

Entomological Society of Saskatchewan Inc.

NEWSLETTER

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Hello fellow members. How was the summer? Now that the leaves are turning colour and the insects are turning their attention to diapause, E.S.S. members are preparing for their Annual Fall Meeting. A great meeting is in the works for Nov. 3-4, 1987. Included in this newsletter is a tentative schedule of the meeting, which begins with a special symposium on 'Insects in Grasslands'. (Also note the call for submitted papers.) Hope everyone can make it - see you there.

1) Annual Meeting Announcement

The annual meeting of the E.S.S. will be held on Tuesday and Wednesday, November 3-4, 1987 in the boardroom of the Plant Biotechnology Institute, National Research Council, 110 Gymnasium Rd., Saskatoon. The building is on the University of Saskatchewan campus directly across the road from the Physical Education building. As a suggestion, parking may be found at the Saskatoon Field House located south of campus on College Drive. Registration will take place at the meetings and will cost \$5 for students and \$10 for everybody else.

2) Call for submitted papers

A submitted paper session will be held on Tuesday, November 3, 13:30-17:00. Presentations will be 15 min (12 plus 3 for questions) or 20 min (15 plus 5) depending on the number of submissions. Everyone submitting will be contacted one week in advance to inform them of the schedule and the length of presentation. Students should indicate whether they are willing to enter a student paper competition. This will be held if there is sufficient interest.

The deadline for submissions is Tuesday October 20. Title, author(s), and an abstract of 100 words or less should be sent to:

Ken Pivnick
Plant Biotechnology Institute
N.R.C., 110 Gymnasium Rd.
Saskatoon S7N 0W9
(306) 975-5272
975-5270

3) Meeting Mixer

For those interested, a Wine and Cheese Reception has been organized for the evening proceeding the meeting (Nov. 2, 7-10 p.m.). It will be held in Suite 104 of the ParkTown Hotel (located at the end of University Bridge, west side).

4) E.S.S. Executive Nominations

The following E.S.S. members have been nominated for the 1987-1988 executive:

President: K. Moore
Vice-President: D. Peschken
Secretary-Treasurer: B. Neill
Auditors: P. Kusters
L. Braun
D. Murrell
J. Gruszka
Regional Director to E.S.C.: P. Riegert (2nd year of 3 year term)

Any further nominations by the membership at large must be signed by at least three members in good standing and by the candidate, and in the hands of the Secretary-Treasurer no later than Monday Nov. 2, 1987.

- Nominations Committee

5) News from the Agriculture Canada Research Stations

Saskatoon -

Congratulations to Lorraine Braun who successfully defended her M.Sc. thesis entitled 'The Life History of Malameba locustae (King and Taylor) in the Migratory Grasshopper, Melanoplus sanguinipes (F.)' on September 8, 1987. - Peter Mason

Regina -

a) Roberte Makowski successfully defended her Ph.D. thesis entitled 'The evaluation of Malva pusilla Sm. as a weed and its pathogen Colletotrichum gloeosporioides (Penz.) Sacc. F. Sp. Malvae as a bioherbicide' on Sept. 2, 1987. Congratulations Roberte!

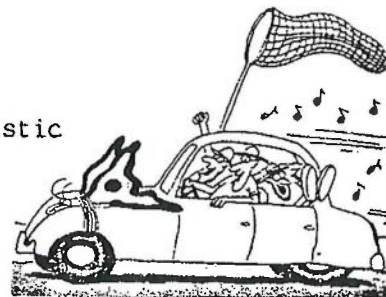
b) Liriomyza sonchi Hendel (Diptera: Agromyzidae) was approved for release in Canada for the biological control of perennial sow-thistle.

- Diether Peschken

6) Grasslands National Park Survey

The second collecting trip to the Grasslands National Park took place July 25 and 26, 1987. A small but enthusiastic contingent of entomologists collected in the Morgan Creek Badlands area. Our most interesting find to date was Anabrus simplex Haldeman (Mormon Cricket).

- Peter Mason



7) Report of the Student and Amateur Encouragement Committee

The E.S.S. Student and Amateur Encouragement Committee put on an insect display at Market Mall in Saskatoon, August 13-14, 1987. The display, similar to ones held in previous years, included live and preserved specimens in the following categories; garden insects, field insects, tropical insects, household pests, and forest insects. An insect slide show was new this year. Scores of people took time off from shopping to look at the display and many of these people complimented E.S.S. members on the show. As always the success of the show was due in large part to those people who contributed time or materials to the show. These people are; Owen Olfert, Keith Moore, Carl Lynn, Larry Burgess, Vicki Keeler, Dale Parker, Bud Weegar, Ross Weiss, Shelley Clark, Ralph Underwood, Mark Bayne and Rosemarie DeClerck.

- Kevin Floate

8) News from the University of Saskatchewan

On August 7, 1987 Blair Jarvis successfully defended his M.Sc. thesis entitled 'Phenology and Drift Dynamics of Preimaginal Simuliidae (Diptera) in a Large Temperate River'. Congratulations Blair!

9) News from the P.F.R.A. Tree Nursery

Approximately 1,400 Grade 6 students toured the Tree Nursery at Indian Head during a five week period last spring. Each class had an opportunity to have a guided tour, a walk on a nature trail, scavenger hunt and a visit to our newly constructed Interpretive Centre. In the Interpretive Centre there were various displays including the history of the Nursery, how a tree grows, how we grow tree seedlings, the uses of shelterbelts and the various insects and diseases that can affect trees on the prairies. The panel on insects included some color photographs and a short description. We also had a display case of pinned insects labelled with their scientific and common names along with their host tree. Two cases also displayed the life cycles of the ash borer and the prairie tent caterpillar.

After the students toured the panel displays they were taken into the activity room. Here they had an opportunity to explore a number of interesting exhibits. Included in this room were five microscopes so that the students could get a 'face to face' look at some bugs. One of the major attractions was a large ant colony. Students were given an opportunity to feed the ants and observe their interesting behaviour. A number of live insect cultures were also on display, including the cottonwood leaf beetle, ash borer, poplar aphids, willow sawfly, spiny elm caterpillar, spruce budworm and others.

From the comments we received, we know the students and teachers enjoyed their day at the Nursery. We hope they learned something about how trees affect our lives and the lives of many others, including the variety of insects that feed on prairie trees and shrubs.

- Bruce Neill

Tentative Schedule of the E.S.S. Annual Meeting
(Nov. 3-4, 1987)

Tues. 8:00 Registration
(Nov. 3)

8:00-12:00 Symposium: insects in grasslands

*Hugh Danks, Biological Survey of Canada, Ottawa
The Biological Survey of Canada and the study of
grassland arthropods.

*Robert Coupland, Crop Science and Plant Ecology, U. of S.
The origin and ecology of grasslands.

*Lorne Hansen, Parks Canada, Val Marie, Sask.
The proposed Grasslands National Park.

*Paul Riegert, Dept. of Biology, U. of Regina
The Matador project: above-ground grassland insects.

*Dan Johnson, Agriculture Canada, Lethbridge, Alta.
The ecology of grasshoppers in grasslands.

13:30-17:00 Submitted papers

19:00-23:00 Banquet

Wed. 8:00-12:00 Business meeting
(Nov. 4)