

R. Brust

PROCEEDINGS OF THE
ENTOMOLOGICAL
SOCIETY OF
MANITOBA

VOLUME 34

1978

Proceedings of the
ENTOMOLOGICAL SOCIETY OF
MANITOBA

Volume 34

1978

Philip S. Barker

Editor

Winnipeg, Manitoba

ENTOMOLOGICAL SOCIETY OF MANITOBA

An official publication of the Entomological Society of Manitoba, printed by the Society and Distributed, free of charge, to members in good standing.

MINUTES OF THE 34 ANNUAL MEETING

ENTOMOLOGICAL SOCIETY OF MANITOBA

13:03 h., 17 November, 1978

WABOWDEN ROOM

University of Manitoba, Winnipeg

A quorum being present the President called the meeting to order. Because of the absence of the Secretary, the President asked W. L. Askew to take minutes of the meeting.

Present

Executive: J. C. Conroy, President; J. Guthrie, President-Elect; H. G. Wylie, Past President; P. A. Ellis, Regional Director.

Executive staff: W. L. Askew, Treasurer and P. H. Westdal, Editor - The Manitoba Entomologist.

<u>Members:</u>	G. L. Ayre	W. B. McKillop
	R. A. Brust	L. Nairn
	J. F. Flannagan	G. B. Neill
	T. D. Galloway	F. Matheson
	G. H. Gerber	W. B. Preston
	N. J. Halliday	K. Reid
	S. C. Jay	A. G. Robinson
	R. J. Lamb	W. Romanow
	W. L. Lockhart	L. B. Smith
	S. R. Loschiavo	W. J. Turnock

1. Agenda (Appx. A)

Motion - Guthrie/Turnock: Adoption of the Agenda.

Carried

2. Minutes

Motion - Halliday/Ellis: Adoption of the minutes of the 33rd Annual Meeting of the Entomological Society of Manitoba Incorporated, held 4 November, 1977, as published in the Proceedings of the Entomological Society of Manitoba (Vol. 33, 1977).

Carried

3(a) Audit

The Auditor's report on the fiscal year ending 31 August, 1978.

Motion - Gerber/Brust: That the Auditor's report for 1978 be accepted.

Carried

3(b) Archivist

As no report has been received from the archivist, the publication of the Societies historical report will be deferred.

Action 1978/79 Executive

3(c) Youth Encouragement

T. D. Galloway reported that no response was received from Manitoba Science teachers for an all day spring workshop to be hosted by the Youth Encouragement Committee. However, he felt that the offer should be repeated again.

3(d) Coordinating Committee Joint Meeting

The Treasurer reported that \$510.05 had been sent to the ESC scholarship fund as approved in resolution 6(j) of the 1977 proceedings.

3(d) Coordinating Committee Joint Meeting (Continued)

The Treasurer also reported that of the total profit realized from the joint meeting \$1,000.00 was transferred into the savings account.

3(e) Status of Entomology

B. McKillop reported that this committee was resolved as recommended by the membership.

EXECUTIVE REPORTS

4(a) President (Appx. B)

Motion - Turnock/Loschiavo: Acceptance of the President's (Dr. J. C. Conroy) report.

Carried

Motion - Turnock/Wylie: The incoming executive to act on the President's reference to the closing of the Federal Forestry Laboratory.

Carried

Action Executive

4(b) Treasurer (Appx. C)

Motion - Askew/Brust: Acceptance of the treasurer's report.

Carried

4(c) Appointment of Auditor

Motion - Askew/Gerber: That Miss Helen Samboluk be appointed to audit the Society's accounts and financial records.

Carried

4(d) Editor - The Manitoba Entomologist (Appx. D)

Motion - Westdal/Galloway: Acceptance of the Editor's (Dr. Westdal) report.

Carried

4(e) Regional Director to ESC (Appx. E)

Motion - Ellis/Brust: Acceptance of the Regional Director's (Dr. Ellis) report.

Carried

BOARD REPORTS

5(a) Endowment Fund Board (Appx. F)

Motion - Bucher/Wylie: Acceptance of the Endowment Fund Board (Dr. Bucher - Chairman) report.

Carried

5(b) Motion - Guthrie/Wylie: That the fiscal transactions of the 1978 Endowment Fund Board have full approval of the Society.

Carried

5(c) Editorial Board (Appx. G)

Motion - Bucher/Guthrie: Acceptance of the Editorial Board (Dr. Bucher) report.

Carried

COMMITTEE REPORTS

6(a) Publicity (Appx. G)

Motion - Guthrie/Ellis: Acceptance of the Publicity Board (Dr. L. B. Smith, Chairman) report.

Carried

6(a) Publicity (Appx. H) (Continued)

Motion - Guthrie/Wylie: Commendation to Dr. Smith.

Carried

6(b) Social (Appx. I)

Motion - Matheson/Turnock: Acceptance of the Social Committee (F. Matheson, Chairman) report.

Carried

Motion - Turnock/Guthrie: Commendation of the Social Committee for their efforts in 1978.

Carried

6(c) Youth and Education (Appx. J)

Motion - Galloway/Ellis: Acceptance of the Youth and Education (Dr. Galloway, Chairman) report.

Carried

6(d) Insect Common Names (Appx. K)

Motion - Robinson/Nairn: Acceptance of the Insect Common Names (Dr. Robinson, Chairman) report and adoption of its recommendation.

Carried

6(e) Manitoba Environmental Council (Appx. L)

Motion - Turnock/Ellis: Acceptance of the report submitted by the Society's representative on the Manitoba Environmental Council.

Carried

6(f) Winnipeg Insect Pest Management Committee (Appx. M)

Motion - Wylie/Brust: Acceptance of the report submitted by the Society's representative (Dr. Wylie).

Carried

6(g) Membership

The President commended the membership committee for their efforts during the past year.

6(h) Archives - no report.

6(i) Honorary Membership - no report.

6(j) Awards Committee (Appx. N)

Motion - Preston/Romanow: Acceptance of the Awards Committee (Dr. Preston) report.

Carried

ELECTION OF EXECUTIVE

7(a) Motion - Guthrie/Wylie: Whereas the Executive, because of the illness of the Secretary and the pending postal strike, had to change the dates specified in the Society's By-Laws for the annual election of the Executive by mail ballot. Be it resolved that the membership of the society ratifies this Executive decision and confirms the results of the 1978 mail ballot for election of members to the Executive.

Carried

7(b) 1978-1979 Executive

The President declared the results of the 1978 mail ballot for election to the 1978-79 Executive to be:

President-Elect - W. Preston
Member-at-Large - T. D. Galloway

7(b) 1978-1979 Executive (Continued)

There being no query of the results, the President ordered the chairman of the Scrutineers Committee to destroy the ballots.

Pursuant to the Society's By-Laws, the President declared the following as constituting the 1978/1979 Executive:

President	- J. E. Guthrie
President-Elect	- W. B. Preston
Past President	- J. C. Conroy
Member-at-Large	- T. D. Galloway
Regional Director to the ESC	- R. A. Ellis

TRANSFER OF OFFICE

8(a) After expressing his appreciation of the support received by him during his term of office as President, Dr. Conroy installed Dr. Guthrie as President of the Entomological Society of Manitoba for the term 1978-79 by presenting him with the Society's gavel.

8(b) President Guthrie queried the membership if they were satisfied with the present arrangements for luncheon meetings. After discussion it was suggested that a lighter menu be supplied at luncheon meetings and also that an evening meeting be scheduled.

Carried informally

8(c) Motion - Loschiavo/Bucher: The membership give a vote of thanks to the 1977-78 Executive and the Program Committee for the 1978 annual meeting.

Carried

8(d) There being no further business the President called for adjournment.

ADJOURNMENT

- 9(a) Motion - Gerber: That the 34th Annual Meeting of the Entomological Society of Manitoba be adjourned.

Carried

- 9(b) The 34th Annual Meeting was adjourned by President Guthrie at 15:08 h., 17 November, 1978.

Walter L. Askew
Acting Secretary

J. E. Guthrie
President

Appendix A

AGENDA

1. Adoption of the Agenda
2. Minutes of the 33rd Annual Business Meeting, 4 November 1977
3. Business arising from the Minutes
4. Executive Reports
5. Board Reports
6. Committee Reports
7. Results of Election Mail Ballot
8. Transfer of Office
9. Any other Business
10. Adjournment

Appendix B

PRESIDENT'S REPORT

It has been my pleasure to serve as President of the Entomological Society of Manitoba in 1978. This annual meeting brings active year both for the members and for the Executive. Our five luncheon meetings and new member's social had excellent attendances and all the postprandial talks by our guest speakers helped to ease the dreariness of our Manitoba winter.

As always our members have actively assisted in all the activities planned by the Executive and its various Committees. The hard work and efforts of all members have kept the Society's foundations solid financially and have ensured our continued involvement in those affairs of the Community of an entomological interest. The slow but steady increase in our membership, the activities of our Youth and Education Committee, the presence of our representatives on the Winnipeg Insect Pest Management Advisory Committee and on the MASCC-MCPM Committees amongst others, all attest to our involvement. This is particularly important in a time of Government cuts in support for scientific research, in a time when the job market for entomologists is decreasing and in a time of Government cutbacks in services. It is important that the Society lets the Government and the general public know where we stand on such issues.

Recently it was unofficially announced that the Winnipeg Office of the Canadian Forestry Service is to be closed early in 1979. This decision directly affects two of the Society's members. Thus it is especially important for this Society to let the Government and the people know our feelings on this decision, particularly at a time when their expertise is needed most in Winnipeg and Manitoba. Our constitution lists as our objectives the intention to foster the advancement, exchange, and dissemination of entomological knowledge. It will be difficult for us to fulfill our objectives if the Government is cutting the ground from under our feet. We must let our opinions on these recent events be known.

The scientific programme for this meeting has been organized by Dr. W. B. McKillop and I take this opportunity to thank him, his organizing Committee and all participants for contributing to the success of the Meeting.

(continued)

- 2 -

It has been a pleasure to serve you as your President during the past year. In this capacity, I have been very ably served and assisted by the members of the Executive, from the various Committees and Board Chairmen and members, and I take this opportunity to thank each and every one of you most sincerely.

John C. Conroy

17 November 1978

Appendix C-1

THE ENTOMOLOGICAL SOCIETY OF MANITOBA
STATEMENT OF RECEIPTS AND DISBURSEMENTS
FOR THE YEAR ENDING AUGUST 31, 1978

RECEIPTS

Membership	\$ 460.00	
Subscriptions	638.07	
Page Charges	1,390.00	
Reprints	612.00	
Committees	408.00	
Annual Meeting	146.50	
Current Account Credits	29.93	
Joint ESM & ESC Meeting	<u>2,101.65</u>	\$5,786.15

DISBURSEMENTS:

Printing	\$2,248.84	
Stationery	37.21	
Typing	176.90	
Postage	187.29	
Bank Charges	9.50	
Committee Expenses	591.88	
Meetings - Annual	161.75	
Scholarship - Ensec. of Cda.	510.05	
Miscellaneous	<u>60.00</u>	<u>\$3,983.42</u>
Net Profit from Operations		\$1,802.73
G.I.R. Investment Income		1,190.10
Investment Interest		<u>110.71</u>
NET INCOME for year ending August 31, 1978		<u>\$3,103.54</u>

Appendix C-2

THE ENTOMOLOGICAL SOCIETY OF MANITOBA
BALANCE SHEET
FOR THE YEAR ENDING AUGUST 31, 1978

ASSETS:

Current Account Bank Balance		\$ 2,376.88
Savings Account Bank Balance		1,010.33
Investments: #844276	\$2,500.00	
#853600	1,500.00	
#854190	1,200.00	
#B37947	2,000.00	
#D39882	2,000.00	
#J33544	2,000.00	
#Q95692	2,000.00	
#Q77695	<u>3,000.00</u>	
Petty Cash		16,200.00
		<u>25.00</u>
		<u>\$19,612.21</u>

LIABILITIES AND SURPLUS:

Liabilities	nil	
Surplus Account		
Balance as at August 31/78	16,508.67	
Net Income for the Period	<u>3,103.54</u>	
		<u>\$19,612.21</u>

Appendix C-3

THE ENTOMOLOGICAL SOCIETY OF MANITOBA
AUDIT REPORT FOR THE YEAR ENDED
AUGUST 31, 1978

I have examined the records of the Entomological Society of Manitoba for the year ended August 31, 1978.

In my opinion the attached financial statements present fairly the financial position of the Society as at the year ended August 31, 1978 and the results of its operations for the year then ended in accordance with generally accepted accounting principles.

Helen Samboluk

Appendix D

EDITOR'S REPORT

The Manitoba Entomologist has for a number of years been one year behind in its schedule of publication. To rectify this, it was proposed about two years ago that the journal be issued at nine-month intervals, rather than yearly, until publication was back on schedule. For a number of reasons, this has not been achieved. One of the reasons has been a shortage of papers. In fact, Volume 11 will go to press with a minimum of papers.

If the journal is to survive and prosper it must be supported by members of the society through submission of papers. For those who may hesitate to publish in the Manitoba Entomologist because they feel that it is perhaps less discriminating or prestigious than others, or has limited circulation, the following may be of interest. Every manuscript submitted for publication is reviewed by two referees, one of whom is usually an expert in the area of the work and may or may not be a member of the Entomological Society of Manitoba. For Volume 11, eight of the fifteen manuscripts were reviewed by specialists outside the society. Of the manuscripts submitted, nine were accepted, three were withdrawn for major revision and possible resubmission, and three were rejected. The journal is sent to all members of the society, and on a subscription, exchange, or gift basis to 146 libraries in 23 countries on four continents. In addition, the journal is abstracted by all the major abstracting services.

The Manitoba Entomologist is a good journal. PLEASE SUPPORT IT.

P. H. Westdal
Editor

Appendix E

ESC REGIONAL DIRECTOR'S 1978 REPORT

R. A. Brust relinquished this position in June after serving the E.S.M. well as Regional Director between 1976 and 1978. His activities in promoting closer ties between our Society and the E.S.C. and other regional societies were a major contribution.

The E.S.C. met during August at the University of Ottawa. The status and directions of the E.S.C. and its various Committees are outlined in the latest Bulletin of the E.S.C. Of particular note to Manitobans is the up-to-date listing of Governing Board members. W. J. Turnock is first Vice-President and S. R. Loschiavo is Second Vice-President. G. H. Gerber, after three years of dedicated and able service, has passed the pen to J. E. Laing, the new Secretary of E.S.C. Another important change is the replacement of P. E. Morrison as Editor of the Canadian Entomologist by D. C. Eidt. With F. McEwen's move into the Presidency, we can expect many more changes in the E.S.C.

A restructuring of many E.S.C. Committees is already underway. For example, the Science Policy and Public Education Committees have been welded together by McEwen under the chairmanship of S. R. Loschiavo. Other changes will become apparent over the next few months.

Inflation was a topic that did not escape discussion by the Governing Board. Effective January, 1980, regular membership dues will be \$35.00. An increase in subscription fees will be considered at the winter meeting of the Executive Council. Although the increase in dues will not be welcomed by the membership, no other Society offers so much for so little to the Canadian entomologist.

Quality counts. W. Preston, chairman of the Photo Salon during 1978-1979, will be setting the Photo Salon according to the rules, regulations and standards of the Photographic Society of America. The E.S.M. already leads other Entomological Societies in this regard, thanks to the input of W. Preston, R. A. Brust and A. Ashraff.

Still on the subject of quality, E.S.C. continues to support

ESC REGIONAL DIRECTOR'S REPORT (Continued)

scholarship. Beginning in 1980, a second Postgraduate Scholarship Award will be presented each year. There is no reason why Manitoba graduate students could not win both awards in 1980. Those interested can find the details in the Bulletin of the E.S.C.

Also of interest to graduate students was the decision of the E.S.C. to produce a booklet containing the resumes of "Graduate Students in Entomology in Canada" seeking employment for distribution to Canadian institutions employing entomologists.

E.S.C. annual meetings over the next three years will be in Vancouver, B.C. (1979), Quebec (1980) and Alberta (1981?).

R. A. Ellis,
Regional Director,
E.S.C.

November 17, 1978.

Appendix F

ANNUAL REPORT OF THE ENDOWMENT FUND COMMITTEE

Bonds to the value of \$2800.00 matured October 30, 1977; these funds plus \$200.00 in cash were reinvested in a \$3000.00 bond on November 10, 1977.

A bond of \$2000.00 was purchased from cash on April 10, 1978.

Thus, \$2200.00 has been added to investments of the Endowment Fund during the current fiscal year.

All investments are in Guaranteed Investment certificates with Royal Trust Corp. as follows:

<u>Reg. No.</u>	<u>Amount</u>	<u>Interest %</u>	<u>Maturity</u>	<u>Annual Income</u>
844276	2,500	8.875	Nov. 1978	221.87
853600	1,500	8.875	Jan. 1979	133.12
854190	1,200	9.125	Apr. 1979	110.50
B37947	2,000	10.875	Oct. 1979	217.50
D39882	2,000	8.875	July 1980	177.50
J33544	2,000	10.375	July 1981	207.50
Q95692	2,000	9.625	Apr. 1982	192.50
Q77695	3,000	9.375	Nov. 1982	281.25
	<u>16,200</u>			<u>1,541.74</u>

G. E. Bucher, Chairman
L. Nairn
D. L. Smith

Date: November 1, 1978

Appendix G

ANNUAL REPORT OF THE EDITORIAL BOARD

The Board recommended that:

1. page charges should not be waived for one submitted paper and that the paper should not be published in the Manitoba Entomologist;
2. the Society should enter a contract with National Technical Information Service to provide copies of papers in the Manitoba Entomologist to their clients.

G. E. Bucher, Chairman
N. L. Holliday
W. B. McKillop
D. L. Smith

Date: November 1, 1978

Appendix H

ANNUAL REPORT OF THE PUBLICITY COMMITTEE

As in the previous year, the Newsletter was published three times; February, June and October. A variety of items was published, one being from a member no longer a resident in Manitoba. A new feature this year was an attempt to include a short comment on the summer activities of members in the fall newsletter. This was in response to a request for more information on the projects of members.

The Committee consisted of members in at least seven institutions in Winnipeg who collected news items; A. G. Robinson, J. F. Flannagan, B. McKillop, A. J. Kolach, R. A. Ellis, J. C. Conroy, V. Hildahl and G. Wylie; four members at the Agriculture Canada Research Station, G. A. Cox, J. Walkof, D. W. Kurtz and G. Hamilton assisted with stapling, folding and mailing the Newsletter. To these members in particular, and to the membership in general, I express my sincere thanks. The production of the Newsletter has been an interesting challenge and overall, a source of satisfaction.

Respectfully submitted,

L. B. Smith, Chairman

9 November 1978

Appendix I

ANNUAL REPORT OF THE SOCIAL COMMITTEE

The social activities for 1978 consisted of five noon-hour luncheons and a "New Members" social. The luncheons, with an average attendance of 24 members, provided the membership an opportunity to turn out to hear five guest speakers give a slide presentation of a biological interest. The "New Members" social held at the Faculty Lounge, University of Manitoba, was again a success with an attendance of 53 people.

The cost to date of the Social Committee activities which included guest speakers, tax, gratuities, and expenses for the "New Members" social was \$160.68 which was below our approved budget for the year.

On behalf of the Committee, I would like to thank the Executive and Membership for their co-operation and support during our term in office.

F. Matheson, Chairman
B. Farmery

Date: 17 November 1978

Appendix J

YOUTH ENCOURAGEMENT COMMITTEE - 1977-78

This past year for the YEC has been the year of the Beaver. Members of the committee, or helpful associates visited 21 Beaver Ponds around the city. Each Beaver colony consisted of from 15-40 boys aged 5-7 years. Our visits to these groups have for the most part been very rewarding. The colonies are usually well supervised and the Beavers themselves are full of enthusiasm and a pleasure to talk to.

Our only field trip (a rather soggy one at that) to the Seven Sisters Outdoor Youth Education Centre identified the real enthusiasts, i.e. those who were willing to hike two miles through the rain and soaking vegetation to collect insects. The day was certainly enjoyable, if not all that productive.

We conducted one workshop in June this year on the care and rearing of Lepidoptera. Each student entomologist received a polyphemus moth caterpillar to rear, along with instructions on how they could eventually obtain a beautiful moth. We will await the fruits of our efforts until next spring.

In addition, several of the students who have participated in YEC activities over the past years are now progressing well on their own and are conducting small research projects. These students have consulted frequently with us and are regular visitors or callers in the Department of Entomology.

Enquiries and requests for participation of the YEC in Manitoba/Winnipeg Science In-Service activities in the spring of 1977 met with little success. However, this avenue of input would seem to be of great benefit and it is recommended that further pursuit continue.

The committee would like to thank those members of the Society who participated in YEC activities and for their continuing support.

E. E. Adams
T. D. Galloway (Chairman)
W. B. Preston
R. Westwood

Appendix K

REPORT OF THE COMMITTEE ON COMMON NAMES OF INSECTS

Mr. Gordon Ayre has asked for a common name to be forwarded to the COMMITTEE ON COMMON NAMES OF INSECTS of the Entomological Society of Canada, for their approval.

Amphipoea interoceanica (Smith) = the strawberry cutworm

Gordon Ayre has been doing research on this economic pest of strawberries, and it would be advantageous to have a common name which could be used not only in publications but also in extension activities among the strawberry growers. The name suggested is descriptive, and does not conflict with any common names currently listed by the Entomological Society of America.

A. G. Robinson,
Chairman

Appendix L

REPORT OF THE REPRESENTATIVE ON THE MANITOBA ENVIRONMENTAL COUNCIL

During the past year the Manitoba Environmental Council (MEC) has been reporting to a new Minister, Mr. Brian Ransome. Mr. Ransome has requested that the MEC advise him on methods of setting criteria for environmental quality that would be acceptable to the citizens of Manitoba. Response to this question will require a major effort on the part of the MEC for the foreseeable future. Organizations belonging to the Council may be asked for contributions to the development of these criteria.

The Environmental Chemicals Committee (ECC) of MEC continues to handle most questions of entomological interest. As in previous years, a spate of poorly prepared applications for insect control programs were received by the Clean Environment Commission and reviewed by the ECC under the Chairmanship of Dr. G. R. B. Webster. Those applications reveal that most municipal governments are sadly unaware of the requirements for safe and effective insect control. The ECC is now analysing past applications for insect control as a basis for discussions with the Clean Environment Commission and the Minister.

The ECC is also concerned about the elm disease problem in Manitoba. An analysis of current activities and plans for the future is planned.

Since May 1978, I have chaired the Environmental Chemicals Committee.

W. J. Turnock

Appendix M

WINNIPEG INSECT PEST MANAGEMENT ADVISORY COMMITTEE
E.S.M. REPRESENTATIVE REPORT

As your representative I attended the three meetings of the Winnipeg Insect Pest Management Advisory Committee held during the past year. The first two meetings on 18 November 1977 and 5 January 1978 reviewed research by the Insect Control Branch on mosquito larvicides, and control operations against mosquitoes, forest tent caterpillars, fall cankerworms, Dutch elm disease, nuisance flies, glassy cutworms and cockroaches. Reports on mosquito dispersal research and on the status of Dutch elm disease in the City were also discussed. Plans for 1978 were presented.

The third meeting was held on 18 October 1978 and reviewed research and control operations carried out during the previous spring and summer. Research on mosquito larvicides was continued, and new research included methods for monitoring adult mosquito abundance and activity; evaluation of tree holes as breeding sites for mosquitoes; identification of flies breeding at sanitary landfill sites; and the role of fathead minnows as predators of mosquitoes in artificial lakes in the City. Operation activities, especially in regard to mosquito larviciding and thermal fogging, nuisance fly control and bee and wasp problems were reviewed. Reports were also presented on studies to determine the tolerance levels for bees on Baygon, and on the status of Dutch elm disease and other diseases of shade trees and of Bronze Birch Borer in the City.

H. G. Wylie
Representative

6 November 1978

Appendix N

ANNUAL REPORT OF THE AWARDS COMMITTEE

In accordance with the resolution adopted by the Society in November, 1976, regarding the presentation of a Student Achievement Award to a 1979 graduate who majored in entomology at a University in Manitoba, nominations of eligible students were solicited from the following University Departments:

Department of Entomology, University of Manitoba
Department of Zoology, University of Manitoba
Department of Biology, University of Winnipeg
Department of Zoology, University of Brandon

To date, no nominations have been received.

W. B. Preston, Chairman
S. C. Jay
F. L. Watters
J. C. Conroy

November 15, 1978