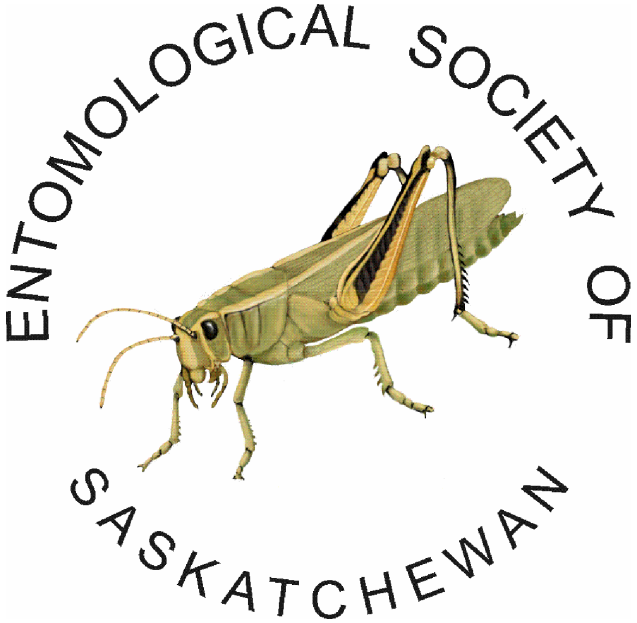
Proceedings of the



Volume 53

2005

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Proceedings of the Entomological Society of Saskatchewan

Volume 53 Editor: Brian Galka

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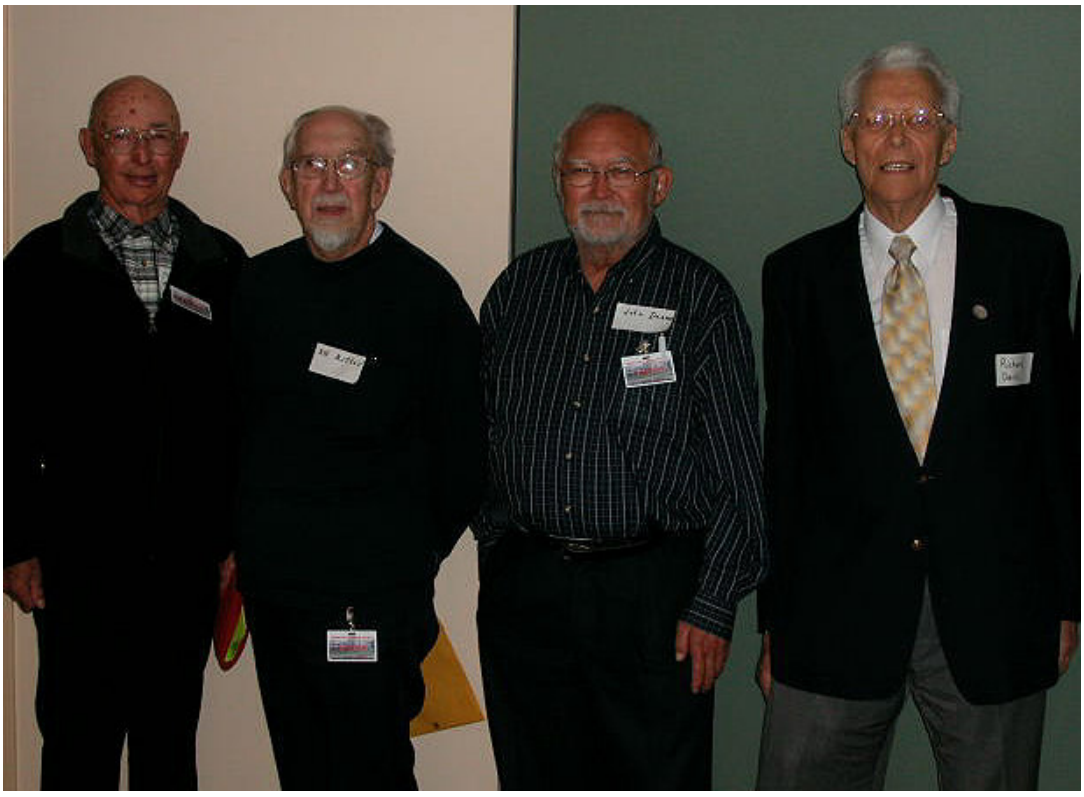
Editor's Comments

This year marked the 100th anniversary of Saskatchewan becoming a province of Canada. To mark the occasion, a nostalgia edition of the ESS Newsletter was published on April 04, 2005. The edition featured photographs of past and present members of the Society which are contained in materials belonging to the ESS Archives. Included in this edition was a first-ever

life list of all of those who currently belong or have at one time belonged to the Society as well as their function(s) in the Society from its inception until 2005.

The Society had 50 members for 2004/2005, including 42 full and 8 student members. Included in this number are 5 Lifetime Members. This number remains the same as the 2003/2004 membership.

The Society lost two members in 2005. Dr. Alfred (Alf) Arthur passed away on March 9th, 2005 at the age of 80. In 1947, Alf started his career at the Dominion Parasite Laboratory at Belleville, Ontario. He came to Saskatoon in 1972 where he worked on biological control of oilseed crop insects, which including *Microplitus mediator* as a control measure against the bertha armyworm, *Mamestra configurata* (Walker). During his career, Alf also worked with the sunflower moth, *Cochylis arthuri*, as well as its parasitoid, *Bassus arthurellus*. Both species were named after him. Alf joined the Society in 1973, served as Vice-President of the Society from1979-1980, President from 1980 to 1981, and Proceedings Editor in 1973.
Dr. Gordon Richard Davis passed away on November 23rd , 2005 at the age of 80. Like Alf Arthur, Richard Davis also began his career at the Biological Control Unit at Belleville, Ontario. Richard came to Saskatoon in 1952, where he worked on insect nutrition, insect enzyme systems, feeding behaviour and insect reproduction at the Dominion Entomological Laboratory for the next 33 years. Richard served as Vice-President of the Society from 1959 to 1960.



Some of the Founding Members of the Entomological Society of Saskatchewan Taken in 2003
Left to right: Malcolm 'Mac' MacLeod, Alfred 'Alf' Arthur, John Doane, Richard Davis

Executive, Officers and Committee Members 2004/2005

Executive:

President..... Phil Curry
Vice President..... Art Davis
Past President..... John Gray
Secretary..... Larry Grenkow
Treasurer..... Dwayne Hegedus
Regional Director..... Lorraine Braun

Auditor: Wayne Goerzen

ESS Committees:

Newsletter – Brian Galka
Teaching of Entomology – Cedric Gillott
Student and Amateur Encouragement – Chrystel Olivier
Proceedings – Brian Galka
A.R. Brooks Award – Art Davis
Microscope – John Kozial
Fall Meeting – Cedric Gillott
Nominations – Julie Soroka
ESS Membership – Dwayne Hegedus

Minutes of the Spring Meeting of the Entomological Society of Saskatchewan

Agriculture Canada Research Station, Saskatoon

13:30, April 29, 2005

PRESENT: Lorraine Braun, Murray Braun, Phil Curry, Art Davis, Martin Erlandson, Stephanie Ethier, Cedric Gillott, Jack Gray, Larry Grenkow, Anna Leighton, Nina Mohr, Keith Moore, Tyler Wist, Brian Galka and Scott Hartley

The meeting opened with a presentation by Dr. Bob Randell on the theme "Retirement and Zen Gardening – My Life as a Recently Eclosed Curator". The business meeting commenced at 14:30.

1. Call to order at 14:30 by President Phil Curry.

2. The agenda was reviewed and amended.

3. **MOTION**: Grenkow/ Olfert. THAT the minutes of the Fall Meeting, November 26, 2004, be adopted. **CARRIED.**

4. **Business arising from the minutes**.

4.1 ESC-ESS Joint Annual Meeting

Dwayne Hegedus, Wayne Goerzen, and Keith Moore have done some groundwork. The two favoured venues for the meeting are the Radisson Hotel and the Delta Bessborough. They require two years advance notice to reserve the facilities. It was the choice in the past, and the Radisson is probably the best venue for our type of event. People also like the Bessborough. Early to mid October 2007 the facilities are currently available for our use. In 2007, Thanksgiving will be on October 8.
Those in attendance agreed that the Radisson is the best option. Another decision to be made is whether to run the event from Sunday to Wednesday, or from Friday to Monday. Traditionally it has been held from Sunday to Wednesday, and that is what people expect. . Generally the Western Forum is held the 2nd week of October. The week of Sept. 28 – Oct. 6, prior to Thanksgiving might be the best time for the meeting.

> **ACTION:** Lorraine Braun will invite feedback from the ESS membership to gauge what is the preferred option.

The ESC has a manual on how to organize a meeting. Preparations really only need to get started 18 months in advance. Dwayne will take on the general chairman role of the meeting. Cedric will chair the scientific committee. Keith volunteered to be on the local organizing committee, Dwayne on the finance committee, Brian Galka on the audio visual, and Tyler and Nina on the student committee.

5. **Treasurer's Report** – Dwayne Hegedus

See Appendix A.
There are 53 members this year. Interest income, not memberships, is the Society's main source of income. There is about $2400 in the chequing account. Printing costs are down substantially since Brian took over as editor. Chrystel and Brian have been purchasing upgrades to the insect collection. Some parts of the collection are in need of repair.

> **MOTION:** L. Braun/ Hartley. THAT the Treasurer's Report be adopted. **CARRIED**.

6. **Secretary's Report** - Larry Grenkow

The website was updated in December, but in the new year it was noticed that the changes hadn't taken effect. It was spring when the cause of the problem was finally understood, so that now the site correctly lists the names of the current executive. The site has received 2700 hits since its inception.

MOTION: M. Braun/ Gillott. THAT the Secretary's Report be adopted. **CARRIED.**

7. Report of the Newsletter and Proceedings Editor – Brian Galka.

See appendix B.

Phil commended Brian for a job well done on the recent and timely nostalgia issue.

MOTION: Erlandson/ Gray. THAT the newsletter and proceedings reports be adopted. **CARRIED.**

8. Regional Director's Report – Lorraine Braun.

See appendix C.

The ESC met last weekend and there is no information yet from the meeting, except that they are extending to the end of May the deadline for nominations for the Gold Medal Address for the 2005 meeting and for the C. Gordon Hewitt Award.

MOTION: Erlandson/ Galka. THAT the report be adopted. **CARRIED.**

9. Committee Reports

9.1 Student and Amateur Encouragement – read by Brian Galka for Chrystel Olivier

See Appendix D.

Phil applauds the committee for their good work and relays that he is hearing lots of praise by the public about work done by the ESS.

9.2 Heritage Committee – Cedric Gillott and Martin Erlandson

The committee needs to organize and catalogue the archives and decide what to transfer to the U. of S. for storage.

MOTION: Olfert/ Erlandson. THAT the committee reports be accepted. **CARRIED.**

10. New Business

10.1 Public Relations – Chrystel Olivier

At Gardenscape and other occasions the public ask for information about the society. Pamphlets and membership applications should be available for distribution.

Owen thinks he has an old pamphlet/ application that he can dig out and use as an original, and he notes that Agriculture Canada has a business card template that can be used as a format for ESS business cards.

> **ACTION:** Art and Owen will develop a business card and membership application/ brochure.

10.2 Biological Survey of Canada – Owen Olfert

The BSC committee meets twice a year, in spring and fall. One of their tasks will be to add lists to the Biological Survey of Canada website. The fall meeting usually is held in association with the ESC meeting.

10.3 Insectaria at the Zoo and Free Range Butterfly Display – Phil Curry for Tyler Wist.

> **ACTION**: Chrystel will act as a liaison who will contact the representation at the zoo. Someone should talk to the people at the Devonian Gardens.

10.4 Teaching Position in Biology at the U. of S. – Cedric Gillott

The U. of S. is looking for a sessional lecturer to teach the middle portion of the 2nd year zoology class.

10.5 Fall Meeting – Cedric Gillott

Phil proposed that instead of a scientific meeting, the fall meeting be a field trip to Grasslands National Park, Big Muddy, or Great Sand Hills in mid September. The final details are left to the executive.

10.6 Eligibility for Brooks Award – Nina Mohr

During the winter Nina proposed to the executive a list of criteria that could be used when judging eligibility for the Brooks Award. The executive very much appreciates Nina's recommendations for helping to structure the judging process. Art reports that some of the executive have reviewed Nina's recommendations, which will be presented at a subsequent executive meeting.

The meeting adjourned at about 4 pm.

Minutes recorded by Larry Grenkow, Secretary

APPENDIX A

ENTOMOLOGICAL SOCIETY OF SASKATCHEWAN
MEMBERSHIP AND INTERIM FINANCIAL REPORT

01 September 2004 – 31 March 2005

MEMBERSHIP

To this point in 2004-2005 the ESS has 53 members (47 full and 6 student – 5 Life Members) of which 34 are in good standing.

ESS GENERAL ACTIVITIES

The main sources of income were from membership dues with $395.00 collected and interest income of $1121.16 during this period.

FINANCE

The ESS total assets are as follows:

Term Deposits	$32,000.00 (2 @ $10,000 and 1 @ $12,000)
Accrued Interest	304.89
Chequing	2,407.05
Outstanding deposits	90.00
Total	34,801.94

The Society's Registered Charity and Non-Profit Corporations status were renewed.
The Society's Registered Charity Tax Return was filed in November.

Please refer to the enclosed financial statement for further details.

Financial Statement – Entomological Society of Saskatchewan
01 September 2004 – 31 March 2005

MAXIMIZER ACCOUNT (ESS)

Receipts:

Memberships $	395.00
Outstanding deposits	90.00
Interest (CU Maximizer and Term Deposit)	1121.16
TOTAL	1,606.16

Expenditures:

Printing	52.66
Minister of Finance	10.00
Brooks Award	500.00
Meeting Expenses	288.29
Postage	88.91
Bank Charges	26.60
Misc.	336.02 (Insect Collections)
TOTAL	1,302.48

Excess of Receipts over Expenditures $ 303.68

APPENDIX B

ESS Proceedings Report

The 52nd edition of the Proceedings of the Entomological Society of Saskatchewan, covering events and minutes from 2004, was published in January 2005 and circulated to members on February 1st. Included within these proceedings was the program of the Joint Annual Meeting of the Entomological Societies of Alberta and Saskatchewan. The joint meeting was held at Lloydminster, Alberta, from October 28-30, 2004. A copy of the 52nd edition of the Proceedings has been forwarded to the Saskatchewan Archives. In return, the Society was acknowledged for its contribution in the form of a certificate from the Saskatchewan Archives Board.

The editor wishes to thank Cedric Gillott, Phil Curry and Larry Grenkow for their assistance in the preparation of this edition of the Proceedings. Suggestions regarding the format and content of the Proceedings are always welcome.

ESS Newsletter Report

The first edition of the Newsletter of the Entomological Society of Saskatchewan for this calendar year was published on January 28, 2005. This edition was circulated to society members on February 1st along with the 52nd Proceedings of the Entomological Society of Saskatchewan. The editor wishes to thank Nina Mohr, Cedric Gillott, Larry Grenkow, Jack Gray and Lorraine Braun for their assistance in the preparation of this issue.
A nostalgia edition of the newsletter, featuring archived material left to the Society by the late Dr. Paul Riegert, was completed on April 4th, 2005. This issue contains a life list of all members which have been or currently are members of the Society. Included in the life list are positions which have been held by members within the Society since its inception. The source of material for this list was the Proceedings of the Entomological Society of Saskatchewan, as well as minutes from the first few meetings of the ESS, which are housed in the Saskatchewan Archives located on the University of Saskatchewan campus. The editor wishes to thank Ralph Underwood and Cedric Gillott for their assistance in the preparation of this issue of the newsletter.

Comments, suggestions and submissions with regards to issues are always welcome. It is anticipated that the next issue of the Newsletter of the Entomological Society of Saskatchewan with be forthcoming in late summer or early fall of 2005.

Respectfully submitted,

Brian Galka
Editor, Proceedings and Newsletter of the Entomological Society of Saskatchewan
April 29, 2005

APPENDIX C

ESS Youth and Amateur Encouragement Report
April 29th 2005

Adult and Youth Activities

Brian Galka took the ESS pinned insect collection to Territorial Drive Alliance Church in North Battleford on Sunday, April 10, to show the kids in Sunday school some of the diversity in insects.
Chrystel Olivier gave three entomological presentations at the Confederation Park School to students, gr. 1-4, on February 15 and March 4, 2005.
Cedric Gillott gave the "Insects in Your Yard and Garden" Class at the end of February, 2005.

This year at Gardenscape, there was no Little Green Thumbs School Tour program as the kids were on a school break at the time of the show, April 1-3, 2005. However, the ESS booth was present for the show as in past years. The show began at noon on Friday, April 1 and ran until 5 p.m. on Sunday, April 3, 2005. Thanks to Allison Paton for preparing live insect displays and to Cedric Gillott for bringing live cockroaches at the booth. Thank you to Ruwandi Andrahennadi, Stephanie and Rod Ethier, Martin Erlandson, Brian Galka, Cedric Gillott, Natalie Labbe, Keith Moore, Owen Olfert, Julie Soroka, Melissa Strom, Tyler Wist and Limei Zheng for staffing the booth and answering a lot of "bug" questions.

Insect Display

A few more insects embedded in plastic or displayed in boxes were purchased with the funding coming from the ESC. The embedded insects are greatly appreciated as the kids can manipulate them without damaging them.

Respectfully submitted,

Chrystel Olivier
Chair, Youth and Amateur Encouragement Committee
April 29, 2005

APPENDIX D

Regional Director's Report from the Entomological Society of Saskatchewan

The Fall business meeting of the Entomological Society of Saskatchewan was held on 26 Nov. 2004 at AAFC, Saskatoon. Prior to the business meeting, there was a presentation by visiting researcher Emine Cikman, from the University of Harran, Turkey, whose interests lie in the area of parasitoids of leaf miners in Southeast Turkey. Treasurer Dwayne Hegedus reported that the ESS had 59

members in good standing. Funds ($600) received from the ESC for the past 2 years for donations to the Youth and Amateur Encouragement Committee will be spent on new insect collections and a CD ROM. Brian Galka, Chrystel Olivier and Cedric Gillott all participated in presentations of an entomological nature to the public. This year's winner of the A.R. Brooks Prize in Entomology is Mr. Daniel Contreras, an M.Sc. candidate in the Department of Biology, University of Regina. Daniel's graduate work deals with the molecular systematics and evolution of the grasshopper subfamily Gomphocerinae, and is being supervised by Prof. William Chapco. Plans have begun to host the joint ESC-ESS Joint Annual Meeting in 2007. Cedric Gillott will be Chair of the Scientific committee. By spring, committees should be in place and information should be known about when hotels are available and what the competing meetings are so that a date for the joint meeting can be arrived at. The Spring Business Meeting will be held on Friday, April 29 2005, in the second floor conference room, Agriculture and Agri-Food Canada.

Tara Gariépy, jointly supervised by Dr. Erlandson and Dr. Gillott (U. of S.) in a PhD program, is the recipient of an NSERC, Canada Graduate Scholarship. The scholarships are awarded to the most outstanding eligible scholars pursuing master's or doctoral studies in a Canadian university.

Members of the ESS staffed the trade booth at the Saskatoon Prairieland Exhibition Corp. Gardenscape from 1 - 3 April 2005. Displays included live and pinned insects, and posters.

The Entomological Society of Saskatchewan recently lost two long-time members, Dr. Alfred Arthur (d. 9 March 2005) and Dr. Lorne Paul (d. 16 December 2004), both retired entomologists in Saskatoon. Dr. Arthur joined the ESS in 1973, served as President in 1980, and participated in the 50th Anniversary celebrations of the ESS in May 2003. Alf retired from AAFC in 1989 with 42 years of service. Dr. Paul worked for the Dominion Entomological Laboratory in Saskatoon from 1930 to 1944; he then joined the University of Saskatchewan as a professor in the Extension Department.

The executive for 2004 includes President - Philip Curry; Past President - Jack Gray; President Elect -Art Davis; and Regional Director - Lorraine Braun. Executive staff includes Secretary - Larry Grenkow; Treasurer - Dwayne Hegedus; and Proceedings Archives and Newsletter Editor - Brian Galka.

Respectfully submitted

Lorraine Braun

Minutes of the Fall Meeting of the Entomological Society of Saskatchewan

Agriculture Canada Research Station, Saskatoon
2nd Floor Conference Room
13:30, Dec 2, 2005

PRESENT: Harvey Anderson, Doug Baldwin, Lorraine Braun, Murray Braun, Phil Curry, Art Davis, Bob Elliott, Martin Erlandson, Brian Galka, Tara Gariepy, Cedric Gillott, Jack Gray, Larry Grenkow, Margie Gruber, Dwayne Hegedus, Xingwei Hou, William Hrycan, Keith Moore, Chrystel Olivier, Keith Roney, Ivor Smith, Remko Verspui, Tyler Wist.

Call to order at 13:30 by President Phil Curry.

1. Introductions were made, new members were welcomed. The business meeting was preceded in the morning by scientific talks on their research by graduate students Tyler Wist, Remko Verspui, Umut Toprak, and Tara Gariepy. Lorraine Braun awarded the best student talk to Tara Gariepy. Thank you to Lorraine and Bob Elliott who kindly agreed to be judges of the student talks. Tyler Wist was winner of the Brooks Award, presented by Art Davis.

2. The agenda was approved.

3. **MOTION:** Erlandson/ Gillott. THAT the minutes of the Spring Meeting, April 29, 2005, be adopted. **CARRIED.**

4. Business Arising From the Minutes.

4.1 ESC-ESS Joint Annual Meeting

Lorraine Braun will give a report later in the agenda.

4.2 Public Relations Brochures & Business Cards.

Art Davis confirmed that Owen Olfert and Art have developed a brochure and a business card for the ESS. The brochure could be made available on the web site.

5. Treasurer's Report - Dwayne Hegedus

See Appendix A.
The bank balance is robust and improving. Membership is stable.

MOTION: Wist/ Olivier. THAT the Treasurer's Report is accepted as submitted. **CARRIED.**

6. Secretary's Report - L. Grenkow

I attended and recorded the minutes of the April 29, 2005 ESS spring meeting.
This summer I received images from the October 2004 joint meeting between the ESS and the Entomological Society of Alberta. Some of the best of those images are now on the

ESS website.
I wish to relinquish my role as ESS webmaster, and am looking for a volunteer to take over maintenance of the site.

Upon delivery of the Secretary's Report, entomology graduate student Remko Verspui volunteered to work on a new design for the website. We will also investigate the costs and benefits of acquiring a unique and permanent ESS website domain name, from which browsers will be redirected to wherever the site is being hosted. Persons interested in assuming the webmaster duties please contact the Secretary.

MOTION : Erlandson/ L. Braun. THAT the Secretary's Report be adopted. **CARRIED**

7. **Newsletter Report** – Brian Galka

"The last edition of the ESS Newsletter was published on September 9 , 2005. The editor wishes to thank Cedric Gillott, Larry Grenkow, Chrystel Olivier, Murray Braun, Phil Curry, and Ron Hooper for their input. The next edition will likely be forthcoming in spring 2006. Submissions and suggestions are always welcome."

Brian is commended for a very good job in editing and publishing the newsletter and proceedings.

MOTION :Galka/ L. Braun. THAT the newsletter editor report be adopted. **CARRIED.**

8. **Regional Director's Report**. – Lorraine Braun.

Lorraine presented a report summarizing ESS activities to the ESC/ ESA joint annual meeting held at Canmore in October, 2005. See appendix B for her report to the ESS on ESC activities.
In November 2005 Lorraine forwarded, from Terry Shore, Annual Meetings Committee Chair and second Vice-President ESC, to the ESS executive a "survey for refinements to the arrangements between the Entomological Society of Canada and the Regional Societies for Organization and Operation of Joint Annual Meetings". After some discussion, the executive arrived at the following responses to the survey.

1) The ESS will host the 2007 joint annual meeting. Entomology societies including ours are shrinking, so in the near future new strategies will have to be found for hosting the JAM.
2) Guidelines are available from the ESC for ensuring the quality and consistency of the joint annual meetings. The ESS recommends that the Regional Rep should be the intermediary between the national and local society, sharing information back and forth about requirements and organizing activities.
3) Currently the ESC provides seed money for running the JAM. There is an understanding that the ESC will bear 50% of any losses. The ESS will continue with their arrangement that any profit above the seed money be shared 50-50 and that the ESS has a say in what the ESC does with their share of the profit.

9. Committee Reports.

9.1 Student and Amateur Encouragement – Chrystel Olivier

See Appendix D.

9.2 Brooks Award – Art Davis

"This year there were two applications received (both from the University of Saskatchewan) for the A.R. Brooks Memorial Award. The E.S.S. is indebted to Prof. Emeritus Cedric Gillott, Prof. Bill Chapco and Dr. Dwayne Hegedus who served as members of this year's Selection Committee. Thanks are also extended to Dr. Owen Olfert for production of a certificate to accompany the case prize. This year's recipient is Mr. Tyler J. Wist, who had conducted his M.Sc. research on insect pollination of two species of *Echinacea* (Asteraceae) in Saskatchewan."

9.3 Heritage Committee – Cedric Gillott

The committee was inactive over the summer.

The archives have been considerably enlarged due to inheritance of Paul Riegert's material. His material must still be sorted through to determine what is worth keeping. Some sorting has been done on behalf of the Criddle-Vane Homestead Heritage Committee. All archives in possession of the ESS are currently being stored in the sub-sub-basement of Agriculture and Agri-Food Canada, 107 Science Place, Saskatoon. Valuable material should be deposited in a safe place. None has been deposited at the University of Saskatchewan Archives or Sask. Archives. The process must begin first with assessing what is in our material, then informing University Archives or Sask. Archives to see if they are interested in it. Cedric, Martin Erlandson, and Brian Galka have intermittently been examining the material. Phil Curry said he will help.

ACTION: The heritage committee will report on the contents of the heritage material at the spring meeting, and will recommend what to do with it.

The ESS hasn't received a formal request from the Criddle-Vane Homestead Heritage committee for some of the ESS heritage material. The CVHH committee will make the request at their next spring meeting of their society.

9.4 Nominations – Phil Curry for Owen Olfert

The committee is to consist of three members in good standing. This year Owen Olfert and Julie Soroka were on the committee. It "shall nominate a least one candidate for each of the offices of President, Vice-President, Secretary and Treasurer, at least two candidates as auditors and, at every third annual meeting, one candidate to represent the Society on the Board of Governors of the Entomological Society of Canada." The only vacant position on the executive this year is Vice-president, for which Julie Soroka agreed to stand and won by acclamation. It is assumed the present auditors of the ESS accounts will continue in their role. Two ESS

members will review the books afterwards.

MOTION: Erlandson / Gruber. THAT all above reports be accepted**.** **CARRIED**.

10. New Business.

10.1 Margaret McKay Scholarship- Jack Gray.

Applications will be accepted next spring for the scholarship. It is open to female students in entomology in the Department of Biology. An individual can receive the scholarship only once.

MOTION: Gillott / Wist. THAT the report be approved after it is corrected to include Erin as one of the speakers. **CARRIED.**

10.2 Installation of the New Executive-

Art Davis took over the reigns of President from outgoing Phil Curry. Art thanked the executive for their work and support on ESS committees and activities. He thanked Jack Gray who is stepping down after three years on the ESS executive. Art noted that the year ahead will be a busy one, with the dominant item being the planning of the Joint Annual Meeting of 2007.

Incoming President's Remarks (Art Davis, Dept. Biology, U of S)

"I extend my congratulations and thanks to the incoming and continuing members of the E.S.S. Executive (Julie Soroka as Vice President, Phil Curry as Immediate Past President, Larry Grenkow as Secretary and Dwayne Hegedus as Treasurer) for 2005-06. I thank Phil for his service as President for this past year, and look forward to continuing to work with him on the Executive in the year ahead.
I also wish to thank my departmental colleague at the University of Saskatchewan, Dr. Jack Gray, for his service on the E.S.S. Executive for these past three years. We really appreciated your fine efforts on our behalf and there will likely be times I shall be calling on you for advice in the year ahead. It's lucky for me that our offices are next door to each other.
For the Society, it promises to be a busy year with the current business matters at hand, including continuation of the planning for the joint E.S.C. / E.S.S. meeting here in Saskatoon in 2007.
Thank you all for attending and for your input today. Also, a special thanks to the four graduate students in entomology who prepared and delivered excellent talks to start our meeting."

The meeting adjourned at 4:00 pm.

Minutes recorded by Larry Grenkow, Secretary

APPENDIX A

ENTOMOLOGICAL SOCIETY OF SASKATCHEWAN
MEMBERSHIP AND INTERIM FINANCIAL REPORT

01 September 2004 – August 30, 2005

MEMBERSHIP

In 2004-2005 the ESS has 50 members (42 full and 8 student – 5 Life Members) of which 37 are in good standing.

ESS GENERAL ACTIVITIES

The main sources of income were from membership dues with $525.00 collected and interest income of $1123.54 during this period.

FINANCE

The ESS total assets are as follows:

Term Deposits	$32,000.00 (2 @ $10,000 and 1 @ $12,000)
Chequing	2,268.10
Outstanding deposits	130.00
Accrued interest	739.17

Total 35,137.27 (34,991.89 in 2004)

- The Society's Registered Charity and Non-Profit Corporations status were renewed.
- The Society's Registered Charity Tax Return will be filed in December.

Please refer to the enclosed financial statement for further details.

Financial Statement – Entomological Society of Saskatchewan
01 September 2004 – August 30, 2005

MAXIMIZER ACCOUNT (ESS)

Receipts:

Memberships	$	395.00
Outstanding deposits		130.00
Interest (CU Maximizer and Term Deposit)		1123.54
Amateur Encouragement		0.00
Donation		16.00
TOTAL		1664.54

Expenditures:

Newsletter	86.86
Minister of Finance	10.00
Brooks Award	500.00
Meeting Expenses	332.29
Postage	88.91
Bank Charges	45.60
Misc (Insect Specimens)	336.02
TOTAL	1399.68

Excess of Receipts over Expenditures $ 284.86

Dwayne Hegedus

APPENDIX B

Regional Director Report to the ESS
2 December 2005

The 2005 Joint Annual Meeting of the Entomological Society of Alberta and the Entomological Society of Canada. Canmore, 2-5 November 2005

Summary of the ESC Conference

1. Awards

2005 Criddle Award Winner - Gary Anweiler (who was born in Melville, Saskatchewan) has become one of the premier experts on Noctuid moths in North America.
2005 C. Gordon Hewitt Award Winner - Dwayne Hegedus
2005 Gold Medal Award Winner - Peter G. Kevan

2. Plenary Speaker - Professor Michael Majerus “The Peppered Moth: Decline of a Darwinian Disciple”

2. President's Prize

48 oral presentations, 12 poster presentations

Winner in the Parasitoids and Biocontrol Session - Tara Gariépy with U Kuhlmann, C Gillott, M Erlandson - A molecular approach to evaluating the ecological host range of European Peristenus spp. (Hymenoptera: Braconidae), parasitoids of Lygus spp. (Hemiptera: Miridae).

3. Contributed Papers

52 oral presentations, 26 poster presentations.

4. Workshop: Delia Workshop - 5 presentations

5. Symposia - Five Symposia with a total of 35 presentations

The ESC Board Meeting took place at the Canmore Radisson Hotel on 2 November 2005. Executive members, Committee Chairs and Regional Directors presented reports, which will be included in the Minutes of the Governing Board Meeting to be posted in The Bulletin. A brief summary of items of importance include the following:

1. Strategic Review of the ESC passed the following motions:

1) Membership
   - move Membership Renewal to one month before the JAM
   - operate an ESC Membership desk at each JAM
   - encourage members of the Regional Societies to join the ESC
   - investigate on-line Renewal options
   - assess the Committee structure of the ESC

2) Finance
   - Finance committee works to ensure fees are neutral to currency changes
   - in conjunction with the Student Awards Committee, the Finance Committee make recommendations on the level of funding of the awards (increase amounts, not number of awards)
   - Treasurer provide Executive with mid-term Financial Summary
   - we have a new 4-year contract with NRC to publish TCE

3) Information Technology
   - establish an ad hoc committee to advise the ESC Board on how to collect and deliver electronic information (publishing, website, sales)

2. Miscellaneous

1) Richard Ring has tendered his resignation as Editor-in-Chief of TCE, effective 31 Dec. 2006
2) Paul Fields has tendered his resignation as Bulletin editor, with advertising for replacement in March 2006, effective in the fall, 2006.
3) Annual application deadlines for ESC scholarships will be changed to mid-February.

4) A CD of Maladies et Ravageurs des Cultures *LégumiΠres* au Canada is now available for sale ($20.00).
5) ESC 2006 will take place in conjunction with the SEQ at the Holiday Inn Midtown, Montréal PQ from 18-22 November 2006.

Lorraine Braun

APPENDIX C

November 21, 2005

To: Regional Directors of the Entomological Society of Canada

From: Terry Shore, Annual Meetings Committee Chair and Second Vice-President ESC

Re: Survey for Refinements to the Arrangements between the Entomological Society of Canada and the Regional Societies for Organization and Operation of Joint Annual Meetings

Dear Regional Director,

Please discuss the points below with your Regional Society board and get back to me with their responses and suggestions by January 31, 2006. These responses will be used to make recommendations to the Entomological Society of Canada board for any modifications to the arrangements for the Joint Annual Meeting.

Background: Traditionally the responsibility for organizing the Joint Annual Meeting has rotated amongst the regional societies, and the bulk of the organizational responsibility has rested with the hosting society. There are a number of arrangements and details that are required by the Entomological Society of Canada such as board meetings, receptions and awards and these are outlined in the document "Organization of the Annual Meeting of the Entomological Society of Canada" which is regularly updated. The Entomological Society of Canada has provided seed money to the organizing society for the JAM of up to $4,000.00 on request.

The ESC has recently completed a Strategic Review of its activities, and one of the issues arising from this was to re-examine our role in the Joint Annual Meetings. Some of the issues that need to be discussed and agreed upon are:

1. Willingness and ability of the regional societies to host the Joint Annual Meeting: some of the smaller societies have indicated that it is a strain on their resources (financial and personal) to host these meetings. For example, one suggestion was that Saskatchewan and Manitoba may want to jointly host a JAM so that there are sufficient numbers of people to help in the organization.

Question: Is your regional society willing to continue to host Joint Annual Meetings with the ESC or would you rather see other arrangements (please specify)?

2. Organizing the JAM is becoming increasingly complex as the number of required details relating to awards, timing of events, associated meetings, integrated symposia etc. has increased over the years. The lack of continuity in the organizing committees of the JAMs as a result of the rotating system of annual meetings causes concern that some important details will "slip through the cracks". Currently we have the document "Organization of the Annual Meeting of the Entomological Society of Canada" available to assist the organizing committee with the details of organizing the JAM but there is mechanism in place to ensure that this guide is carefully followed. Some suggestions have been made as to how we can feel more comfortable that all the details required for the execution of a successful JAM are taken care of and these range from:

   i) have an ESC JAM committee that organizes the annual meetings

   ii) have the Chair of the ESC Annual Meeting Committee sit on the hosting regional society's organizing committee to ensure that arrangements are consistent

   iii) expand the Annual Meeting Committee to include the immediate past, current and immediate future chairs of hosting society's organizing committee to try and improve continuity.

   Question: Which of the above options (or any other suggested options) would your society prefer to improve the quality and consistency of Joint Annual Meetings?

3. Currently there is a rather loose arrangement between the ESC and the hosting society regarding sharing of profits and losses from the JAM. There is an understanding that the ESC will bear at least 50% of the cost of any losses. If there is a profit, the seed money should be returned to the ESC, and any further profits shared with the ESC at the discretion of the hosting society. In recent years it has become traditional that half the profits in excess of returning the seed money be given to the ESC for inclusion in a scholarship fund chosen by the hosting society. This view, however, may not be shared by all hosting societies.

   The ESC would like to formalize the arrangements for profit and loss sharing with the regional societies. There are, of course, several arguments on both sides of this issue such as: i) if the regional society is doing most of the work why should it share the profits? ii) if it weren't for the ESC bringing its members to the meeting there would be no profits iii) if the ESC is willing to share or cover any losses why should it not share in the profits?

   Question: Does your society agree with the principle that if the ESC participates in the risk of loss for hosting a Joint Annual Meeting, and that any profits are as a result of the benefit of having the ESC attend a Joint Annual Meeting, that the ESC should share in the profits of that meeting? If the answer is no, what profit and loss sharing arrangement would you prefer and why?

   Finally, if there are any other suggestions for how we might improve the organization and function of the Joint Annual Meetings please pass these on.

Thank you,

Terry

APPENDIX D

Youth and Amateur Encouragement Report

December 02, 2005

Adult and Youth Activities

Ross Weiss gave two presentations to the kindergarten classes at Father Robinson School and did a presentation for the kindergarten class at St. Vladymyr School. Ross showed live and pinned specimens to the students and gave a slide presentation. The students made pitfall traps with plastic cups and Ross gave the students sticky cards to collect insects in the backyard. The cards were returned to Ross who sent back to the teachers the names of the specimens that were collected.

Chrystel Olivier gave two presentations about good bugs/ bad bugs to K-gr1-2 students at Royal West Early Learning Centre in July 2005. Live and pinned specimens were shown.

Brian Galka took the pinned insect display, some live stages of bertha armyworm and the arachnid display to Territorial Drive Alliance Church on Sunday, October 2nd. The children were looking at metamorphosis from a spiritual point of view. On August 21st, Brian also took a group of campers at Pike Lake Provincial Park on a Nature Walk. They found several species of grasshoppers as well as cabbage and sulphur butterflies.

In July 2005, Cedric Gillott gave a talk 'Bugs - Our Garden Guests' at the International Master Gardener Conference, at the U of S and also spoke to the children attending the Ecology Camp for Kids at the U of S, on 'How Aquatic Insects Breathe'.

Chrystel Olivier

Entomological Society of Saskatchewan – Fall Meeting – December 2, 2005

2nd Floor Conference Room, Agriculture & Agri-Food Canada, 107 Science Place

Proposed Program

1:00 – 1:05 **Welcome**

1:05 - 1:20 **Utilizing shrivelled style quantification to estimate the pollination efficiency of insects on *Echinacea angustifolia* inflorescences.**

Tyler J. Wist and Dr. A.R. Davis

Department of Biology, University of Saskatchewan

Identifying insects as true pollinators of *Echinacea angustifolia* can be accomplished easily and relatively quickly by comparing the number of shrivelled stigmas and styles with the number of unshrivelled (fully turgid) styles and stigmas on a previously unvisited and bagged inflorescence. Utilizing this novel method in conjunction with the more standard practice of pollen tube quantification the most effective pollinators of *E. angustifolia* in Saskatchewan were identified.

1:20 - 1:35 **Responses to visual stimuli during odour guided flight in the hawkmoth, *Manduca Sexta.***

Remko Verspui and John Gray
Department of Biology, University of Saskatchewan

Detection of pheromone in moths is sufficient to cause the stereotypical flight pattern, but successful odour guided flight (OGF) also requires input from other senses. Visual input plays an important role during OGF in maintaining a proper course and avoiding collision. This research looks at the effects of visual stimuli on OGF.

1:35 - 1:50 **Effect of an optical brightener on the viral activity of a Turkish isolate of SpliNPV-B against *Spodoptera littoralis* Boisd.(Lepidoptera:Noctuidae)**

Umut Toprak[1,2] and Oktay Gürkan[1]
[1] Department of Plant Protection, University of Ankara, Turkey
[2] Agriculture and Agri-Food Canada, Saskatoon Research Centre

Previous studies have shown that certain optical brighteners can improve virus activity in some baculovirus-lepidopteran host systems. In the current study, the impact of an optical brightener on SpliNPV-B infectivity for 3rd instar *Spodoptera littoralis* Boisd. (Lepidoptera:Noctuidae) larvae was evaluated using a lettuce leaf disk bioassay. The addition of 1 % Tinopal UNPA-GX to the virus suspension significantly increased larval susceptibility to NPV infection in terms of $LD_{50.}$ However, the mean time to death was not affected by the addition of 1 % Tinopal UNPA-GX for third instars at a dose of 3000 polyhedra.

1:50 - 2:05 **A Molecular Approach to Evaluating the Ecological Host Range of European Parasitoids of *Lygus* spp. (Hemiptera: Miridae)**

Tara D. Gariepy[1,2,3], Ulrich Kuhlmann[2], Cedric Gillott[3],
Martin Erlandson[1]
[1]Agriculture and Agri-Food Canada, Saskatoon Research Centre
[2]CABI Bioscience Switzerland
[3]Department of Biology, University of Saskatchewan

Molecular methods for detecting and identifying parasitoids within their hosts may expedite ecological studies prior to introducing exotic biological control agents. To

determine the utility of molecular diagnostics in non-target risk assessment of European parasitoids of *Lygus* (Hemiptera: Miridae), a multiplex PCR assay for *Peristenus* (Hymenoptera: Braconidae) was applied to field-collected target and non-target mirids.

2:05 - 2:15 Awards

2:15 – 2:30 Coffee

2:30 – 3:30 Business Meeting

C. Gordon Hewitt Award

The C. Gordon Hewitt Award is an award presented by members of the Entomological Society of Canada for outstanding achievement in Canadian entomology. The award is presented annually, to a member of the ESC who exemplifies outstanding entomological achievements and is under the age of 40. In 2005, Dr. Dwayne Hegedus was chosen as the recipient of the C. Gordon Hewitt Award as voted on by his piers. Dwayne was unable to attend the 2005 Annual Meeting of the Entomological Society of Canada which was held at Canmore, Alberta, however Lorraine Braun accepted the award for Dwayne on November 2, 2005.
The following is a brief biography of Dwayne as presented in a pamphlet prepared by the Entomological Society of Canada….Congratulations Dwayne!

C. Gordon Hewitt Award – Hegedus Biography

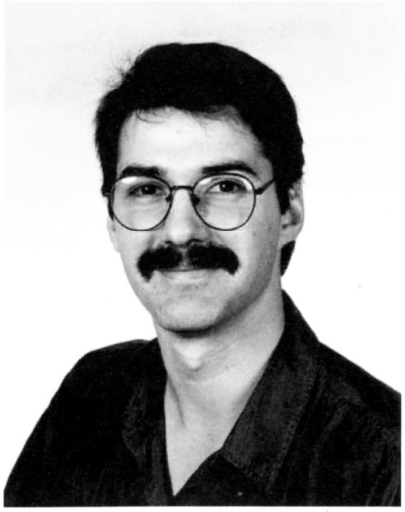
Dwayne Hegedus was born in Wakaw, Saskatchewan on October 29, 1966. He demonstrated a love for the outdoors and a keen interest in nature from an early age. He spent many summers at Wakaw Lake, where he earned extra pocket money by capturing and then selling minnows as bait. Throughout his childhood, Dwayne helped his father farm, an activity that he continued on weekends after moving to Saskatoon. He looked forward to helping on the weekends because he missed the outdoors. Perhaps it was listening to his father's complaints about the poor yields of his crops that led Dwayne to become a research scientist dedicated to developing better crops.

Dwayne completed a B.Sc. in microbiology at the University of Saskatchewan in 1988. Aided in part by scholarships from NSERC, the Entomological Society of Saskatchewan and the Pest Management Alternatives Office, Dwayne pursued graduate studies on the biochemistry and molecular biology of entomopathogenic fungi in the Bioinsecticide Research Laboratory at the same institution. He was awarded a M.Sc. and a Ph.D from the department of Applied Microbiology and Food Science in 1991 and 1995, respectively. During a NSERC post-doctoral fellowship at the University of British Columbia, Dwayne conducted research on development of vectors and protocols for the exploitation of insect cell culture lines as expression systems for eukaryotic proteins.

Since joining Agriculture and Agri-Food Canada in 1997, Dwayne has developed an internationally recognized and competitive research program in insect and disease resistance and transgenic technologies. He has developed genomic, proteomic and bioinformatics resources for five canola pests, which has greatly increased our understanding of digestive biochemistry, regulation of insect metabolism and nutrient uptake. Dwayne has been instrumental in establishing flea beetle and *Arabidopsis* as a model system to elucidate the molecular and biochemical bases governing insect–plant interactions. This project resulted in the identification of genes that regulate defences to flea beetles, or that are involved in the synthesis of insect bioactive phytochemicals. In addition to projects on *Sclerotinia* resistance and genetic modification of plants, Dwayne has recently developed a DNA-based system using species-specific PCR primers that accurately identify *Lygus* nymphs to species and determine the incidence of parasitism in a single reaction. These and other research projects have resulted in 35 scientific publications in peer-reviewed journals, 5 book chapters and reviews, 6 patents at the Canadian Intellectual Property Office, and over 50 conference presentations.

Although still early in his career, Dwayne is frequently asked to present his research results at national and international meetings, and to review papers for journals and grants for granting agencies. He is a member of the editorial board for Biopesticides International and the Canadian Journal of Microbiology and serves on several steering, advisory and assessment committees. He was chair of the Organizing Committee at the 1999 Joint Annual Meeting of the Entomological Societies of Canada and Saskatchewan and has served six terms as treasurer of the Entomological Society of Saskatchewan.

An adjunct professor at the University of Saskatchewan, Dwayne has supervised two graduate and three undergraduate students. He also contributes to undergraduate and graduate training by giving lectures.



ESS Membership

First name	Surname	Organization	Address	City	Prov	PostCode	W Phone	E-mail
Ruwandi	Andrahennadi	Agriculture Canada		Saskatoon	SK			
Alf	Arthur			Saskatoon	SK			
Muhammad	Ashfaq	Agriculture Canada		Saskatoon	SK			
Douglas	Baldwin	Agriculture Canada		Saskatoon	SK			
Mano	Benjamin			Saskatoon	SK			
Lorraine	Braun	Agriculture Canada		Saskatoon	SK			
Murray	Braun	Agriculture Canada		Saskatoon	SK			
William	Chapco	Dept. of Biology		Regina	SK			
Philip	Curry			Melfort	SK			
Art	Davis	Dept. of Biology, U. of S.		Saskatoon	SK			
John	Doane			Saskatoon	SK			
Lyle	Drew	Cyanamid Canada		Regina	SK			
Bob	Elliott	Agriculture Canada		Saskatoon	SK			
Martin	Erlandson	Agriculture Canada		Saskatoon	SK			
Stephanie	Ethier	Agriculture Canada		Saskatoon	SK			
Nathan	Froese	Bayer Inc.		Saskatoon	SK			
Keith	Gabert							
Brian	Galka	Agriculture Canada		Saskatoon	SK			
Cedric	Gillott	Dept. of Biology, U. of S.		Saskatoon	SK			
Wayne	Goerzen	Sask. Alfalfa Seed Producers' Ass'n		Saskatoon	SK			
Jack	Gray	Dept. of Biology		Saskatoon	SK			
Larry	Grenkow	Agriculture Canada		Saskatoon	SK			
Margie	Gruber	Agriculture Canada		Saskatoon	SK			
Lloyd	Harris			Regina	SK			
Scott	Hartley	Sask. Agriculture & Food		Regina	SK			
Dwayne	Hegedus	Agriculture Canada		Saskatoon	SK			
Jennifer	Holowachuk	Agriculture Canada		Saskatoon	SK			
Ron	Hooper			Fort Qu'Appelle	SK			
Xingwei	Hou	Agriculture Canada		Saskatoon	SK			
William	Hrycan			Saskatoon	SK			
Gordon	Hutchings	971 Avundel Drive		Victoria	BC			
Dan	Johnson	Agriculture Canada		Lethbridge	AB			
Paul	Kneeshaw			Humboldt	SK			
John	Kozial			Bjorkdale	SK			
Peter	Kusters	Agriculture Canada		Saskatoon	SK			

Anna	Leighton			Saskatoon	SK			
Peter	Mason	East. Cereal & Oilseed Research Centre		Ottawa	ON			
Alejandro	Matus	c/o Gustafson		Saskatoon	SK			
Rie	Miyazaki	University of Saskatchewan		Saskatoon	SK			
Nina	Mohr	Dept. of Biology		Saskatoon	SK			
Keith	Moore	Agriculture Canada		Saskatoon	SK			
Wade	Morrow	Parks & Recreation		Regina	SK			
Gillian	Murza	Dept. of Biology		Saskatoon	SK			
Owen	Olfert	Agriculture Canada		Saskatoon	SK			
Chrystel	Olivier	Agriculture Canada		Saskatoon	SK			
Toovey	Parker	University of Saskatchewan		Saskatoon	SK			
Dale	Parker	Aquatax Consulting		Saskatoon	SK			
Jeanette	Pepper	Sask Conservation Data Centre		Regina	SK			
Diether	Peschken			Regina	SK			
Keith	Roney	Royal Saskatchewan Museum		Regina	SK			
Bryan	Sarauer	Agriculture Canada		Saskatoon	SK			
Tim	Saretski			Saskatoon	SK			
Barb	Sharonowski	University of Saskatchewan		East York	ON			
Juliana	Soroka	Agriculture Canada		Saskatoon	SK			
Taz	Stuart			Winnipeg	MB			
Blaine	Tomolak	Bayer Inc.		Saskatoon	SK			
Bryan	Ulmer	Syngenta Crop Protection		Champaign	IL			
Rudolf	Valerio			Calgary	AB			
Jeff	Webb	Purdue University		West Lafayette	IN			
Tyler	Wist			Saskatoon	SK			

Entomological Society of Saskatchewan Life List – Past and Present Members of the Society (1952 -2005)

Surname	First name	Year Joined	Current Member	Position(s) Served
Aalbers	G.	1987	No	
Albert	P. J. (Paul)	1973	No	
Alexander	A. (Arden)	1986	No	
Allan	R. K. (Ron)	1965	No	
Andrahennadi	R. (Ruwandi)	1992	Yes	

Arnason	A. P. (Arni)	1952	No	
Arrand	J. C. (John)	1953	No	
Arthur	A. (Alf)	1973	No	President (80-81), Proceedings Editor (73)
Ashfaq	M. (Muhammed)	2001	No	
Atton	F. M. (Mervin)	1985	No	
Atuku	E. (Elijah)	1997	No	
Baldwin	D. (Doug)	1992	Yes	
Balone	J. (Jeff)	1996	Yes	
Barrett	C. F. (Cliff)	1962	No	
Baudic Fehr	A.	1986	No	
Beck	W. H. (Harvey)	1957	No	
Bellamy	R. E. (Raymond)	1973	No	
Bellamy	F. W. (Frank)	1967	No	
Benjamin	M. (Mano)	1999	No	
Bidochka	M. (Mike)	1987	No	
Bohn	J. (Jean)	1997	No	
Bowden	B.	1990	No	
Bradley	G. A.	1953	No	
Braun	L. (Lorraine)	1985	Yes	President (98-99)
Braun	M. (Murray)	1985	Yes	
Brooks	A. R. (Arthur)	1953	No	
Brown	C. E. (Clifford)	1953	No	President (53-54) (Shared with R. Lowe)
Brown	P. C. (Percy)	1952	No	
Brunner	K. (Kalya)	1983	No	
Brunner	E. (Eric)	1981	No	
Bulman	P. (Patrick)	1999	No	
Burgess	L. (Larry)	1965	No	President (66-67), Proceedings Editor (77-80)
Burrage	R. H. (Bob)	1953	No	President (54-55, 72-73)
Buth	J. (Jo Anne)	1987	No	
Campbell	B.	1987	No	
Chapco	W. (Bill)	1987	Yes	
Cheeseman	M. (Michael)	1987	No	
Chen	G. T.	1964	No	
Chisholm	M. (Michael)	1985	No	
Church	N. S. (Norman)	1963	No	President (68-69)

Connor	W. F. (William)	1967	No	
Couche	G. (Graham)	1980	No	
Craig	C. H. (Harvey)	1952	No	President (60-61), Sec.-Treas. (58-59)
Cummings	M. E. (Margaret)	1953	No	
Curry	P. (Philip)	1979	Yes	President (2005)
Dabbs	D. H. (Don)	1964	No	
Davis	A. (Art)	1993	Yes	
Davis	G. R. F. (Richard)	1959	No	
Declerck-Floate	R. (Rosemarie)	1985	No	
Devlin	C. G. (Charlie)	1953	No	
Doane	J. (John)	1958	Yes	President (67-68, 78-79) Sec.-Treas.(60-61)
Dogra	G. S. (Gopal)	1969	No	
Doig	B. (Bryan)	1986	No	
Dolezsar	F. L. (Francis)	1967	No	
Dosdall	L. (Lloyd)	1985	No	
Downe	A. E. R. (Anthony)	1967	No	
Drew	L. (Lyle)	1982	Yes	
Driver	E. A. (Edward)	1968	No	
Ducharme	R. (Roger)	1987	No	
Duke	G. (Grant)	1987	No	
Duncan	J.	1992	No	
Dunlop	J. (Julia)	1999	No	
Dysart	R. (Richard)	1989	No	
Eckstein	P. (Peter)	1984	No	
Edwards	R. F. (Roy)	1957	No	
Eidt	D. C. (Doug)	1952	No	
Elliott	R. (Bob)	1984	Yes	
Ellis	R. (Roy)	1989	No	
Erlandson	M. (Martin)	1985	Yes	President (89-90, 00-01)
Ethier	S. (Stephanie)	1997	Yes	
Eves	F. T. (Floyd)	1957	No	
Ewen	A. B. (Al)	1958	No	President (62-63)
Falk	S. (Sarah)	1997	No	
Fick	W. (William)	1990	No	
Field	F. (Fred)	1987	No	

Floate	K. (Kevin)	1985	No	
Fogal	W. H. (Willard)	1977	No	
Forsyth	S.	1985	No	
Franke	C.(Coreen)	1994	No	President (94-95)
Fredeen	F. J. H. (Hartley)	1953	No	President (61-62)
Froese	N. (Nathan)	2000	Yes	
Gabert	K. (Keith)	2001	No	
Gadsby	M. (Margaret)	1984	No	
Gage	S. H. (Stuart)	1975	No	President (76-77)
Galka	B. (Brian)	1996	Yes	President (99-00), Newsletter Editor, Proceedings Editor (02-05)
Gardner	J. (Jim)	1987	No	
Gerber	G. R. F (George)	1962	No	
Gilkinson	G. L. (Glenn)	1966	No	
Gillott	C. (Cedric)	1966	Yes	Sec-Treas.(68-70), President (82-83, 02-03)
Glen	R. (Robert)	1966	No	
Goerzen	D.W. (Wayne)	1988	Yes	Newsletter Editor
Gold	D. (Dave)	1986	No	
Govindarajan	R. (Rethinasamy)	1985	No	
Graham	R.	1986	No	
Gray	J. (Jack)	2001	Yes	President (03-04)
Greenshields	J. E. R. (Ross)	1967	No	
Grenkow	L. (Larry)	1996	Yes	Secretary (98-05)
Gruber	M. (Margie)	1998	Yes	
Gruszka	J. (John)	1982	No	
Hainer	J. M. (Murray)	1970	No	
Hallett	R. (Rebecca)	1996	No	
Hankey	R. (Raymond)	1996	No	
Hardwick	D. F. (Doug)	1977	No	
Harris	J. L. (Lloyd)	1982	Yes	President (84-85, 95-96)
Harris	P. E. (Peter)	1973	No	President (77-78, 91-92)
Harris	W. (Wayne)	1984	No	
Hartley	J. B. (Brian)	1954	No	President (56-57)
Hartley	S. (Scott)	1994	Yes	President (97-98)
Harvey	D. (Dan)	1985	No	
Hayles	L. (Lance)	1978	No	

Hedlin	A. (Alan)	1953	No	
Hegedus	D. (Dwayne)	1998	Yes	Treasurer (98-05)
Hilton	D. J. F.	1977	No	
Hinks	C. F. (Chris)	1984	No	
Hocking	B. (Brian)	1962	No	
Holmberg	R. G. (Robert)	1969	No	
Holowachuk	J. (Jennifer)	1999	Yes	
Holter	M. E.	1981	No	
Hooper	R. (Ron)	1967	Yes	President (79-80)
Hou	X. (Xingwei)	1999	Yes	
Houston	S. (Stuart)	1955	No	
Hovey	C. Y.	1953	No	
Howe	G. (Gord)	1996	No	
Howe	J. A. G.	1984	No	
Hrycan	W. (William)	2003	Yes	
Hupka	D. (Dan)	1995	No	
Hutchings	G. (Gordon)	2000	Yes	
Hutton	B.	1977	No	
Ismail	M. (Mohammed)	1993	No	
Istead	R.	1988	No	
Ivanochko	M. (Mike)	1962	No	
Jarvis	B. (Blair)	1985	No	
Jeffs	L. (Lloyd)	1996	No	
Jensen	J. (Johanna)	1985	No	
Johnson	D. (Dan)	2002	Yes	
Jowsey	J. R. (Jim)	1981	No	
Kalyn	B. (Bill)	1987	No	
Kaminski	L. (Lori-Ann)	1999	No	
Khachatourians	G. (George)	1988	No	President (96-97)
Killaby	M. (Marlon)	1997	No	
Kindrachuk	K. (Kenneth)	1980	No	
Kneeshaw	P. (Paul)	1980	Yes	
Kopec	M.	1990	No	
Korinus	L. (Lusiana)	1999	No	
Kozial	J. (John)	1982	Yes	
Kozial	R.S.	1967	No	

Kroeger	P. G. (Peter)	1969	No	Sec.-Treas. (71-75)
Kuch	G. (Galen)	1997	No	
Kusters	P. (Peter)	1984	Yes	President (92-93)
Larson	D. J. (David)	1977	No	
Lasiuk	W.	1972	No	
Laurin	R. E.	1966	No	
Lawrence	B. (Bonnie)	1984	No	
Layng	W. G.	1962	No	
Lee	H.	1979	No	
Lee	L. W.	1973	No	
Lehmkuhl	D. M. (Dennis)	1969	No	President (71-72)
Leighton	A. (Anna)	2003	Yes	
Lein	D.	1973	No	
Leuschen	V. (Vaughn)	1996	No	
Li	C. (Chianjun)	1998	No	
Lindquist	O. H.	1953	No	Sec.- Treas. (53)
Lowe	R. B. (Reuben)	1952	No	President (53-54) (Shared with C. E. Brown)
Ludwig	B.	1989	No	
Lynn	C. (Carl)	1981	No	
Mackasey	M.	1986	No	
MacLeod	M. (Mac)	1952	No	Sec.-Treas. (52), President (64-65)
Makhani	S. (Sam)	1981	No	
Makowski	R. (Roberte)	1985	No	
Marcella	R. (Robb)	1991	No	
Martel	R.	1992	No	
Martin	W. K. (William)	1964	No	
Mason	P. G. (Peter)	1977	Yes	President (85-86)
Matheson	M. (Mary)	1988	No	
Matthews	C.A. (Cliff)	1962	No	
Matus	A. (Alejandro)	1997	Yes	
Maw	M. C. (Murray)	1973	No	President (75-76)
McDonald	H. (Howard)	1952	No	President (58-59, 70-71)
McKinlay	K. S. (Mac)	1962	No	President (74-75)
McLintock	J. (John)	1966	No	
McMahon	H. A. (Harold)	1952	No	

McMullen	P. W.	1977	No	
McWade	J. (John)	1965	No	
Melnychuk	N. (Nancy)	1992	No	
Miranpuri	G.	1990	No	
Mitchell	D. (Denise)	1980	No	
Miyazaki	R. (Rie)	2001	Yes	
Moffat	R.	1981	No	
Mohr	N. (Nina)	2001	Yes	
Moore	K. (Keith)	1980	Yes	President (87-88)
Morrow	W. (Wade)	1991	Yes	
Mukerji	M. K. (Mukul)	1977	No	
Murrell	D. (Dorothy)	1982	No	
Murza	G. (Gillian)	2001	Yes	
Myhre	C. (Clayton)	1996	No	
Neil	G. B. (Bruce)	1978	No	President (93-94)
Nerland	J. (John)	1981	No	
Nernberg	D. (Dean)	1987	No	
Nero	R. W. (Robert)	1955	No	
Noga	D. B. (Dave)	1967	No	
Olfert	O. (Owen)	1979	Yes	President (83-84)
Olivier	C. (Chrystel)	1996	Yes	President(01-02)
Onyilagha	J. (Joseph)	1997	No	
Pachagounder	P. (Swamy)	1986	No	
Pandila	M.	1987	No	
Pankiw	T. (Tanya)	1987	No	
Parker	D. (Dale)	1985	Yes	
Parker	T. (Toovey)	2003	Yes	
Paul	L. C. (Lorne)	1952	No	
Peesker	A. M.	1964	No	
Pepper	J. (Jeanette)	1997	Yes	
Peschken	D. (Diether)	1973	Yes	President (88-89), Sec.-Treas. (76-82) Proceedings Editor (81-88)
Peters	C. (Clarence)	1973	No	
Peters	E. G. (Elmer)	1954	No	
Peterson	L. O. T. (Lloyd)	1952	No	President (65-66)
Petrovich	M.	1972	No	

Petty	J.	1953	No	
Pickford	R. (Roy)	1952	No	President (73-74), Sec-Treas. (57)
Pittendrigh	B. (Barry)	1987	No	
Pivnick	K. (Ken)	1986	No	President (86-87)
Piza	E. (Edison)	1997	No	
Pontoh	J. (Julius)	1997	No	
Putnam	L. G. (Lloyd)	1952	No	President (52-53, 55-56)
Randell	R. L. (Bob)	1965	No	President (69-70)
Reekie	G.	1987	No	
Rempel	J. G. (Jacob)	1953	No	President (59-60)
Reynard	D. (Don)	1983	No	
Ridell	M.	1964	No	
Riegert	P. W. (Paul)	1953	No	President (57-58)
Robinson	M. (Mike)	1995	No	
Roney	K. (Keith)	1983	Yes	Proceedings Editor (89-01)
Rudochyk	R.	1992	No	
Rueffel	P. (Paul)	1958	No	
Saha	J. G. (Jada)	1965	No	
Sarauer	B. (Bryan)	1995	Yes	
Saretski	T. (Tim)	2003	Yes	
Saucier	J. C. (Jenice)	1963	No	
Saul	L. (Lloyd)	1987	No	
Sawchyn	W. W. (William)	1968	No	
Schellenberg	M.	1986	No	
Schneider	J.	1986	No	
Scott	D. A. (David)	1967	No	
Sepkowski	J. (Jenice)	1962	No	
Sharonowski	B. (Barb)	1988	No	
Shemanchuk	J. (Joe)	1953	No	
Shields	V. (Vonnie)	1987	No	
Shorthouse	J. D. (Joe)	1972	No	
Smith	D. (Doug)	1972	No	
Sohi	S. S. (Sirdar)	1964	No	
Soroka	J. (Julie)	1988	Yes	President (90-91), Treasurer
Squires	W. (Wade)	1988	No	
Steck	W. (Warren)	1977	No	President (81-82), Proceedings Editor

Stewart	W. W. A. (Woody)	1952	No	Sec.- Treas. (54, 62-67), Proceedings Editor
Stuart	T. (Taz)	1998	Yes	
Stypa	M.	1991	No	
Summers	B.	1988	No	
Tarasoff	W.	1984	No	
Taylor	M. E. (Maurie)	1953	No	Sec.-Treas. (55-56), President (63-64)
Thiel	P.	1987	No	
Tomolak	B. (Blaine)	2003	Yes	
Toole	B.	1987	No	
Townes	H. K.	1977	No	
Tranberg	J. (Janice)	1995	No	
Ulmer	B. (Bryan)	1998	Yes	
Underhill	T. (Ted)	1979	No	
Underwood	R. (Ralph)	1984	No	
Valerio	R. (Rudolf)	1983	Yes	
Varley	J. (Jack)	1972	No	
Varnam	C. (Christine)	2000	No	
Vibert	R. (Bob)	1952	No	
Walter	B. (Bruce)	1987	No	
Walters	B. (Bruce)	1995	No	
Warnock	R. (Rob)	1992	No	
Webb	J. (Jeff)	1998	Yes	
Weegar	H. H. (Bud)	1966	No	
Weiss	R. (Ross)	1987	No	
Whiting	E. (Eric)	1979	No	
Wiebe	B. (Bernard)	1970	No	
Wiens	J. E. (Ed)	1968	No	
Willard	J. R. (John)	1969	No	
Williams	S.	1987	No	
Williamson	M. (Michelle)	1995	No	
Wise	I. (Ian)	1986	No	
Wist	T. (Tyler)	2002	Yes	
Woodford	R. B. (Ray)	1966	No	
Worden	H. A.	1969	No	
Yang	C. H.	1967	No	

Yi	S. (Shuxia)	1997	No	
Yin	C. M. (Chih-Ming)	1967	No	
Yin	R. S. (Riu-Siu)	1968	No	
Zacharuk	R. Y. (Russ)	1955	No	
Zuchlinski	J.	1985	No	