Attachment to panel: Velcro only

Please return to Scientific Program Co-Chairs:

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University of Guelph
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2585 County Road 20, Harrow, ON N0R 1G0
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Fax: (519) 738-2929
Email: hunt@d@em.agr.ca

**Entomological Society of Canada / Société d'entomologies du Canada
Committees and Representatives 2000-2001 / Comités et Représentants 2000-2001**

A- Standing committees/Comités permanents

Nominations/Nominations

D. Johnson, Chair, Lethbridge
R. Bennett, Victoria
J. Delisle, St. Foy
R. Footit, ex officio, Victoria

Elections/Elections

R. Hallett, Chair
J. MacIntyre, Guelph
one vacancy to be filled by June 2001
R. Footit, ex officio, Ottawa

B- Continuing Committees/Comités en cour

Achievement Awards/Prix d'excellence

B. Roitberg, Chair, Burnaby
J. McNeil, Quebec
M. Isman, Vancouver
V. Behan-Pelletier, Ottawa
R. Footit, ex officio, Ottawa

Annual Meeting/Réunion Annuelle

P. de Groot, Chair, Sault Ste. Marie
R. Footit, ex officio, Ottawa

Bilingualism/Bilinguisme

L. Royer, Chair, Corner Brook
F. Fournier, Montréal
H. Chiasson, St-Jean-Sur-Richelieu
M. Roy, Québec
R. Footit, ex officio, Ottawa

Bylaws, Rules & Regulations/Règlements

M. Goettel, Chair, Lethbridge
N.J. Holliday, Winnipeg
G. Boiteau, Fredericton
R. Footit, ex officio, Ottawa

Finance/Finance

J. O'Hara, Chair, Ottawa
G. Gibson, Treasurer of ESC, Ottawa
D. Parker, Ottawa
P. Mason, Ottawa
M. Sarazin, Ottawa
R. Footit, ex officio, Ottawa

Headquarters/Siège social

V. Behan-Pelletier, Chair, Ottawa
J.M. Cumming, Ottawa
R. Footit, ex officio, Ottawa
G.A.P. Gibson, ex officio, Ottawa

Heritage/Heritage

D.C. Eidt, Chair, Fredericton
P. Riegert, Regina
E.C. Becker, Ottawa
R. Footit, ex officio, Ottawa

Insect Common Names/Noms communs d'insectes

Vacant, Chair
K. Nystrom, Sault Ste. Marie
H. Chiasson, Montreal
R. Footit, ex officio, Ottawa

Marketing/Comité du marketing

L. Braun, Chair, Saskatoon
H. White, Winnipeg
O. Olfert, Saskatoon
R. Footit, ex officio, Ottawa

Membership/Adhésion

R. Bennett, Chair, Saanichton
L. Hollett, AES
T. Shore, ESBC, Victoria
R. Bouchier, ESA
R. Elliot, ESS
R.J. Lamb, ESM, Winnipeg
D. Hunt, ESO, Sault Ste. Marie
N. Larocque, SEQ
R. Footit, ex officio, Ottawa

Publications/Publications

V. Nealis, Chair, Victoria
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Peter Kevan, Guelph
Linda Gilkeson, Victoria
D.B. Lyons, Sault Ste. Marie
J. Turgeon, ex officio, Sault Ste. Marie
R. Foottit, ex officio, Ottawa
Dan Johnson, ex officio, Lethbridge.

Science Policy and Education/Politique
scientifique et éducation

S. Smith, Chair, Toronto
K.G. Davey, Downsview
P.G. Kevan, Guelph T.L. Shore, ESBC, Victoria
R. Bouchier, ESA, Lethbridge
R. Elliot, ESS, Saskatoon
R.J. Lamb, ESM, Winnipeg
D. Hunt, ESO, Harrow
N. Larocque, SEQ, Laval
L. Hollett, AES, Deer Lake
R. Foottit, ex officio, Ottawa

Student Awards

Entomological Society of Canada Research
Travel Grant (\$2,000) Winners, 2000:

Ms. Jessica L. Janjic, Department of Biology,
York University
The grant is to assist in traveling to and
within Brazil for the purpose of studying
genera of the Agaposteminae (Hymenoptera:
Halictidae)

Ms. Jade Savage, Department of Natural
Resource Science, McGill University
The grant is to assist in traveling to England
and Sweden for the purpose of visiting
entomological museums there.

Student Affairs/Affaires étudiantes

J. Savage, Chair, Montréal
C. Schmidt, Edmonton
B. Sarauer, Saskatoon
R. Foottit, ex officio, Ottawa
D. Gillespie, ex officio, Agassiz

Student Awards/Prix aux étudiantes et étudiants

D. Gillespie, Chair, Agassiz
J. Delisle, St. Foy
B.K. Mitchell, Edmonton
D. Quiring, Fredericton
T.A. Wheeler, Ste-Anne-de-Bellevue
D.C. Currie, Toronto
D.J. Larson, St. John's
R. Foottit, ex officio, Ottawa

C- Ad hoc Committees/ Comites ad hoc

Joint Meeting Document

T. Shore, Chair, Victoria
J. Sweeney, Fredericton
R. Foottit, ex officio, Ottawa

Postgraduate award winners, 2000:

Ms. Michelle McPherson
(studying behavioural responses of
dragonflies to structural changes of
landscapes), Department of Biology,
Acadia University

Mr. Leonardo Frid
(studying the thermal ecology of the
western and forest tent caterpillars and
their nuclear polyhedrosis virus),
Department of Zoology, University of
British Columbia

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CHARTERED ACCOUNTANTS

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AUDITORS' REPORT

To the Members,
Entomological Society of Canada
Scholarship Fund.

We have audited the balance sheet of the Entomological Society of Canada - Scholarship Fund as at December 31, 2000. This financial statement is the responsibility of the Fund's management. Our responsibility is to express an opinion on this financial statement based on our audit.

Except as explained in the following paragraph, we conducted our audit in accordance with generally accepted auditing standards. Those standards require that we plan and perform an audit to obtain reasonable assurance whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation.

In common with many charitable organizations, the Fund derives revenue from cash donations, the completeness of which is not susceptible to satisfactory audit verification. Accordingly, our verification of this revenue was limited to the amounts recorded in the records of the organization and we were not able to determine whether any adjustments might be necessary to donation revenue, net revenue for the year, assets and surplus.

In our opinion, except for the effect of adjustments, if any, which we might have determined to be necessary had we been able to satisfy ourselves concerning the completeness of donations referred to in the preceding paragraph, this financial statement presents fairly, in all material respects, the financial position of the Fund as at December 31, 2000 and the results of its operations for the year then ended in accordance with generally accepted accounting principles.

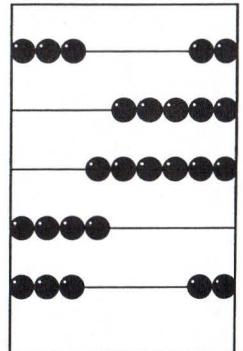


Chartered Accountants

Ottawa, Ontario,
March 5, 2001.

THOMAS W. HOWARTH, CA
BRYAN E. SULLIVAN, CA
ALBERT G. MONSOUR, B.Admin. CA
BLAIR E. DAVIDSON, B.Comm. CA
G. WARREN TRICKEY, B.Comm. CA
ROBERT D. SHANTZ, B.MATH. CA

CONSULTANT-ELDRIN E. MCCONNELL, CA
CONSULTANT-JOHN W. FRANKLIN, CA



**ENTOMOLOGICAL SOCIETY OF CANADA
SCHOLARSHIP FUND**

BALANCE SHEET

AS AT DECEMBER 31, 2000

	<u>2000</u>	<u>1999</u>
ASSETS		
CURRENT		
Cash	\$ 20,128	\$ 8,570
Accrued interest receivable	1,540	1,593
Due from Entomological Society - General Fund	<u>-</u>	<u>463</u>
	21,668	10,626
INVESTMENTS (note 2)	<u>99,699</u>	<u>99,699</u>
	<u>\$ 121,367</u>	<u>\$ 110,325</u>
LIABILITIES		
CURRENT		
Due to Entomological Society - General Fund	\$ 4,134	\$ -
Deferred revenue	<u>2,000</u>	<u>-</u>
	6,134	-
SURPLUS		
BALANCE - BEGINNING OF YEAR	110,325	107,319
Revenue		
Interest	6,686	7,185
Recovery of award	1,069	463
Donations	<u>5,153</u>	<u>4,358</u>
	12,908	12,006
Expenditure		
Scholarship awards and travel grants	<u>8,000</u>	<u>9,000</u>
	4,908	3,006
Net revenue for the year	<u>4,908</u>	<u>3,006</u>
BALANCE - END OF YEAR	<u>115,233</u>	<u>110,325</u>
	<u>\$ 121,367</u>	<u>\$ 110,325</u>

Approved on behalf of the Board:

Director

Director

**ENTOMOLOGICAL SOCIETY OF CANADA
SCHOLARSHIP FUND**

NOTES TO FINANCIAL STATEMENT

DECEMBER 31, 2000

1. SIGNIFICANT ACCOUNTING POLICIES

(a) Accrual Basis of Accounting

Revenue and expenditure are recorded on the accrual basis, whereby they are reflected in the accounts in the period in which they have been earned and incurred respectively, whether or not such transactions have been finally settled with the receipt or payment of money.

(b) Volunteer Services

The Fund receives volunteer services, the value of which cannot be reasonably estimated. Therefore, no representation of these costs are reflected in the financial statement.

2. INVESTMENTS

	<u>2000</u>	<u>1999</u>
Bonds, at cost (market value 2000 - \$104,206, 1999 - \$102,748)	\$ <u>99,699</u>	\$ <u>99,699</u>

3. FINANCIAL INSTRUMENTS

The Organization's financial instruments consist of cash and investments. Unless otherwise noted, it is management's opinion that the Organization is not exposed to significant interest rate, exchange rate or credit risks arising from these financial instruments.

4. STATEMENTS OF INCOME AND CASH FLOWS

These statements have not been prepared as all the relevant information is apparent from the other financial statement.

SCHOLARSHIPS AND GRANTS / BOURSES ET SUBVENTIONS

ENTOMOLOGICAL SOCIETY OF CANADA

Keith Kevan Scholarship 2001

In memory of Dr. D. Keith McE. Kevan, the Entomological Society of Canada is offering one postgraduate award of \$1,000 to assist students in post-graduate programs who are studying **systematics in entomology**. The award will be made on the basis of high scholastic achievement and excellence in insect systematics.

Invitation for Applications:

Eligibility: Applicants must be members of the Entomological Society of

Canada at the time of application. The successful applicant must be a post-graduate student at the time of application, studying at a Canadian university or be a Canadian citizen studying abroad.

Method of Application: Applicants must submit a properly completed form, with support documents. Application forms are available at <http://www.biology.ualberta.ca/esc.hp/form.htm>, or from the Chair of the ESC Student Awards Committee. The original and three copies of the application and all supporting documents, including transcripts, must be submitted to the Chair of the Student Awards Committee postmarked no later than 12 June 2001. Please specify on the application form if you are applying for the Postgraduate Award, or the Keith Kevan Scholarship. Separate applications and documentation packages must be submitted with each award application.

Process of Selection and Award Presentation: Applications will be reviewed by a committee of the Society. An announcement of the winner will be made at the annual meeting of the Society and each winner will receive a certificate. Payment of the award will be made in October 2001.

Regulations

Earnings from Other Sources: Award holders are permitted, under normal circumstances, to demonstrate, instruct or assist in non-degree related research for a maximum of 200 hours per annum, provided that the Head of their Department considers this is desirable and that it does not hinder the progress of their studies. Apart from these assistantships, award holders will devote their full time to study and research and will not undertake any paid work during the school term. They may hold other awards and scholarships.

Transfers: Awards are made on the condition that the winners engage in a program of studies and research for a post-graduate degree in entomology. Any change in the course of study, department or university in which an award winner is registered requires prior approval of the Scholarship Committee. A request for permissions to transfer must be supported by statements from Heads of Departments.

Additional Allowances: The award stipends are all-inclusive. There is no provision for additional grants by the Society for any purpose. Additional grants, for example, to attend meetings, pay course fees, meet publications costs, etc., will not, under any circumstances, be authorized.

Address all communications regarding these awards, including requests for applications, to:
Dr. David R. Gillespie, Chair
ESC Student Awards Committee
Pacific Agri-Food Research Centre (Agassiz)
Agriculture and Agri-Food Canada
P.O. Box 1000
Agassiz, B.C., V0M 1A0

E-mail: GillespieD@em.agr.ca

LA SOCIÉTÉ D'ENTOMOLOGIE DU CANADA
Bourse Keith Kevan 2001¹

En mémoire du Dr D. Keith McE. Kevan, la Société d'entomologie du Canada offrira une bourse de \$1,000 pour aider les étudiants gradués qui entreprennent des études supérieures en taxonomie des insectes. Cette bourse sera accordée selon des critères d'excellence académique et de la prééminence en taxonomie des insectes.

Avis: Éligibilité: Les candidats doivent être membres de la Société d'entomologie du Canada au moment de la demande. Ils doivent être étudiants diplômés inscrit à un programme d'études supérieures dans une université canadienne ou citoyens canadiens étudiant à l'étranger.

Procédure: Les candidats devront soumettre leur candidature à l'aide du formulaire approprié et y joindre tous les documents requis. Les formulaires sont disponibles auprès du président du Comité des Bourses aux étudiants de la Société ou sur notre site internet à l'adresse suivante : <http://www.biology.ualberta.ca/esc.hp/form.htm>. Le formulaire original, ainsi que trois copies, devront être envoyés au président du comité des bourses aux étudiants de la Société et reçus au plus tard le 12 juin 2001. Veuillez préciser sur le formulaire si vous soumettez votre candidature pour la Bourse Post-graduée ou la Bourse Keith Kevan. Des formulaires distincts accompagnés des documents requis doivent être soumis pour chacune des Bourses.

Sélection et remise de la bourse: L'analyse des candidatures se fera par un comité de la Société, et l'annonce du récipiendaire de la Bourse K. Kevan se fera à la réunion annuelle de la Société où le gagnant recevra un certificat. Le paiement de la bourse aura lieu en octobre 2001.

Règlement: Autres sources de revenus: Un boursier pourra normalement donner des séances de cours ou de démonstration et être auxiliaire de recherche jusqu'à un maximum de 200 heures par année, en autant que le Directeur de son département considère cela profitable et que ces tâches additionnelles ne nuisent pas au progrès de son projet de recherche. Mises à part ces exceptions, un boursier devra consacrer tout son temps à ses études et recherches et n'accepter aucune autre rémunération. Il peut cependant jouir d'une autre bourse ou d'un prix.

Transferts: Les bourses sont accordées à condition que les boursiers entreprennent des études graduées en vue de l'obtention d'un diplôme d'études supérieures en entomologie. Après l'acceptation de la bourse, tout changement de programme d'études, de département ou d'université devra recevoir au préalable l'approbation du Comité de la Bourse de la SEC. Une telle demande doit être accompagnée de documents provenant des Directeurs des départements concernés.

Frais supplémentaires: La somme offerte est invariable. En aucun cas la Société n'accordera de montant supplémentaire. Des frais additionnelles, par exemple, pour assister aux réunions scientifiques, payer des frais de cours, défrayer des coûts de publications, etc..., ne seront autorisés sous aucune considération.

Toute correspondance relative aux bourses, incluant les demandes de formulaires, doit être adressée à:

Dr. David R. Gillespie, Président
Comité des prix aux étudiants de la SEC
Centre de recherches agricoles du Pacifique - Agassiz
Agriculture et Agroalimentaire Canada
Case Postale 1000
Agassiz, C.B., V0M 1A0

Courriel: GillespieD@em.agr.ca

(¹Le masculin est employé dans ce texte pour désigner les personnes des deux sexes.)

Entomological Society of Canada Graduate Research Travel Grants, Invitation for Applications

Preamble: To foster graduate education in entomology, the Entomological Society of Canada will offer two research-travel grants, awarded annually on a competitive basis. The intent of these grants is to help students increase the scope of the graduate training. These grants, up to a maximum of \$2,000, will provide an opportunity for students to undertake research or course work pertinent to their thesis subject that could not be carried out at their own institution, and that represents a significant addition to the planned thesis research or course work.

Eligibility: To be eligible, a student must: 1) be enrolled as a full-time graduate student, 2) be an active member of the Entomological Society of Canada

Format of the Application: The application will be in the format of a grant proposal, where the applicant will provide the following information: 1) the subject of the thesis; 2) a pertinent review of the literature in the field; 3) a concise presentation of the status of the ongoing thesis research; 4) a description of the research or course work to be undertaken, clearly indicating a) the relevance to the overall goal of the thesis, b) an explanation of why such work cannot be carried out at the student's own university, and c) the justification of the site where the research/course work will be carried out; 5) a budget for the proposed project, including a justification for how costs not covered by the grant will be covered; 6) anticipated dates of travel and date on which grant money is needed.

The application shall also be accompanied by: 1) an up-to-date C.V.; 2) a supporting letter from the senior advisor; and 3) when appropriate, a supporting letter from the scientist or Department Head at the institution where the applicant wishes to go.

Evaluation Procedure: The scientific merit of each application will be evaluated by a committee that has the option of sending specific projects out for external review by experts in the field. Comments from the Awards Committee members will be provided to the applicant upon request.

Timetable and Application Procedure: Application forms may be obtained from the Chair of the Student Awards Committee or at <http://www.biology.ualberta.ca/esc.hp/gform.htm>. These must be completed in full, and **the original plus three copies of all documents** returned to the Chair of the Student Awards Committee by **15 February 2001**. The committee will evaluate all applications by 30 April 2001 and determine if, and to whom, grants will be awarded. The successful applicants will be informed immediately, thereby providing sufficient time for students wishing to start in the fall to make necessary arrangements. Grants must be used in the 12 months following the award.

Recipients must provide a short final report, including a documented list of expenses relative to the proposed budget, in the three months that follow the trip. Any allocated funds not spent must be returned to the Society.

All communications regarding these awards, including requests for applications, should be addressed to:

Dr. David R. Gillespie, Chair
ESC Student Awards Committee
Pacific Agri-Food Research Centre (Agassiz)
Agriculture and Agri-Food Canada
P.O. Box 1000
Agassiz, B.C., V0M 1A0

E-mail: GillespieD@em.agr.ca

Société entomologique du Canada, Subventions de recherche voyage au niveau des études supérieures, Invitation à soumettre des demandes

Préambule: Pour promouvoir les études supérieures en entomologie, la Société d'entomologie du Canada offre deux subventions de recherche-voyage, qui seront décernées chaque année lors d'un concours. Ces subventions ont pour objet d'aider les étudiants et étudiantes à élargir le champ de leur formation supérieure. Le montant accordé, qui peut aller jusqu'à 2 000 \$, doit permettre aux récipiendaires de suivre des cours ou d'effectuer des travaux portant sur leur sujet de thèse, cours et travaux qu'ils ne pourraient pas entreprendre autrement dans leur propre établissement et qui constituent un ajout important au programme de recherche prévu.

Admissibilité: Pour être admissible, un étudiant ou une étudiante doit :

- 1) être inscrit comme étudiant à temps complet au niveau des études supérieures
- 2) être membre actif de la Société d'entomologie du Canada

Présentation de la demande: La demande doit se présenter comme une proposition, dans laquelle le candidat ou la candidate fournit les informations suivantes : 1) sujet de la thèse; 2) revue des documents pertinents; 3) résumé de l'état d'avancement de la thèse; 4) description de la recherche ou des travaux à effectuer, avec les précisions suivantes : a) pertinence de l'objectif global de la thèse, b) raisons pour lesquelles les travaux ne peuvent être effectués à l'université d'attache et c) raisons expliquant pourquoi le candidat ou la candidate a choisi un lieu plutôt qu'un autre pour effectuer ses recherches; 5) budget du projet proposé et des explications concernant le mode de règlement des dépenses non couvertes par la bourse; 6) dates prévues pour le voyage et date à laquelle le candidat ou la candidate aura besoin de la subvention.

Le candidat ou la candidate doit joindre à sa demande : 1) un CV à jour; 2) une lettre de référence de son directeur; 3) au besoin, une lettre d'appui du scientifique ou chef de département de l'établissement où il ou elle souhaite mener à bien son projet.

Méthode d'évaluation: Le mérite scientifique de chaque demande sera évalué par un comité qui pourra soumettre certains projets à l'examen d'experts compétents de l'extérieur. Sur demande, un rapport des commentaires du comité des prix sera remis à chaque candidat et candidate.

Échéancier et marche à suivre pour la présentation des demandes: Les formulaires de demande, qui sont disponibles auprès du président du Comité des prix aux étudiants de la Société ou sur notre site internet à l'adresse suivante: <http://www.biology.ualberta.ca/esc.hp/gform.htm>. Ceux-ci doivent être complétés (**original, ainsi que trois copies de tous les documents**), et retournés au président du Comité, au plus tard le **15 février 2001**. Le comité évaluera toutes les demandes pour le 30 avril 2001 et il déterminera si des subventions seront accordées et, le cas échéant, à qui. Les heureux ou heureuses récipiendaires seront informé(e)s sans délai, de façon à ce qu'ils ou elles disposent de tout le temps voulu pour entamer leur projet dès l'automne suivant, si tel est leur souhait. Les subventions doivent être utilisées dans les 12 mois suivant leur attribution.

Dans les trois mois suivant leur voyage, les récipiendaires doivent remettre un court rapport final, incluant une liste des dépenses réelles accompagnées de pièces justificatives et comparées au budget proposé. Toute somme non dépensée doit être retournée à la Société.

Toute correspondance relative aux bourses, incluant les demandes de formulaires doit être adressée à:

Dr. David R. Gillespie, Président
Comité des prix aux étudiants de la SEC
Centre de recherches agricoles du Pacifique - Agassiz
Agriculture et Agroalimentaire Canada
Case Postale 1000, Agassiz, C.B., V0M 1A0

Courriel: GillespieD@em.agr.ca

ENTOMOLOGICAL SOCIETY OF CANADA Postgraduate Awards 2001

The Entomological Society of Canada will offer two postgraduate awards of \$2,000 each to assist students beginning study and research leading to a first post-graduate degree in entomology. The postgraduate awards will be made on the basis of high scholastic achievement.

Invitation for Applications

Eligibility: Applicants for either scholarship must be members of the Entomological Society of Canada at the time of application. The successful applicants must be either Canadian citizens or landed immigrants with Bachelor's degrees from Canadian universities. Applicants must be entering their first post-graduate degree in entomology, and must begin their first year of postgraduate studies between 15 June 1999 and 31 December 2001. The studies and research must be carried out at a Canadian university. Each award is conditional upon certification by the Department Head that successful applicants have been accepted into the first year of a program of study and research for an advanced degree with full graduate status. A student who was unable to gain admission or enters graduate school as a qualifying candidate is not eligible to receive an award.

Method of Application: Applicants must submit a properly completed form, with support documents. Application forms are available at <http://www.biology.ualberta.ca/esc.hp/form.htm>, or from the Chair of the ESC Student Awards Committee. The original and three copies of the application and all supporting documents, including transcripts, must be submitted to the Chair of the Student Awards Committee postmarked no later than 10 June 2001. Please specify on the application form if you are applying for the Postgraduate Award, or the Keith Kevan Scholarship. Separate applications and documentation packages must be submitted with each award application.

Process of Selection and Award Presentation: Applications will be reviewed by a committee of the Society. An announcement of the two winners will be made at the annual meeting of the Society and each winner will receive a certificate. Payment of the award will be made in October 2001.

Regulations

Earnings from Other Sources: Award holders are permitted, under normal circumstances, to demonstrate, instruct or assist in non-degree related research for a maximum of 200 hours per annum, provided that the Head of their Department considers this is desirable and that it does not hinder the progress of their studies. Apart from these assistantships, award holders will devote their full time to study and research and will not undertake any paid work during the school term. They may hold other awards and scholarships.

Transfers: Awards are made on the condition that the winners engage in a program of graduate studies and research for an advanced degree in entomology in Canada. Students who, after receiving the award, wish to change their graduate program or transfer to a foreign university may be asked to decline the award. Any

change in the course of study, department or university in which an award winner is registered requires prior approval of the Scholarship Committee. A request for permissions to transfer must be supported by statements from Heads of Departments.

Additional Allowances: The award stipends are all-inclusive. There is no provision for additional grants by the Society for any purpose. Additional grants, for example, to attend meetings, pay course fees, meet publications costs, etc., will not, under any circumstances, be authorized.

All communications regarding these awards, including requests for applications, should be addressed to:

Dr. David R. Gillespie, Chair
ESC Student Awards Committee
Pacific Agri-Food Research Centre (Agassiz)
Agriculture and Agri-Food Canada
P.O. Box 1000
Agassiz, B.C., V0M 1A0

E-mail: GillespieD@em.agr.ca

LA SOCIÉTÉ D'ENTOMOLOGIE DU CANADA BOURSE Pour Étudiants Post-gradués 2001 ¹

La Société d'entomologie du Canada offrira deux bourses d'une valeur de \$2,000 chacune pour aider des étudiants qui débutent des études post-graduées et des recherches en vue de l'obtention d'un premier diplôme d'études supérieures en entomologie. Les bourses seront accordées aux étudiants ou étudiantes en raison des seuls critères de réussite académique.

Avis

Éligibilité: Les candidats doivent être membres de la Société d'entomologie du Canada au moment de la demande. Les candidats doivent aussi être Canadiens ou résidents reconnus du Canada et détenir un baccalauréat d'une université canadienne. Les candidats doivent obligatoirement avoir débuté leur première année d'études post-graduées entre le 15 juin 1999 et le 31 décembre 2001 en vue d'obtenir leur premier diplôme d'études supérieures en entomologie, et effectuer leur étude et recherche dans une université canadienne. Les bourses ne seront accordées que lorsque les directeurs de Département auront certifié que les candidats choisis sont inscrits en première année d'un programme d'études supérieures, et ce avec tous les privilèges attachés au statut d'étudiant gradué. Un étudiant qui n'a pu être admis à l'École des Gradués, ou qui s'inscrit en vue de compléter l'obtention de crédits, n'est pas éligible à la bourse.

Procédure: Les candidats devront soumettre leur candidature à l'aide du formulaire approprié et y joindre tous les documents requis. Les formulaires sont disponibles auprès du président du Comité des bourses aux étudiants de la Société ou sur notre site internet à l'adresse suivante:
<http://www.biology.ualberta.ca/esc.hp/form.htm>. Le formulaire original, ainsi que trois copies, devront être envoyés au président du comité des bourses aux étudiants de la Société et reçus au plus tard le 12 juin 2001. Veuillez préciser sur le formulaire si vous soumettez votre candidature pour la Bourse Post-graduée ou la Bourse Keith Kevan. Des formulaires distincts accompagnés des documents requis doivent être soumis pour chacune des Bourses.

Sélection et remise des bourses: L'analyse des candidatures se fait par un comité de la Société, et l'annonce des récipiendaires se fera à la réunion annuelle de la Société où ils recevront un certificat. Le paiement de la bourse aura lieu en octobre 2001.

Règlement

Autres sources de revenus: Un boursier pourra normalement donner des séances de cours ou de démonstration et être auxiliaire de recherche jusqu'à un maximum de 200 heures par année, en autant que le Directeur de son département considère cela profitable et que ces tâches additionnelles ne nuisent pas au progrès de l'étudiant. Mises à part ces exceptions, un boursier devra consacrer tout son temps à ses études et recherches et n'accepter aucune autre rémunération. Il peut cependant jouir d'une autre bourse ou d'un prix.

Transferts: Les bourses sont accordées à condition que les boursiers entreprennent des études graduées en vue de l'obtention d'un diplôme en entomologie au Canada. Les boursiers qui décideront de changer de champ d'études, ou de transférer dans une université hors du Canada peuvent se voir retirer leur bourse. Après acceptation de la bourse, tout changement de programme d'études, de département ou d'université devra recevoir au préalable l'approbation du Comité de la Bourse de la SEC. Une telle demande doit être accompagnée de documents provenant des Directeurs des départements concernés.

Frais supplémentaires: La somme offerte est invariable. En aucun cas la Société n'accordera de montant supplémentaire. Des frais additionnelles, par exemple, pour assister aux réunions scientifiques, payer des frais de cours, défrayer des coûts de publications, etc., ne seront autorisés sous aucune considération. Toute correspondance relative aux bourses, incluant les demandes de formulaires doit être adressée à:

Dr. David R. Gillespie, Président
Comité des prix aux étudiants de la SEC
Centre de recherches agricoles du Pacifique - Agassiz
Agriculture et Agroalimentaire Canada
Case Postale 1000, Agassiz, C.B., V0M 1A0
Courriel: GillespieD@em.agr.ca

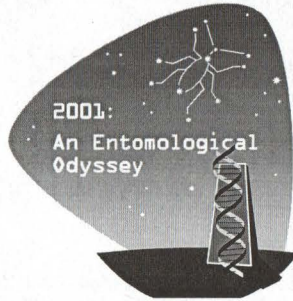
(¹Le masculin est employé dans ce texte pour désigner les personnes des deux sexes.)

Editor's note:

During the coming year, we will see some changes in the method of preparation and the appearance of the Bulletin of the Entomological Society of Canada. The content and emphasis will also change slightly, adapting to the needs of the society as expressed by the members. Later this year, recent issues of the Bulletin will be placed on a website where the links mentioned in articles and ads can be used to find more information. Suggestions regarding Bulletin format and desired content are welcome. Members can help to keep the Bulletin current and useful by submitting news items, meeting announcements, award information, plans for workshops, or short articles to the Editor. Send questions or written material (other than Book Reviews, which go to the Chair of the Publications Committee) to JohnsonDL@em.agr.ca, or by mail to the address shown on the Society Business page.

NEWS OF ORGANIZATIONS

Meetings and workshops



ESA 2001 Annual Meeting

Town and Country Resort and Convention Center, San Diego, CA, December 9-12, 2001

La réunion annuelle de l'ESA 2001 se tiendra au "Town and Country Resort and Convention Center", San Diego, CA, du 9 au 12 décembre, 2001.

For more information, contact: / Pour plus d'informations, veuillez communiquer avec :

Mike Gray or Kevin Steffey, 2001 Program Co-Chairs

Turner Hall, Department of Crop Sciences

1102 South Goodwin Avenue

University of Illinois, Urbana, IL, 61801

Tel: (217) 333-6652, Fax: (217) 333-5245

m-gray4@uiuc.edu or ksteffey@uiuc.edu

Meeting announcement received from Natural Resources Canada / Ressources naturelles Canada:

Old-growth forests in Canada: a science perspective / Les forêts anciennes du Canada: un point de vue scientifique. Oct 15 - 19, 2001, Algoma's Water Town Inn, Sault Ste. Marie, ON.

Program information / Pour renseignements sur le programme: Bruce Pendrel, (506) 462-3505

The 27th Annual **North American Butterfly Association** July 1 Butterfly Count, 2001:

See www.naba.org or contact NABA Butterfly Count, 4 Delaware Road, Morristown, NJ, 07960 USA; tel (973) 285-0907, fax (973) 285-0936

The 50th Annual Meeting of the **American Society of Tropical Medicine and Hygiene** will be held Nov 11- 15, 2001, at the Hilton Atlanta Hotel and Towers, Atlanta, Georgia (www.astmh.org). Contact Judy DeAcetis tel. (847) 480-9592, fax (847) 480-9282, e-mail astmh@astmh.org.

International Conference on Orthopteroid Insects. 8th meeting of the Orthopterist's Society, Montpellier, France, August 19-22, 2001 <http://os2001.cirad.fr/>

Entomological Society of Manitoba Annual and Scientific Meeting, Nov. 2-3, 2001 Freshwater Institute, University of Manitoba Campus, Winnipeg, "Insects on the Move"

First Announcement of 2002 Joint Annual Meeting hosted by the **Entomological Society of Manitoba**, in Winnipeg, October 6-9, 2002, Sunday to Wednesday. The meeting is scheduled to coincide with the spectacular bird migration along the Red River Valley, the pleasant autumn weather we experience in early October, and the possibility of late season insect collecting. The chair of the Organizing Committee is Don Dixon (204-945-3861, ddixon@gov.mb.ca) and the chair of the Program Sub-committee is Bob Lamb (204-983-1458, rlamb@em.agr.ca). Your suggestions for workshop and symposia topics or guest speakers are welcome. For more information see the ESM web site: <http://home.cc.umanitoba.ca/esm/meet-esc.html>.

The 2001 Annual Meeting of **la Société d'entomologie du Québec** meeting will take place in city of Beloeil, Québec, on November 8-9. Contact: Thierry Poiré, Secrétaire SEQ secretariat@seq.qc.ca

The 2001 Annual Meeting of the **Acadian Entomological Society** will take place August 22-24 in Charlottetown, PEI. See the website for details and agenda www.upei.ca/~aes or contact Rachael Cheverie, at rmcheverie@gov.pe.ca

The **4th Asia Pacific Conference of Entomology** that would be held 14-17 August 2001
Final announcement: <http://www.agri.upm.edu.my/~szakaria/apce/APCE.html>
General URL for conference: <http://www.mapps.org.my/mapps/APCE.html>

From Newsletter, **Arthropods of Canadian Grasslands**, Number 7, 2001:

A field excursion to Onefour, Alberta, is being organized for June 23 - July 8, 2001, to collect insects and related arthropods of the shortgrass prairie. Contact Rob Roughley, rob_roughley@umanitoba.ca

Ecological Sustainability of the Global Market Economy, August 23-25th, 2001, 4th Biennial Conference of the Canadian Regional Chapter (CANSEE) of the **International Society of Ecological Economics**, McGill University, Montreal, Canada, <http://www.mcgill.ca/mse/cansee>. Conference Secretariat e-mail outreach@mse.mcgill.ca or jay@mse.mcgill.ca, tel (514)398-5826 or (514) 398-5536.

Positions

Graduate Opportunity in **Forest Insect Population Dynamics** (M.Sc. or Ph.D) is available for students interested in spatial aspects and landscape ecology of forest insect population dynamics. Students should have an interest in population ecology, and a moderate quantitative background. The project will be developed by the student depending on their specific interests. Research funds are in place for the next 3-5 years, but students' grades must be competitive for either scholarships or Teaching Assistantships.

Contact: Dr. Jens Roland, Department of Biological Sciences, University of Alberta, Edmonton, Alberta, Canada T6G 2E9, tel: (780) 492-1180, fax: (780) 492-9234

<http://www.biology.ualberta.ca/roland.hp/roland.html>

Research Assistantships in **Insect Population Genetics:**

One assistantship will involve simulation of Western corn rootworm biology and the development of resistance management strategies for coleopteran active transgenic corn events. A second assistantship will be associated with our new Center of Excellence in Insect Rearing, and will examine the interaction of inbreeding and environmental stressors in colony populations.

Contact: Dr. Michael A. Caprio, Associate Professor, Dept. of Entomology and Plant Pathology, Box 9775, Mississippi State, MS 39762 USA
mcaprio@entomology.msstate.edu, tel. (662) 325-2985

Products, information and announcements

The American Institute of Biological Sciences, AIBS, announced recently that **BioOne** has now reached its first major milestone: licensing and getting online the full text of 40 journals (including journals of entomological interest). More information on the titles that comprise the inaugural collection of BioOne, and how it will be available, are given at www.aibs.org and www.bioone.org. BioOne is a Web-based aggregation of research publications in the biological, ecological and environmental sciences. It is a non-profit collaboration among scientific societies, libraries, and commercial providers. For further information, please contact Heather Joseph of BioOne at (202) 296-2296, ext 173; or heather@arl.org.

BIOSIS (est. 1926; www.biosis.org) and CSA (Cambridge Scientific Abstracts) have combined to produce an enhanced index called **Zoological Records (ZR) Plus**, available through the CSA Internet Database Service.

Other zoological database software of interest to entomologists is available from <http://www.biosis.org.uk/zrdocs/zoolinfo/software.htm>

TAXIS (Taxonomic Information System) Windows software is available from <http://taxis.virtualave.net/>. TAXIS can be used for development of interactive identification systems, keys, pictures guides, and collection databases.

Information on the **Integrated Taxonomic Information System (ITIS)** - "Système d'Information Taxonomique Intégré" (SITI) is available at <http://sis.agr.gc.ca/itis/>, and the US site, <http://www.itis.usda.gov/whatsnew.html>. ITIS is a partnership of U.S. and Canadian agencies, other organizations, and taxonomic specialists cooperating on the development of an on-line, scientifically credible, list of biological names focusing on the biota of North America.

Announcing **NSERC grants and research news** - a list of recipients (including some of our members) is shown at www.nserc.ca/media_e.htm

Announcement: U.S. Examinations for **Professional Foresters** (includes Forest Protection). Applications and detailed information on qualifying experience and education may be obtained from Professional Foresters Registration, 1416 9th Street, Room 1506-16, P.O. Box 944246, Sacramento, California 94244-2460. Phone (916) 653-8031.

A new CD on **Italian Cerambycidae** is available from the Natural History Museum of Carmagnola (Turin - Italy) and the "Centro Studi Ecologici Appenninici" of Abruzzo National Park. It shows the photos of all Italian species of Cerambycidae (about 300 species).

<http://web.tiscalinet.it/cerambycidae/cerambycidae/atlas/index.htm>

Senior Plant Pathologist (includes IPM of diseases and insect pests)

CDF Human Resources Office, Attention: Laurie Kursar, 18-1

P.O. Box 944246, Sacramento, CA 94244-2460

<http://jobs.spb.ca.gov/forms/stateapp.cfm>

Seeking Post-Doctoral Fellowship: I have recently received Ph. D. degree in monitoring American boll-worm *Helicoverpa armigera* (Hueb.) through pheromone trap and control of American boll-worm by using insect pathogen, *Bacillus thuringiensis* (Berliner). I am interested in post-doctoral research in the USA or Canada.

Reply to Dr. Khaliq Ahmed

(drkahmed@isb.paknet.com.pk)

News item:

Well-known Canadian entomologist Dr. Mark Winston has been named Academic of the Year at Simon Fraser University. Professor Winston was recognized for his "on-going efforts to explain science and university research to the public".

Some memorable messages from his acceptance speech:

Academia is a profession of intense human interaction, with laboratory groups, meetings of professional organizations, and an inordinate fondness for late-night, free-ranging debate. Scholars contribute this love of verbal interplay and discussion to our civilization, and by example and interaction further enrich all of us...

If academics have a communal fault it is fear of exposing the emotion underlying scholarly pursuits. What is visible to the public often stops at data and intellect. The cliché of a bookish academic misses the intense feelings evoked by studying nature and human society, and the fierce pleasures derived through inquiry and discovery.

Editor's note, on our bilingual nature:

We are grateful to Dr. Lucie Royer and the members of the Bilingualism Committee for their efforts, often on short notice, in translating Bulletin submissions and notices. (Occasionally the current Editor will give it a try on minor sections; any errors or typos that appear are almost certain to be the Editor's fault.)

OUR HERITAGE

Net, Shovel And Screen

This series continues to present the occasional light-hearted reflections on the heritage of field entomologists. Contributions are welcomed from all field entomologists, regardless of number of years of experience.

THE LOOK-ALIKES

"I wonder what has happened now," thought Jason as he struggled to get the key into the ignition of his automobile. "It's the right key, but it won't work."

Jason had taken his government car — a 1941, black, two-door, Dodge vehicle — into the garage in Mossbank, Saskatchewan for an oil change. He was on the annual grasshopper abundance survey in the southern part of the province and had reached the town just in time for lunch.

"I'll take the car in for an oil change while I get something to eat. After lunch I will be all set to go without having to idly wait for the servicing of the car." So it was that he found himself in the garage after lunch and ready to drive away. The serviceman had told him that car was ready, he had paid the bill, and was now all set to take off. Yet he could not get the key to work in the ignition.

He sat in the car and held the key up for a final inspection to make sure it was the right one. A hand appeared through the open window and in it was another key. "Here, try this one," said a voice belonging to the individual standing beside the car. Jason looked up at the tall man with the smiling face that beamed from underneath a broad Stetson hat.

The sight of the RCMP officer startled Jason for a moment. Then he realized that the car he was in was a police cruiser, a Dodge car identical to his own. The two vehicles were parked side by side, both emblazoned with government name-decals on their respective door panels. He was in the wrong car.

"Sorry, Officer," apologized a red-faced Jason, as he got out of the police car and went to the adjacent one marked 'CANADA AGRICULTURE.' "I guess the Chrysler Corporation got the bid to supply government cars in 1941, and we are all driving look-alikes. My key works just fine in this car. So long."

Paul W. Riegert
Regina, Saskatchewan

OUR HERITAGE

Who was LS McLaine?

The following article is adapted from the Atlantic Forestry Centre in-house newsletter *Out on a Limb* wherein it was published in celebration of the Canadian Forestry Service centennial "A Century of innovative solutions".



Dr. Leonard Septimus McLaine started in 1913 as a field officer of the Division of Entomology in charge of the brown-tail moth survey, with headquarters in Fredericton. Many of his published articles deal with this insect and it certainly played a role in shaping his destiny.

The brown-tail moth had been introduced into Massachusetts on imported nursery stock about 1897. It feeds on leaves of a wide variety of broad-leaved fruit, forest, and shade trees. The larvae bear nettling hairs that cause severe skin irritation and can be life-threatening when inhaled in quantity. The species was found in New Brunswick and Nova Scotia soon after the turn of the century and resulted in a major search-and-destroy operation. Subsequently, natural enemies, especially a fungus disease, reduced the populations to inconsequential levels and in the Maritimes the insect found its northern distribution limit.

McLaine was transferred to Ottawa in 1919, where he was made Chief of the newly formed Division of Foreign Pests Suppression which, after various transformations, is now part of the Canada Food Inspection Agency. He occupied a series of responsible appointments, culminating in that of Dominion Entomologist and Assistant Director of Science Service. Throughout his career he had a profound influence on the direction of research in forest biology in Canada. Through his activity as a charter member of the Professional Institute of the Public Service of Canada he also played an important role in improving conditions for his fellow workers and for the entire civil service.

McLaine was born in England in 1887, and was taken to the USA by his father 10 years later. He earned a BSc and MSc in entomology and paleontology at Boston University and Massachusetts State College. He was awarded an honorary DSc from his alma mater in 1943 "in recognition of his accomplishments and meritorious service in the field of entomology". He died two months later.

Doug Eidt, Keswick Ridge, NB

Reference: Entomology Newsletter 33(4):2

OUR HERITAGE

Who is ML Prebble?

The following article is adapted from the Atlantic Forestry Centre in-house newsletter Out on a Limb wherein it was published in celebration of the Canadian Forestry Service centennial "A Century of innovative solutions".



Dr. Malcolm Lawrence Prebble was born in Saint John NB in 1909, and was associated with the Dominion Entomological Laboratory at Fredericton from 1928 to 1940. His influence on forest entomology, indeed on federal forestry, has been profound.

Prebble won academic awards in his first and third years at University of New Brunswick and took the Governor General's Medal on graduation in 1930. His work led to MSc (1932) and PhD (1940) at McGill University. In 1965, he was awarded the Gold Medal of the Entomological Society of Canada, the highest honour awarded by Canadian entomologists.

At Fredericton, his earliest work on bark beetle development demonstrated a strong interest in the application of statistical methods to biological systems. His major contribution was a study of diapause and population ecology of the European spruce sawfly, which threatened the existence of commercial stands of spruce in eastern Canada. His Gold Medal citation states that his work has had a salutary influence on the tone and character of ecological research in forest entomology in Canada and elsewhere.

After Fredericton, Prebble organized a forest entomology laboratory at Victoria in 1940. and directed research there. He was transferred to Sault Ste. Marie in 1945, where he developed a strong research program for Ontario. He succeeded JJ deGryse in Ottawa as Director of the Forest Biology Division in 1952. When the Department of Forestry was formed in 1960, he became the Director of the Forest Entomology and Pathology Branch. In 1965, the four Branches of the Department were amalgamated as the Canadian Forestry Service, with Dr Prebble as Assistant Deputy Minister, and so he continued to have increased responsibility as the CFS evolved under the aegis of various departments. In 1973 he became Special Advisor to the Minister and, in that capacity, organized and edited the well conceived, multi-authored *Aerial Control of Forest Insects in Canada*.

Dr Prebble, a great among other talented people who started at the Fredericton laboratory, was our gift to Canada. He honoured us by his success in making the Canadian Forestry Service what it is today. He lives in well earned retirement in O'Reilly's Retirement Home, Kars, Ont. When I last heard, in May 2001, in his 92nd year his mind was as sharp as ever, but he had difficulty communicating even by writing because of partial paralysis of his arm. We wish him well.

Doug Eidt

Reference: 1965 ESC Gold Medal Citation; Bull. ESC 6:87-89, 1974

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