TORONTO ENTOMOLOGISTS!

ASSOCIATION

NOVEMBER MEETING

Place:

Room 4, Royal Ontario Museum, Toronto

Time:

2 - 4 p.m., Saturday Nov. 3rd.

Speakers: Topics:

Various Various

This will be the first meeting of the 1973/74 season. We will hear from various members about their activities over this past year. If you have some interesting experiences to relate or any material to show (specimens, slides, films, etc.), bring them along! As usual, do bring any specimens you may wish to swap.

One of the main items on the agenda will be a discussion of members' ideas on future activities for the Association.

See you there!

JON MAXIM

TORONTO ENTOMOLOGISTS!

A S S O C I A T I O N

NOV 1973

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DECEMBER MEETING

Place: Room 4, Royal Ontario Museum, Toronto

Time: 2 - 4 p.m., Saturday Dec. 8th.

Speaker: Dr. Glen Morris, Associate Professor of Zoology,

Erindale College.

Topic: "Sound Signals in Insects".

A NEW PRESIDENT

At the meeting on November 3rd, Ron Michaels tendered his resignation as president of the Toronto Entomologists' Association. Over the past year Ron has been involved in setting up a new business with all its associated demands on his spare time. Ron felt that he was no longer able to give sufficient attention to his duties as president, but has graciously agreed to keep on publishing our special occasional publications. We are all very grateful for Ron's leadership, which has been instrumental in keeping the Association going since its very beginning.

At the meeting a new president was proposed, seconded and voted in unanimously. He is well known to most of us - Dr. Gord Edmund. Curator of Vertebrate Paleontology, Royal Ontario Museum.

Gord began collecting insects, especially butterflies, at the age of 10. While he dabbled in photography, electronics, chemistry and other sidelines, he returned to biology at the University of Toronto upon discharge from the Medical Corps in 1946. The summers of 1948 and 1949 were spent in Algonquin Park, studying the bottom fauna of lakes. Field work for the M.A. thesis took him to Churchill, Manitoba in 1950 and 1951, where he worked on the correlation between weather conditions and black fly activity. This involved, among other things, getting bitten by anything available (mosquitoes, tabonids and black flies) every hour, on the hour. Talk about giving your life's blood for science! The maximum count was 200 mosquito bites in 30 seconds! Yes, it is true, biting insects are excited by approaching thunderstorms.

Gord went to Harvard in 1952 to pursue a career in Vertebrate Paleontology, and got his Ph.D. there in 1957. While he forsook a professional career in entomology he is still an eager amateur,

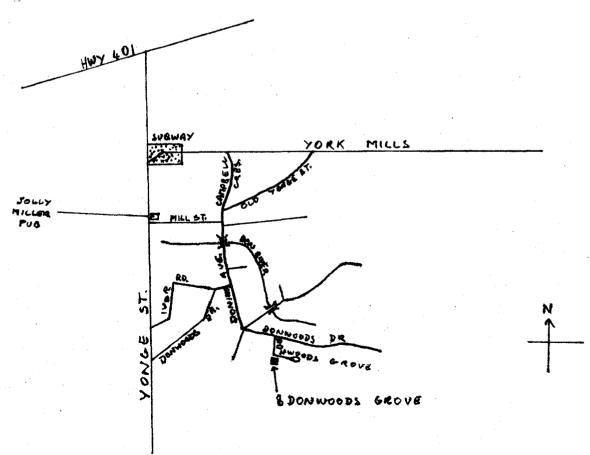
and has a fair collection of butterflies. His interests are in the classification and morphology of pierids, satyrids and argumids. Thanks in part to much travelling for the ROM, Gord has good representations of many western and couthern species, and has made numerous exchanges overseas.

As part of his duties as president, Gord hopes to get the members together more often, so that they can discover what other members are doing. Also he hopes to get more technical input for the newsletter from members, and will try to arrange for more speakers from the academic community.

Any suggestions for improving the society in any way will be welcomed.

VISIT TO A COLLECTION

Several of our members have expressed a willingness to show other T.E.A. members their private collections. To start the ball rolling Gord Edmund has volunteered to host the first meeting. It will take place any time you care to arrive from 2 - 5 p.m., Sunday Nov. 25th, at his home - 8 Donwoods Grove, Toronto. (See map below). Gord would be interested in trading and comparing any butterflies you care to bring along. He also has for sale two complete 18" black light units for moth collection at night.



Any other members interested in hosting such visits please contact Jon Maxim with a selection of suitable times and dates (preferably weekend afternoons) at:

Apartment 1218, 260 Wellesley St. E., Toronto, Ontario M4X 166

Tel: home (416) 961-5744 office (416) 866-7116

PROTECTION OF ENDANGERED SPECIES

At the November meeting a resolution was passed that the Association would become actively involved in striving for protection of Ontario's endangered insect species and, where necessary, their habitat. In particular, it was resolved that the Association would submit a recommendation to the Ministry of Natural Resources that Pieris virginiensis should be placed on the protected list of the Endangered Species Act. Attached is a draft letter which will be discussed at the December meeting and, if passed, will be sent to the Ministry of Natural Resources. If you are unable to attend, and wish to make comments, please send them in writing to Jon Maxim (see address under "Visit to a Collection").

Executive Director,
Fish and Wildlife Division,
Ministry of Natural Resources,
Whitney Block, Queen's Park,
Toronto, Ontario.

Dear Sir:

At a meeting of the Toronto Entomologists' Association it was resolved that an application should be made to you for protection of the butterfly species <u>Pieris Virginiensis</u>. This insect's occurence is limited to a small tract in Halton County. Research by the Toronto Entomologists' Association over the last five years has determined that this species does not exist at any other location in the Province of Ontario.

We would, therefore, respectfully request that <u>Pieris</u>

<u>Virginiensis</u> be accorded protection under the Endangered Species

Act.

Yours truly,

Dr. A. G. Edmund
President, Toronto Entomologists'
Association.

TORONTO ENTOMOLOGISTS!

ASSOCIATION

NEWS LETTER

JANUARY 1974

January Meeting

Place: Room 4, Royal Ontario Museum, Toronto

Time: 2-4 p.m., Saturday January 19th.

Speaker: Susan McIvor, Associate Professor of Parasitology,

Hygiene Department, University of Toronto.

Topic: How mosquitoes find us.



Dr. Glen Morris (left) gave a fascinating show at our December meeting on insect sound signals. Talking with him is our new president, Dr. Gord Edmund.

John L. Gordon, a Vancouver collector, is setting our for Northeastern British Columbia next summer. He intends to collect <u>Parnassius</u> eversmanni for sale in order to pay for the trip. The tentative price is \$25 for males and \$35 for females. He will also collect other northern species on special order. Anyone interested please contact: John L. Gordon, 4749 Haggart St., Vancouver 8, B.C.

1974

TORONTO ENTOMOLOGISTS!

ASSOCIATION

March Meeting

Time: 2 - 4 p.m. Saturday March 23rd. Place: Room 4, Royal Ontario Museum.

Speaker: J. C. E. Riotte.

Topic: Identification by Genitalian Dissection.

Lecture and practical demonstration.

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TORONTO ENTOMOLOGISTS' ASSOCIATION NEWSLETTER, APRIL 1974

MESSAGE FROM THE PRESIDENT

It is with great regret that we announce the resignation of John Maxim as Secretary-Treasurer. John has taken a new and very demanding job which will prevent him from continuing his executive work with the Society. However, he will remain an active member, and we wish him the best of luck in his new job.

Because we have not been able to contact our past President it is impossible to know our exact financial condition. Only eighteen members have paid dues so far this year, for a total of \$56.50. Because we have lost John Maxim's contact for free publication of news letters we may soon run into financial difficulties. The dues must pay all expenses, including not only the news letters but also any publications which we manage to get in press.

Manuscript is now on hand for our Occasional Publication No. 3, which will consist of two papers:

- Catling, P.M., and Walker, C.H., Annual Summary of Rhopalocera Encountered in Ontario in 1971.
- Catling, P.M., On the Occurrence of the Little Sulphur Butterfly (Eurema lisa) in Ontario.

It is hoped that this contribution can be published sometime between new and fall, and will be mailed to all members.

Father Riotte assures me that the manuscript for the Check List of Ontario Lepidoptera is safe in his hands, and can be made ready for publication with little effort. We may be able to get it published in the fall if finances permit.

All of which brings up the subject of money. Except for certain free services scrounged by some members who wish to remain anonymous (so they don't lose their jobs) we must pay for all printing, postage, etc. Even the cheapest publication costs two or three dollars per page, plus covers and mailing. Thus we ask that every member who hasn't paid his annual dues do so nov. Dues are expected to be paid in January, but so far only about a quarter of the membership has seen fit to support their Society.

Another way to support the Society is to turn out to the meetings. While there was a period when the meetings were less than organized, that cannot be said of the '73-74 season. We have had a very good series of speakers and subjects, and it is my hope that we can do even better next year. At the same time, it is discouraging to arrange for a free lecture from an outstanding researcher only to have an attendance of less than twenty. Perhaps I sm expecting too much, but surely if the Society is worth continued existence it deserves better attendance. One way to ensure this is to try to encourage

increased membership. Next fall I intend to write to other Natural History groups in Ontario as well as High School Science teachers (and anyone else you wish to suggest) in order to make our existence known. We must have more members if we are to be able to meet our major aims - provide interesting meetings, publish worthwhile papers, and provide a medium for the exchange of information on entomology.

I'll get down off my soap box now, and get on with the news.

Gordon Edmund.

Pat Norgate (P.O. Box 87, Drayton, Ontario NOG 1PO) would greatly appreciate some Luna cocoons. She is even willing to pay for them!

Several Lepidoptera collectors have written asking for various groups in return for material from their areas:

- i Ted Pike, 11547 80 Avenue, Edmonton, Alberta, who wants series of Boloria of any species or locality, and offers Speyeria and certain Arctic spp.
- ii <u>William D. Hartgroves</u>, a veteran collector of the mid-Atlantic states area, has a big swap list which will be available at the next meeting.
- iii <u>Hisato Nagaoka</u> has a good variety of Japanese butterflies which he hopes to swap for <u>Papilio</u>, <u>Parnassius</u>, <u>Pieris</u>, <u>Danaus</u>, and <u>Colias</u>. He has already sent some excellent material to Gord Edmund.

Several others have written regarding exchanges, and particulars will be available at the meeting. Also - what happened to the swap sessions we used to have? Doesn't anyone collect duplicates anymore?

* * * * * * * * * * *

The next meeting will be on April 20th at 2 p.m., Room 4, R.O.M. Included in the agenda will be the following:

- Nominations for a new Secretary-Treasurer (Any volunteers?)
- Presentation of the letter regarding the declaration of P. virginiensis as an endangered species.
- An illustrated talk by Walter Plath on his recent work rearing moths. Walter's experience finding eggs and larvae, and his success in rearing and photographing them are fascinating to behold. This series

promises to be even better than those we saw last year, if such is possible.

- Discussion of possible field trips during the summer.

See you at the Meeting April 20th, and don't forget those membership dues!

P.S.

Dues can be mailed to the Toronto Entomological Society

c/o Dr. Gordon Edmund
Department of Vertebrate Paleontology
Royal Ontario Museum
100 Queen's Park
Toronto
Ontario M5S 206



M sof the

Ministry of Natural Resources

416/965-1301

Whitney Block
Queen's Park
Toronto Ontario

June 26th, 1974.

Dr. Gordon Edmund,
President,
Toronto Entomological Association,
Royal Ontario Museum,
100 Queen's Park,
Toronto, Ontario.—
M5S 2C6

Dear Dr. Edmund:

Thank you very much for your letter of June 10th suggesting that consideration be given under The Endangered Species Act to the status of the butterfly species, Pieris virginiensis.

members of our fish and wildlife staff upon occasion but none have provided documentation up to now, which is necessary for us to consider when setting out the regulation.

With reference to documentation, I am sure that you will appreciate that in order to maintain the degree of authenticity which is essential to the success of The Endangered Species Act and Regulations, good scientific reasons for the protection of any species should be advanced. A number of suggestions have been made to protect relatively common species, particularly plants such as the trillium, and while there may be merit in some of these suggestions, the majority have never been of the type which dealt with known species whose existence was endangered.

I am sure that you appreciate too that we do not have on our Ministry staff people who are sufficiently expert with respect to many species that they can develop the documentation on their own. For this reason, we do depend upon suggestions of people like yourself. Is it possible that you could forward

to Mr. K. K. Irizawa, Executive Director, Division of Fish and Wildlife, the scientific material which you may have on hand and which would support your recommendation. Copies of these will then be placed in our Endangered Species Record Book and will form the basis for a Regulation after consideration by those of my staff who are charged with this responsibility.

Once again I would like to thank you very much for your interest in this matter.

Yours sincerely,

Leo Bernier, Minister.