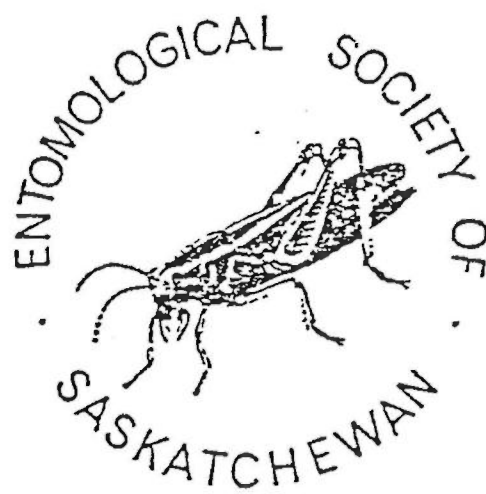


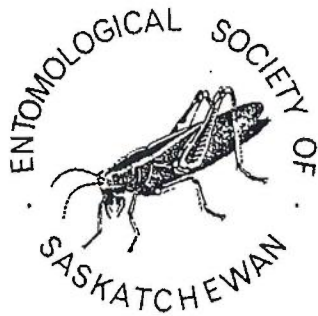
NEWSLETTER



FEBRUARY 1985

Vol. 6

No. 1



# Entomological Society of Saskatchewan Inc.

## NEWSLETTER

Vol. 6 Issue 1.

February 1985

Editor - Bruce Neill, PFRA Tree Nursery, Indian Head,  
Saskatchewan, S0G 2K0

This is the first newsletter of 1985. You will note that it is designated as Volume 6 Issue 1. In going through all the newsletters published since 1980, I noted that there was a discrepancy in the numbering system. I, therefore, suggest you correct your past issues as outlined in the table below. If you want a copy of any past issues, please let me know and I will do my best to get one for you.

### Corrections on Volume and Issue Numbers of the Newsletter of the Entomological Society of Saskatchewan

Reads		Date	Should read	
Volume	Issue		Volume	Issue
1	1	April 9/80	1	1
1	2	Aug 18/80	1	2
1	3	Dec 12/80	1	3
2	1	April 29/81	2	1
2	2	Nov 6/81	2	2
3	1	March 22/82	3	1
3	2	May 31/82	3	2
*3	1	Dec/82	3	3
*3	2	March 1/83	4	1
*3	2	June/83	4	2
*4	1	Feb/84	5	1
*4	2	July/84	5	2
*4	3	Oct/84	5	3
6	1	Feb/85	6	1

\*Correction required.

This newsletter has been put together with the help of a number of people. I would like to thank all of them. If you want an announcement, request or any article published in our next issue, please write me.

#### 1. 1984 Annual Meeting

I think that all those that attended the 1984 Annual Meeting would agree that it was one of the best we have had. Minutes from the meeting are attached to this newsletter. Peter Mason, chairman of arrangements for the meeting has provided the following report and meeting financial statement.

The 1984 Annual Meeting of the Entomological Society of Saskatchewan held November 1-2 was a success. In addition to the objective of providing a forum in which entomology could be discussed, this annual meeting had two

major sub-objectives: (1) to promote the society to potential members, particularly to students and scientific support staff in entomology; and (2) to comply with the wishes of the membership for a well structured and high quality program. Both of these sub-objectives were met. First, membership was increased by nearly 40% bringing our society total to 71 members, a record for the society. Second, the committee heard only positive feedback regarding the scientific program.

In an effort to make this meeting attractive for all participants, registration and banquet fees were minimal. In the first part, registration for the scientific program was exceptional (44 registrants). The committee felt gratified in their efforts by this excellent attendance. Unfortunately, the turnout for the banquet was low, due in large part to the adverse weather conditions. Because we had to guarantee a minimum of 40 meals at the banquet, the costs increased. Although the costs were somewhat higher than projected the committee considers these the costs of promoting and rejuvenating our society. The committee feels it will be a long-term benefit to the society to have suffered a financial deficit at the 1984 Annual Meeting.

#### Financial Reports

##### Revenues

Registration	34 @ \$3.00	= \$102.00
	10 @ \$2.00	= 20.00
Banquet	28 @ \$15.00	= <u>\$420.00</u>
	Total	= \$542.00

##### Costs

Postage for Meeting Notices	\$ 14.72
Mixer - Liquor Licence	25.00
- Coffee, pop, etc.	14.53
- Food	50.00
Scientific Session - Coffee	26.60
Memento for guest speaker	30.43
Plaque for student paper	13.00
Banquet - Meal & gratuities	687.80
Entertainment	150.00
Remuneration for speaker	<u>25.00</u>
Total costs	\$1036.88
- Revenue	<u>542.00</u>
	\$ 494.88

## 2. Request for summaries from the 1984 Annual Meeting

Diether Peschken has asked that summaries of papers presented at the Annual Meeting must be sent to him by March 1/85 for inclusion in the Proceedings. His address is:

Dr. Diether Peschken  
Research Station, Agriculture Canada  
Box 440  
REGINA, Saskatchewan  
S4P 3A2

## 3. 1984/85 Membership List

Attached to this newsletter you will find the new, greatly expanded ESS membership list. There are a few members on this list who have not yet paid their \$5 dues, therefore a cheque payable to the ESS should be forwarded to Bruce Neill as soon as possible.

## 4. The A.R. Brooks Prize Recipient

Cedric Gillott, chairman of the Brooks Memorial Prize Committee forwarded the following article on our latest recipient of the Prize. The 1984 winner received a cheque for \$150 from the Brooks Memorial Fund.



Rethinasamy Govindarajan, a graduate student in the Department of Biology, University of Saskatchewan, was the 1984 recipient of the Prize. Mrs. A.R. Brooks presented Govindarajan with a cheque for \$150 at the Society's banquet which brought a fine Annual Meeting to a close.

Govindarajan received a B.Sc. (Ag.) from the Agricultural College, Annamalai University, India, in 1969, then worked for 2 years as a research assistant in entomology at the Agricultural College, Coimbatore. From 1971-73 he did post-graduate work in insect pathology at the Agricultural College and Research Institute, Madurai, at the end of which he received a First Class M.Sc. (Ag.) degree and a position as instructor in Coimbatore. The next 4 years were very productive for Govindarajan who co-authored 10 refereed publications (incl. 6 as first author), mainly on the effects of Bacillus thuringiensis and Serratia marcescens on Noctuidae (Lepidoptera). As a result, Govindarajan was promoted to Assistant Professor in Agricultural Entomology in 1977.

Govindarajan arrived in Saskatoon in January, 1983 (thereby seeing snow for the first time!), having been awarded a University of Saskatchewan Graduate Scholarship. Initially, he planned to examine the feasibility of using microsporidians found in certain European flea beetles (Apthona spp.) as bio-control agents for the flea beetle pests of the Prairies. However, due to the difficulty of obtaining material, this project was soon abandoned. He then began work on the microbial control of cutworms, and to date has conducted tests on the potential of Vairimorpha necatrix (Microsporida), B. thuringiensis (Thuricide 32B® and Dipel®), and a nuclear polyhedrosis virus (NPV) as control agents for the dark-sided cutworm (Euxoa messoria [Harris]) and pale western

cutworm (Agrotis orthogonia Morrison).

Govindarajan is married with two children. His wife, Jayalekshmi, and sons were able to join him in Saskatoon in November 1983. Currently Mrs. Govindarajan is enrolled in a M.A. program in the Department of Economics and Political Science.

5. Best Student Presentation at 1984 Annual Meeting

Cedric Gillott has prepared the following information on Rosemarie DeClerck, the winner of the student paper competition at the Annual Meeting. As winner, she received a \$100 cheque from the Society.



Rosemarie DeClerck won the award for the best student presentation at the 1984 Annual Meeting, with her paper entitled 'Tissue preference and damage by two species of birch leaf-mining sawflies'. Rosemarie, who comes from Spanish, a small Northern Ontario town some 100 km west of Sudbury, became interested in insects at the age of 10, and while at high school received a silver medal in the Canada-wide Science Fair for her project on tachinid parasites of the monarch butterfly.

As an undergraduate, Rosemarie worked for 3 summers in Dr. J.D. Shorthouse's insect-gall research laboratory and there developed her interest in insect-plant relationships. For 2 of these summers, she was awarded a NSERC Summer Scholarship, which enabled her to conduct her own project on birch leaf miners. The results of this work, which formed the basis of her prize-winning talk, are now 'in press' in *The Canadian Entomologist*.

Rosemarie graduated with honours in Biology at Laurentian University in the Spring of 1984 and is currently registered in a M.Sc. Program under the supervision of Prof. T.A. Steeves. She holds a NSERC Postgraduate Scholarship and plans to examine the effect of a cecidomyid gall former on the morphology and anatomy of sow thistle.

6. Site of the 1985 Annual Meeting

The Entomological Society of Manitoba has invited us to have a Joint Annual Meeting in Winnipeg on October 24th and 25th, 1985. The Entomological Society of Saskatchewan has accepted their offer. The meeting will be held at the Freshwater Institute on the University of Manitoba Campus. We hope to arrange car pools and billeting for Saskatchewan members. This ESS/ESM Joint Annual Meeting will be held the day after the Western Committee on Crop Pests meeting which is also being held in Winnipeg.

There will be more information on the meeting in future newsletters. Lets get as many ESS members to Winnipeg as possible and lets participate by presenting papers. Peter Mason is our representative for the meeting. Please pass any suggestions on to him.

7. Microscope purchased for ESS Members

The ESS has just purchased an Olympus SZ-III-W Microscope with illuminator for use by Members in identifying personal collections. Presently John Kozial is using it, but will be sharing it with Eric and Kalya Brunner and Wayne Harris. If any other member wishes to borrow the microscope, please contact Diether Peschken, chairman of the Microscope Committee.

8. Request for Insects

We have received the following request from a Swedish entomologist:

I am a collector of beetles and I am interested in contacting anyone who sells or exchanges beetles of the following families:

Cetoniidae  
Carabidae  
Tenebrionidae  
Buprestidae  
Lucanidae

If you know of someone who can help me, please send me his address. I will be very grateful for any help I can receive.

Jorgen Nielsen  
c/o Lindell  
Fyrspannsg. 63  
162 39 Vallingby  
Sweden

9. Call for Titles Published in 1984

In the next issue of the Newsletter I plan to list all the papers published by ESS members in 1984. I need your help. Please send your list to me now. Many of you may have this already compiled for year end progress reports, etc.

10. News from the University of Regina

Paul Riegert has forwarded the following list of graduate students working on entomological projects at the University of Regina.

Michael J. Bidochka

Thesis: Genetic variation in natural populations of the migratory grasshopper, Melanoplus sanguinipes (F.).

Supervisor: W. Chapco

Emily Leung

Thesis: Ultrastructure of sense organs on the labial palp of Graphoderus occidentalis Horn (Coleoptera, Dytiscidae).

Supervisor: R.Y. Zacharuk