



TORONTO ENTOMOLOGISTS' ASSOCIATION

1985/86

The first meeting of the season was held on September 21st in the Planetarium Lecture Room starting at 12 p.m. In attendance were Alan Hanks, John Eberlie, Mel Tintpulver, Bert Wigg, Barry Harrison, Jim Spottiswood, Bill Edmonds, Tom Toyomi Ikeda, Quimby Hess, John Prideaux and Gord Townsend.

1. Minutes:

The minutes of the April 27th meeting were adopted as read.

2. Business arising:

Alan Hanks is collating all the records submitted to date for the Backus Woods Project. He must have this information as quickly as possible so that an interim report may be sent to Dr. P. Prevett. Please note that reports must be submitted in order to qualify for reimbursement of expenses.

3. Correspondence:

a) A letter from Dr. Paul Prevett requesting the submission of an interim report on the Backus Woods Project (as referred to above). This will be done as soon as possible.

b) A reply was received from the Ministry of Natural Resources stating that the limited aerial spraying of the Spruce Budworm and the Gypsy Moth will contain the *Bacillus thuringiensis* only.

c) A reply was received from Environment Canada explaining the agreement reached with the Friends of Wye Marsh.

d) A letter from the Long Point Bird Observatory, together with the 1985 directory of naturalist's projects in Ontario. This directory lists everything about the project (purpose, personnel, contact people).

e) A letter from the Federation of Ontario Naturalists containing a listing of their Fall trips.

f) A letter from member Bill Stewart asking about his Elgin County Butterfly listing.

g) A letter from member Irene Trigg who wishes to trade material for some species from Japan.

4. Financial report:

The 1984/85 season concluded with \$51.00 in the account. The account has now been transferred to a Daily Interest Savings type, as the monthly charges on the other account were increasing. Present balance is \$1288 (including the \$1000 from M.N.R.) and 17 members have paid their dues to date. Please get dues in as soon as possible!!

5. New Business:

a) It is now time to think about submitting reports for the T.E.A. Annual Summary! Quimby Hess has once again volunteered to put it together and Barry Harrison has agreed to help. Any material to be sent in must reach Quimby by November 15th.

The submitted material must conform to the same sequence as in the previous summary. In addition, any field observations that you feel are appropriate should be included. This applies to photographs, which must be black & white glossy no larger than 4" x 5". We intend to include a page of photos of contributing members this year, so anyone wishing to be included should send an appropriate (2" x 2") photo, together with their summary material to:

Q.F. HESS, 11 ESGORE DRIVE, TORONTO, ONTARIO, M5M 3P9.

- b) A member's show is scheduled for March 22nd, 1986, location not found as yet.
- c) Quimby Hess gave a brief outline of a proposed new management strategy at St. Williams.
- d) The next meeting will host Dr. Townsend - please note the date -

OCTOBER 12th

6. Program:

There was no formal program for this meeting. Quimby Hess presented a number of slides of the Karner Blue in the Pinery area. The slides included adults and larvae on lupine. Quimby pointed out the unusual construction of a 'nest' or pouch by the larva. This is created by the larva folding over one of the outside blades in towards the centre of the leaf and then living within the pocket created. Quimby also showed slides of some of his favorite collecting areas and noted that some species were almost absent in 1985.

Our thanks to Quimby for the slides and ensuing discussion.

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PLEASE NOTE The schedule of meetings sent out at the start of the season contained an ERROR. The starting time for the meetings is NOT 12 p.m. but 1 p.m. as in the past. Apologies for any inconvenience at the first meeting.

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1985

TORONTO ENTOMOLOGISTS' ASSOCIATION

The second meeting of the season was held on October 12th in the Planetarium Lecture Room starting at 1:00 p.m. In attendance were Alan Hanks, John Eberlie, Mel Tintpulver, Bert Wigg, Jim Spottiswood, Bill Edmonds, Quimby Hess, Doug Scovell, Gord Townsend, Tony Holmes and Hal Donly.

1. Minutes:

The observations made by Quimby Hess on the behaviour of the larval Karner Blue were from the St. Williams area and not from the incorrectly mentioned Pinery area. With this amendment the minutes were adopted as read.

2. Business arising:

a) Alan Hanks circulated an interim copy of the Backus Woods report based on the reports which he has received. The final copy will contain sections on moths, beetles, dragonflies and specific life histories. This will be submitted sometime in November.

b) Quimby still needs your collecting summaries for this year. He requests that the species be presented in the same order as in last year's Summary. The format should also conform to the same layout, i.e. (Toronto (19)(Glendon Hall), May 16).

3. Correspondence:

a) A letter from the Backus Group concerning the Meeting of November 16th.

b) A letter from the FON outlining their fall and winter field trips.

c) A prospectus from Ianni Butterfly Enterprises of Cleveland, Ohio, with a list of considerations which included books, mounts, pins etc.

4. Financial report:

The account stands at \$1535.00 with some members still not having sent in their dues. The \$800.00 allocated for expenses incurred in the Backus Woods project will be distributed as follows: the costs of the report being prepared will be covered initially; then, the remainder will be divided by the total trips driven by everyone who submitted information to Al Hanks and distributed accordingly.

5. New Business:

a) Speakers are required for future meetings. Although various persons are being invited to our meetings, if you know of someone who might be interested in giving an appropriate presentation, please let us know.

b) The January meeting will be in the form of a symposium. Bill Edmonds will be in charge of this meeting and his 'theme' will focus on the skippers. This will be an opportunity for us to get together with those problematic skippers that we all have and perhaps determine what they really are.

c) Al Hanks has prepared a new mailing list which will be sent out to the members in the near future.

6. Publications:

- a) Ron Lyons introduced a number of publications dealing with Odonata. He also introduced the Audubon Handbook for Butterfly Watchers by R.M. Pyle. It contains many fine points and observations presented in an easily readable form while stressing the need for conservation.
- b) Doug Scovell introduced the book Love Among the Butterflies, which is the diary of a Victorian Lady who collected butterflies. Doug felt that the social context and butterfly theme made this an interesting and entertaining book.
- c) Al Hanks presented a number of MNR publications dealing with the Gypsy moth in Ontario.
- d) Animal Voices, a publication of the Ontario Humane Society contained a short article entitled 'Ontario's Endangered Butterflies'.

7. Program:

Gord Townsend gave an extremely interesting account of his work around the world with bees. He introduced the topic by describing the distributions of the many honeybee groups found in the world and their redistribution due to man's subsequent colonization of new regions. The presentation continued with slides and explanations of the work done in Tanzania to promote and develop the honey industry in an area that has only marginally supported people in the past. The success of these endeavours was hard to believe. The presentation continued with slides from other countries such as South Africa, Brazil, Mexico and Australia. The habitat shots coupled with with the solutions to the various problems encountered by the people living in these areas made the presentation informative and interesting. This was obvious from the many questions that the audience had and from the discussions that ensued. It was a great presentation to have attended. Our thanks to Gord Townsend for his efforts.

Our next speaker will be Ron Lyons,
 who will talk about his trip to Costa
 Rica. He has promised that there are
 some butterflies among his slides!!

PLEASE REMEMBER THE DATE - NOVEMBER 24TH.

Our records indicate that you have not yet paid dues for the new season. Would you please forward the dues (\$15 or \$6 for student) or indicate if you wish your name to be taken off the mailing list. Many thanks.

The third meeting of the season was held on November 23rd in the Planetarium Lecture Room at 1 p.m. In attendance were:

Alan Hanks, Bert Wigg, Quimby Hess, Bill Edmonds, Doug Scovell, Hal Donly, Ron & Lynda Lyons, Jim Spottiswood, Tom Toyomi Ikeda, Steve Moss, Al Misener, Mel Tintpulver, Eric Bryant, Dorothy Fletcher and Don Thiers.

1. Minutes:

The minutes of the last meeting were adopted as read.

2. Business arising:

a) Quimby Hess summarized his work on the Annual Summary. Thirty reports were submitted which represents an all-time high! He is expecting one more to complete the work. The reports were very comprehensive and ranged from Lake of the Woods to Ottawa and south. There is new information and there will be more plates due to the slides sent in by various collectors. As a result, the Summary will be larger than usual and may entail more expense than estimated. Al Hanks suggested a nominal additional charge if costs are excessive.

b) Paul Prevett (MNR) has requested 10 copies of the Backus Woods report which is currently being completed. It may be submitted to the National Library in Ottawa

3. Correspondence:

a) A letter from the FON advertising exhibition space for the Annual Conference in Peterborough May 23-25.

b) A package from the MNR describing the Community Wildlife Involvement Programme ("for the people of Ontario... interested in ... hands-on wildlife management projects under the guidance of MNR Resources staff").

c) A letter from the Lyman Museum suggesting the possibility of a speaker in the future.

d) A letter from the Ontario Water Management Commission giving a schedule of public meetings.

4. Financial report:

The current balance is \$1596.84 and includes money from MNR for 'Backus'.

5. New business:

a) The March members meeting may be held in the regular meeting location & use made of the corridor for displays. Concern was expressed regarding the lighting and area available for exhibits. Suggestions were made for the members to bring 'munchies' to the meeting and increase the social atmosphere. Al Hanks will determine whether we might get access to the same area that was used at the last members show.

b) Ron Lyons returned from the monthly FON meeting, which had discussed the Backus Woods project. Their main concern focussed on logging in the area.

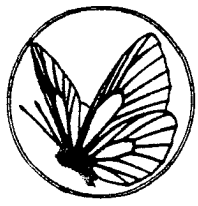
7. Programme:

Ron Lyons gave a presentation on his travels with his wife Lynda in a travel group to Costa Rica. His slide show was very comprehensive and informative, describing various unique locations with varied flora and fauna. To supplement the slides, Ron also brought a number of publications on the country. His descriptions left one with the desire to make this a definite vacation spot for the future.

Thanks Ron for a most entertaining show.

NEXT MEETING - JANUARY 25TH - JOHN EBERLIE & A PHOTOGRAPHER FRIEND

LET'S HAVE A REAL GOOD TURNOUT, THE WEATHER IS VERY GOOD!



TORONTO ENTOMOLOGISTS' ASSOCIATION

The season's fourth meeting was held on January 25th in the Planetarium Lecture Room starting at 1:00 pm. In attendance were Alan Hanks, John Eberlie, Mel Tintpulver, Bert Wigg, Bill Edmonds, Freda & G.J. van Dorsser, Gord Edmund, Doug Scovell, C. McDonald, Eric Bryant and Al Misener. Our guest speaker was Daphne Swenningson.

1. Minutes:

The minutes of the November 23rd meeting were adopted.

2. Business arising:

- a) Alan Hanks has completed the initial draft of the Annual Summary. It is on its way to Quimby Hess for proof reading.
- b) The Backus Woods Report is complete and on its way to binding.
- c) Gord Edmund has been successful in arranging a room for the Member's Annual Show in the Dinosaur Gallery of the ROM. This is on the second floor in the NE corner, where facilities will be available for displays and slide shows from noon on. Access will be through the front doors where a guard will pass members through upon identification.
- d) Bill Edmonds is arranging our next meeting. He will present a talk on some of the skippers of Ontario with special emphasis on those that are difficult to identify (ie. *Erynnis* sp.). Members are asked to bring any of their specimens that are interesting or problematic.

3. Correspondence:

- a) A letter from Alan Wormington refunding his expenses from the Backus woods Project.
- b) Letters from Mick Oldham and Bill Stewart concerning the 84 Annual Summary.
- c) A letter from N. Campbell of the MNR requesting a TEA publication.
- d) A letter from Louis Handfield who is collecting information on the butterflies of Quebec. He would like any information that we could send.
- e) A letter from William Grappone concerning the seasonal distribution of any butterflies found in Mississauga.
- f) A letter from Rob Parrot concerning a book by d'Abbrera.
- g) The Peterborough Naturalists have sent a list of their field trips as well as applications for membership.

4. Financial Report:

The account stands at \$1650.00. This is enough for expenses to produce the Annual Summary.

5. New business:

- a) Doug Scovell is able to supply TEA members with butterflies of Peru. He will be able to sell packets of about 40 different butterflies at a cost of \$10.00. Anyone who is interested may get in touch with him at 431-1988.
- b) Gord Edmunds is willing to accept any orders to E.W. Classey. A group order will generate a discount as well as better service!

6. Publications:

- a) Al Hanks introduced the book Butterflies of the World by Sbordoni and Forestiero. The illustrations are painted, the text contains much information and is expensive. Al found the book very enjoyable.
- b) John Eberlie introduced a number of articles from the Journal of the Lepidopterists' Society dealing with techniques of creating hybrids in the Saturnids.
- c) Mel Tintpulver introduced the book A Natural History of Costa Rica by Janzen. The book contains a wealth of information on the country and about all the major groups of plants and animals that a traveller might encounter while there. The numerous illustrations and check lists make this a most useful text for this area of Central America.
- d) Bert Wigg brought in a Star article on the Monarch.

7. Program:

John Eberlie introduced Daphne Swenningson who has been photographing natural objects for many years. Together they presented a wonderful slide show on the behaviour and life histories of many of our butterflies. Many of the slides were unique and excellently composed. Those who have attempted to photograph butterflies know how difficult and at times impossible it is to get shots such as these. It was a pleasure to have Mrs. Swenningson as our guest.



TORONTO ENTOMOLOGISTS' ASSOCIATION

The sixth meeting of the 1985/86 season was held on March 22nd in the Planetarium Lecture Room starting at 1:00 pm. In attendance were John Eberlie, Bert Wigg, Doug Scovell, Gord Edmund, Quimby Hess, John Prideaux, Ron Lyons, Hal Donly, Bill Edmonds, Tom Toyomi Ikeda and Mel Tintpulver.

1. Minutes:

It was pointed out that there are eight species of Erynnis found in Ontario and not three as mentioned. With this correction the minutes of the Feb. 22nd meeting were adopted.

2. Business arising:

a) John Eberlie sent a letter to the MNR expressing our concerns with the government's spraying programs. This letter was drafted by Quimby Hess.

b) The Annual Summary is being bound and should be available for presentation at the FON Annual Meeting in Peterborough during May.

3. Correspondence:

a) Humber College has sent a list of their outdoor education programs.

b) The U. of Guelph is reviewing the status of its Arboretum. A list of proposed goals and objectives has been submitted for comments.

c) The FON has supplied a list of future trips and events, along with a half-price membership offer to members of affiliated clubs.

d) The Ontario Environmental Network has supplied a list of scheduled activities, as well as a request for our joining their organization.

4. Financial report:

This is not available at this time.

5. New business:

a) John Prideaux has been our FON member. He would like to see someone else take over this position as soon as possible. He will continue in the position until a volunteer is found.

5. New business (continued):

- b) The next meeting will be our annual get-together at the ROM. You will need to identify yourself at the desk in the rotunda where a tag will be given to you to get you through the gate. Proceed to the Dinosaur Gallery on the second floor and take the right hand gallery to its end. Just past the mini-theatre there is a door to the left into the room where the meeting begins at 1:00 pm. The room will be open from 11:30 and contains a rear-screen projector for which you will need to bring your own carrousel. Guests are invited. Should you have any further questions with respect to this location, please call Gord Edmund at 586-5755.
- c) It's time to plan our annual field trip. There are proposals to collect in the St. Williams area or in the Dorset-Dwight-Bracebridge area. The latter area will allow us to take advantage of Quimby's hospitality and to turn the trip into a two day event! More on this in our next minutes.
- d) Gord Edmund has netting material available that is of a superior quality. More information can be had by calling him at the number above.
- e) Doug Scovell has Peruvian butterflies for sale. Call him at 431-1988 if interested.
- f) Quimby Hess has a black-light apparatus for collecting moths. If interested call him at 482-1637.

6. Publications:

- a) There is a most interesting article in the latest Scientific American dealing with the evolution of the butterfly wing and its function.

Bring slides, specimens, exchanges, traders, sales, books, gadgets, etc. to our next meeting. Let's make it as diverse and interesting as possible!!!

The 37th annual meeting of the LEPIDOPTERISTS' SOCIETY will happen in Ottawa from May 23-26, 1986! Information may be obtained by calling Don Lafontaine at (613) 996-1665 days or (613) 225-1841 evenings. Some of our members will be attending.



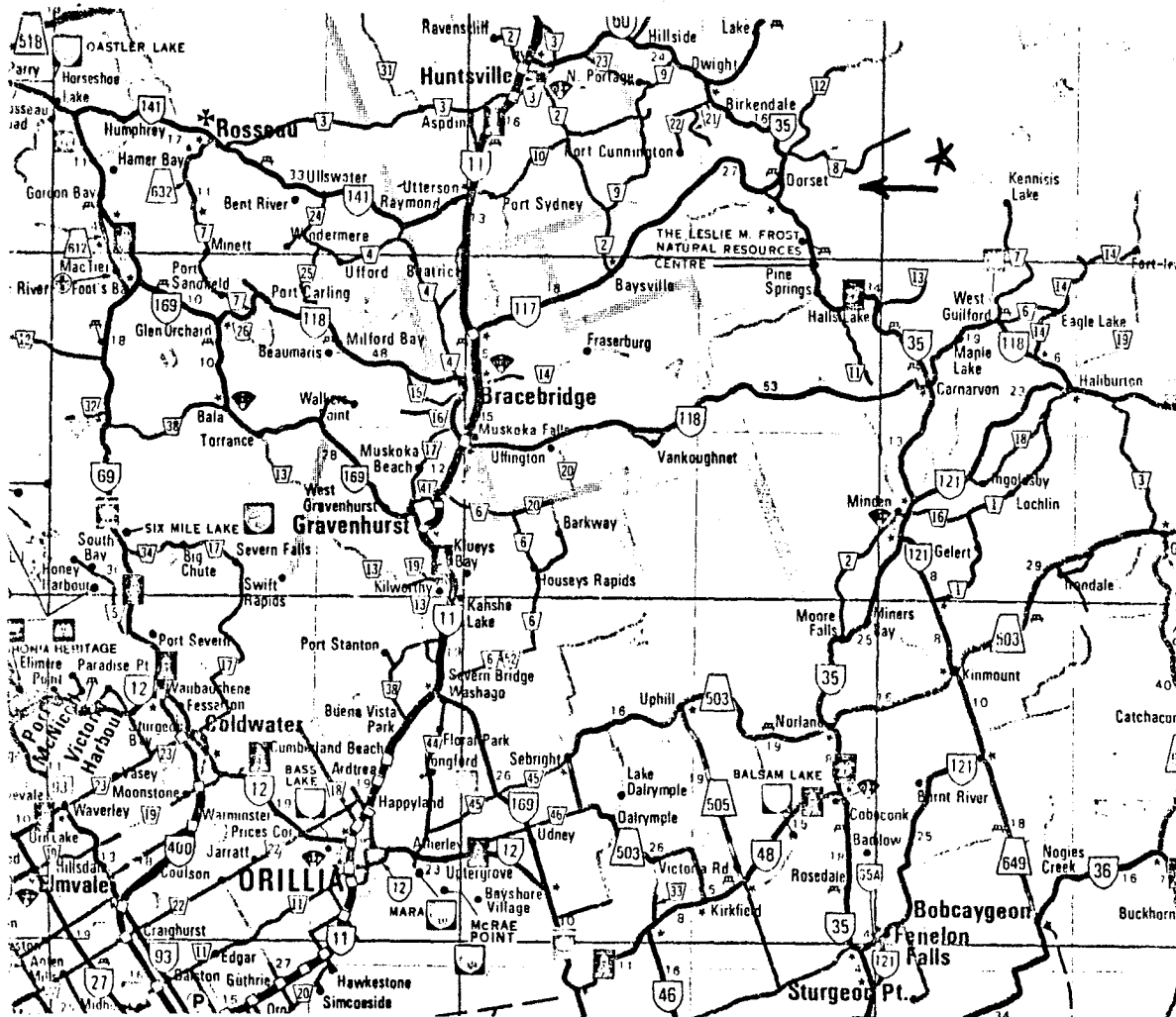
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The final meeting of the 1985/86 season was held on April 26th in the Paleontology wing of the ROM starting at 1:00 pm. In attendance were Al Hanks, John Eberlie, Quimby Hess, John Prideaux, Bert Wigg, Tom Toyomi Ikeda, Mark Goode, Bill Edmonds, Eric Bryant, Jim Spotiswood, Gord Edmund, Doug Scovell, Hal Donly, Steve Moss, Mel Tintpolver and guest Bev Lee.

The meeting was informal and very lively. The two main topics were the items brought by everyone to the exhibit and the planned field trip for the May 31st weekend.

The field trip has been set up to allow participants to go for one or two days. The itinerary has us meeting at the parking lot of Robinson's Store in Dorset at 10:30 on Saturday May 31st. The store is just across the old bridge in the center of town. From there we will travel to a number of different habitats: one of these is a Maple-Beech association where *Erora laeta* has been collected and another area will be a Canadian Shield association near Dwight. The evening may be spent at Quimby's tree farm. Sunday will be spent in the Bracebridge area before leaving for home.

There are some beds at Quimby's place and tents may also be set up outside. Please note that sleeping bags are necessary and that you will need to organize your own meals.



Below is a list of the various exhibits/items brought by everyone to the show as well as a short mention of their interests. Should you have similar interests or should you be interested in exchanging or getting rid of insects that you have, please call the relevant people.

Al Hanks brought a topical exhibit of butterflies on stamps.

Doug Scovell brought an assortment of N. American moths collected in his travels. He has some tropical butterflies for trading and is interested in Neotropical Nymphalids (431-1988).

Hal Donly brought a collection of Sphinx and Silkmoths as well as some fine photographs. He has some of the former for trading as well as a few Birdwings and some ova (823-8408).

Steve Moss brought a Ryker mount of Amazon Basin butterflies. He is interested in ova or larvae of different groups of butterflies (929-3706).

Quimby Hess brought a large assortment of books. He has a black light for sale as well as European style insect drawers and some museum boxes. He will trade S. American butterflies for Birdwings (482-1637).

Eric Bryant brought numerous photographs and is interested in beetles (439-8356).

Bill Edmonds brought a number of items (including Smart's Book of Butterflies) which were donated for a raffle.

John Prideaux brought a number of drawers containing Phyciodes, Boloria and Euphydryas species and world wide Papilionids. He has butterflies of Southern Ontario for trade and is interested in skippers of S.W. Ontario (489-0071).

John Eberlie brought a collection of Phyciodes as well as a number of booklets and articles dealing with this group.

Tom Toyomi Ikeda brought a box of Heliconids collected in Columbia (some of which are not described in d'Abrera's book). He is interested in Heliconids and Deneis for which he will trade Japanese and Taiwanese butterflies (787-1966).

Jim Spottiswood brought a number of tropical butterflies. He has tropical traders (Mexico, Far East) and is interested in western species and tropicals (282-4552).

Mel Tintpulver brought a drawer of Boloria and a drawer of coppers from N. America. He is interested in world wide lycaenids and has traders from California and Europe (848-9728).

Our thanks to Gord Edmund and the ROM for organizing the location of this meeting!