



TORONTO  
ENTOMOLOGISTS'  
ASSOCIATION

34 Seaton Drive,  
Aurora, Ontario,  
L4G 2K1.

August 31, 1982.

Greetings, fellow members:

Our new season of meetings will be starting in September as usual, and the Planetarium has been booked for the following dates:

SATURDAY	SEPTEMBER 25
SATURDAY	OCTOBER 23
SATURDAY	NOVEMBER 27
SATURDAY	JANUARY 22
SATURDAY	FEBRUARY 26
SATURDAY	MARCH 26
SATURDAY	APRIL 23

All the meetings, as usual, will start at 1 p.m., and if any member has material for any kind of presentation during the season, please let a member of the executive know. We will endeavour to develop a programme later.

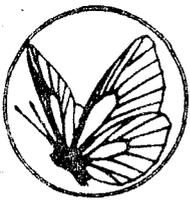
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The combined ESC, ESO and ESA meetings are taking place in late November, and as mentioned earlier this year, we will be putting on a display at the ROM during the weekend that the meetings commence - November 27. This coincides with our regular meeting date, so we hope to have some visitors on this occasion.

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If anyone wishes to be put on the mailing list for the Ontario Insect Collectors News (issue # 2 is out), please contact Alan Hanks, or send name and address.

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**TORONTO  
ENTOMOLOGISTS'  
ASSOCIATION**

APPLICATION FOR MEMBERSHIP IN THE TORONTO ENTOMOLOGISTS ASSOCIATION 82 - 83 SEASON

NAME \_\_\_\_\_ PHONE NO. \_\_\_\_\_

ADDRESS \_\_\_\_\_

\_\_\_\_\_ POSTAL CODE \_\_\_\_\_

FEE (\$15) ENCLOSED (Cheque or Money Order) \_\_\_\_\_

STUDENT FEE (\$6) ENCLOSED \_\_\_\_\_

Return to: Alan J. Hanks, 34 Seaton Drive, Aurora, Ontario, L4G 2K1.

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Please return as soon as possible, as the financial status is bleak at the moment.

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If you know anyone else who may be interested in the Association, please have them contact any member of the executive.



TORONTO  
ENTOMOLOGISTS'  
ASSOCIATION

1982/83 Season

Newsletter # 1

September 28th

The first meeting of the new season took place in the Planetarium Lecture Room on September 25th, starting at about 1:15 p.m. In attendance were:-

Alan Hanks (Treasurer), Quimby Hess, Bert Wigg, John Eberlie, Bill Edmonds, Jay Cook, Mac McDonald, Ron Ridout, James Kamstra, Tom Toyomi Ikeda, Peter Noyle, Donald Fraser, Barry Harrison and guest Mark Saunders.

1. Business arising from the minutes of April meeting.

The main item of discussion was the upcoming Entomological Conference in Toronto November 27 - December 3. The lower rotunda has been made available to the T.E.A. on the afternoon of November 28 for various displays. The hours are from 1 - 6 p.m., although the Museum is open until 8, and if necessary, we can keep going until then. The Entomology Department of the Museum will make a number of tables and display boards available to us for use during the event. A number of displays are already being worked on as follows:

- a) A rearing display by John Eberlie, hopefully featuring Lepidoptera and a couple of other orders.
- b) A stamp exhibit of butterflies on stamps by Al Hanks.
- c) A display on butterfly conservation by Quimby Hess.
- d) A display of T.E.A. publications, including spare copies for sale, together with membership details and application blanks.
- e) A demonstration on setting butterflies and/or moths. Some specimens in a relaxed condition are needed for this.

A number of other activities are planned and we need some help either with setting up displays or helping out on the actual day. Please call Doug Scovell at 431-1988 if you are interested or will be available. A display of Ontario butterflies is needed - this should be emphasized as important for any visitors to our displays, also any other insects that are of interest or that would promote comment. Further discussion on all of this at the next meeting - October 23rd - plan on being there - your support is needed.

In conjunction with this event, a photo salon has been arranged to take place in the lower rotunda theatre during the same afternoon, starting time not quite set as yet, but probably 1.30 or 2.30. In addition to all of this, a room has been made available for a meeting of amateur entomologists on Tuesday, Nov. 30 at 9 p.m. This is the York Room in the Royal York Hotel, and members of the T.E.A. are urged to attend. We want to discuss various aspects of amateur roles in entomology, and possibly discuss some ways of coordinating efforts at conservation etc.. Please try and be there.

2. Correspondence.

- a) Bert Wigg brought a letter from Jerzy Turzinski in Poland thanking the T.E.A. for his membership and interest.
- b) A letter was received noting that one of our members, Bill Munro of Haliburton, had passed away in May of this year.
- c) A letter from the Allyn Museum thanking us for their copy of the 81 Summary.
- d) Two letters from Mike Matheson in Leamington, one enquiring about the T.E.A. and one with a cheque for membership.

e) Letters from the Halton Region Conservation Authority and the M.N.R. in London requesting copies of T.E.A. Summaries.

3. Financial Report:

The year started with approximately \$6.62 in the bank. With membership renewals and publication payments so far this season, the balance now stands at \$240.12. This year should be healthier with the increased dues.

4. New Business:

a) There will be an event at the St. Lawrence Hall at 8.30 p.m. on Oct. 19th, 1982 with the Hon. Alan Pope, Minister of Natural Resources present. The topic for discussion and argument is the new parks programme currently under investigation by the M.N.R. In effect, according to Ron Tasker, our F.O.N. Rep., the Minister will be in opposition to his own Ministry. He is considering 240 candidate parks under a new scheme, whereas these parks have been under attack from within. Get out and vote for his scheme, and in addition, send in letters supporting his points of view. Any letters should reach him before Nov. 8th.

b) The F.O.N. has apparently not followed through in any way on the T.E.A. suggestions for a Karner Blue habitat preservation scheme. Quimby Hess suggests that we should commence work to carry this through at the earliest opportunity, so that the project does not die. He noted that less butterflies were seen this year, and that the Lupine plants seemed to have declined to some extent.

c) The membership list is now being handled on a TRS-80 computer, as the Treasurer has found this much easier for keeping track of dues, and also as an aid in producing address labels. It was suggested that a supply of labels be purchased for the machine.

5. Publications:

a) A copy of 'Trail & Landscape', the Ottawa Naturalists Club publication was brought by Barry Harrison. The issue was the one containing a list of Butterflies produced by one of our members, Ross Layberry, in conjunction with Don LaFontaine etc.. Hopefully a copy will be obtained for our library.

b) The second issue of 'The Ontario Insect Collectors News' has been produced, and there have been a number of requests from T.E.A. members to be put on the mailing list. This publication is produced by Al Hanks and Steve Marshall of the University of Guelph.

6. Programme:

Quimby Hess showed a number of slides of various habitats investigated by him this season. These were in northern areas, and he also showed slides of some butterflies. It was interesting to note differences between populations of these insects from different bog habitats.

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SPECIAL NOTICE: All those who intend submitting material for the 1982 Summary please note the following:

1. Please submit the material by October 30th at the LATEST. Submissions after this may not be included, unless alterations are simple.
2. Please follow the sequence shown in the 1981 Summary. Also ensure legibility.
3. Please use one side of the paper only, to facilitate copying. Double spacing.
4. Please insert name or number of the County or District as T.E.A. 13-82.
5. Send to Q.F. Hess, 11 Esgore Drive, Toronto, Ontario, M5M 3P9 (416-482-1637).



TORONTO  
ENTOMOLOGISTS'  
ASSOCIATION

1982/83 Season

Newsletter # 2

October 23rd

The second meeting of the new season was held in the Planetarium Lecture Room on October 23rd, starting at 1:15 p.m. In attendance were:-

Alan Hanks, Bert Wigg, John Eberlie, Bill Edmonds, James Kamstra, Ron Ridout, Donald Fraser, Doug Scovell, John Prideaux, Tom Toyomi Ikeda and Gord Edmund.

1. There being no errors or omissions from the minutes of the first meeting, they were adopted as read.

2. Correspondence:

A letter was received from Dr. Urqhart with regrets that he could not address a meeting due to health problems. He sent good wishes to the TEA.

John Reynolds wrote to inform of his address change to Queen's University, where he has started a Masters programme in the Biology Dept.

A copy of a letter by Alan Wormington regarding the article by Craig Campbell titled 'Save the Butterflies' - (Nature Canada, Oct./Dec. 1982). Alan deplores the implication that adult 'collectors' are catching "rare" butterflies for the purpose of sale or trade.

Gord Edmund received a note that the ordered insect pins will soon be available at \$11 per thousand. Also a letter from a friend of Father Riotte in France who is looking for a female Eacles pini for his collection. If anyone can oblige, his address is Laurent Schwartz, 37 rue Pierre Nicole, 75005 Paris, France. Gord also had a letter from Father Riotte, who sends regards and states that he is working hard - has received drawers for the Australian collections and is close to publishing material on Sphingidae.

A letter from Ron Tasker requests that he be replaced as FON rep., as he is now the rep. for an ornithological group. Any volunteers???

3. Financial report:

Treasurer Hanks stated that only 36 members have paid so far this year, leaving 33 unpaid - not a very good record. There is currently \$279 in the bank.

4. Publications and book reviews:

John Eberlie brought a copy of the Journal for Research on the Lepidoptera in which an interesting article by Ehrlich and Murphy criticizing some of the latest trends in nomenclature changes. Also book reviews on 'The Audubon Field Guide to North American Butterflies' and 'Butterflies of the Rocky Mountain States'.

Don Fraser brought a copy of 'Butterflies & Moths in Britain & Europe' by David Carter. This is a very nice production, with a mixture of excellent plates - some of living insects and the rest of set specimens.

Bulletins #'s 75 and 76 were received from the Allyn Museum and also the Autumn issue of 'The Great Lakes Entomologist' with an article on the Monarch larva in Wisconsin.

Doug Scovell brought a copy of the Scientific American for August 1982, which has an interesting article on the Passiflora vine and Heliconius.

Don Fraser also produced a copy of a listing in the 'Blue Jay' for the butterflies of N.E. Alberta.

A copy of 'Today' from the University of Florida has a number of things in the August issue regarding butterflies, particularly Monarch migration.

5. Main programme:

The main topic of this was the arrangements for the TEA show in the Museum Rotunda on November 28th, between 1 and 6 p.m. This of course is being held just before the start of the ESC/ESO/ESA meetings. Considerable discussion took place regarding this event and the number of people who are already putting in displays. These include so far:

- a) Al Hanks with an exhibit of butterflies on stamps.
- b) John Eberlie with an exhibit on rearing butterflies & moths.
- c) Bill Edmonds with variations in the Monarch butterfly.
- d) Richard Tanner with photographs and insect photography techniques.
- e) Bert Wigg with artistic displays using butterflies.
- f) Gord Edmund and Doug Scovell with preparation of specimens.
- g) Quimby Hess with butterfly conservation and some strange insects.
- h) Sid Daniels with some Ontario butterflies.
- j) Tom Toyomi Ikeda with Japanese butterflies.
- k) Rod Parrot with a display of various exotic insects.
- l) Slide displays on an Ektagraphic projector.

Contact has been made with the Museum regarding the production of various signs denoting what the displays are and who is presenting them. Also, the needed tables, chairs and vertical display boards will be supplied by the Museum staff. The next meeting will be taken up primarily with arranging all of this material in the Rotunda in readiness for the Sunday opening. This will necessitate a later attendance, since we can only leave material set up if people will be in the Rotunda until 6 p.m. when the Museum closes.

We are hoping that this will be a great event in TEA history - practically a one and only chance to put ourselves before the public, and any professional entomologists that may attend the slide competition in the Theatre on Sunday afternoon. It will be a good chance for some of the members who have never been to a meeting to get out and meet other members of the Association. Let's see everyone out in force to support the TEA.

After the above discussion, James Kamstra showed some very interesting slides taken during his recent sojourn in Belize. Some very nice butterfly slides were displayed.

Gord Edmund gave a brief run down on the upcoming trip to Peru in 1983. The tour will last nearly three weeks and will take in Iquitos, Porto Maldonado, Cuzco, Lima and Tingo Maria. If Macchu Pichu is visited, it will add more time to the trip. Cost is expected to work out to about \$100 per day, not including flight down to Miami, where the tour leaves from.

6. Annual Summary:

Quimby Hess was not at the meeting, but there is a last call for material to be submitted for the Summary. Please contact Quimby if you are planning to send anything in, but please do it quickly.

ANYONE WHO HAS NOT PAID THEIR DUES - PLEASE SEND THEM IN NOW - OTHERWISE NO MORE NEWSLETTERS WILL BE SENT AND THE NUMBER OF SUMMARIES WILL BE REDUCED.

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# TORONTO ENTOMOLOGISTS' ASSOCIATION

T.E.A. DISPLAY - NOVEMBER 28

THE UPCOMING MEETING OF SATURDAY, NOVEMBER 27th, WILL BE MAINLY CONCERNED WITH SETTING UP OUR DISPLAY MATERIAL IN THE LOWER ROTUNDA OF THE MUSEUM. WE HAVE PERMISSION TO DO THIS, AND THE SUGGESTION IS THAT WE GATHER IN THE NORMAL PLACE AT 1:00 TO 1:30 AND THEN PROCEED TO THE ROTUNDA. PRESUMABLY WE SHALL ALL HAVE TO GET VISITORS BADGES, BUT THIS WILL BE PRE-DETERMINED. HOPEFULLY THE TABLES AND OTHER MATERIAL REQUIRED WILL BE ON HAND. AS LONG AS SOMEONE IS ABLE TO STAY UNTIL 6:00 P.M., THE MATERIAL MAY BE LEFT UNTIL THE FOLLOWING DAY UNDISTURBED. THE FOLLOWING DISPLAYS WILL BE ABLE TO BE SET UP ON SATURDAY (HOPEFULLY), OR ON SUNDAY BEFORE THE MUSEUM OPENS.

- |  |   |                               |
|--|---|-------------------------------|
| 1. Butterflies on Stamps                   | - | Al Hanks                      |
| 2. Rearing Butterflies and Moths           | - | John Eberlie                  |
| 3. Variations in the Monarch Butterfly     | - | Bill Edmonds                  |
| 4. Insect Photography                      | - | Richard Tanner                |
| 5. Artistic Butterfly Displays             | - | Bert Wigg                     |
| 6. Specimen Preparation                    | - | Gord Edmund &<br>Doug Scovell |
| 7. Butterfly Conservation & Exotic Insects | - | Quimby Hess                   |
| 8. Some Ontario Butterflies                | - | Sid Daniels                   |
| 9. Japanese Butterflies                    | - | Tom Toyomi Ikeda              |
| 10. Various Exotic Insects                 | - | Rod Parrot                    |
| 11. Ektagraphic Slide Displays             |   |                               |

Hope everyone can make it down on Saturday - remember Murphy's Law!!!



# TORONTO ENTOMOLOGISTS' ASSOCIATION

1982/83 Season

Newsletter # 3

February 4th

The third meeting of the season was of course held on November 27th, and consisted of preparation and setting up of displays for the display and show on the 28th. Doug Scovell, Gord Edmund, Quimby Hess, John Eberlie, Al Hanks, Bert Wigg, Tom Toyomi Ikeda, Tony Holmes, Sid Daniels, Bill Edmonds and Richard Tanner all lent a hand, and the displays were mostly completed by the end of the afternoon.

The display was open to the public on the afternoon of November 28th from 1 p.m. to about 5 p.m., with many of the above mentioned members on hand to be able to answer questions and give information. The event was reasonably successful, and a fair number of visitors were entertained. The only disappointment in the whole proceedings was the very small number of T.E.A. members that turned up. Rod and Joan Parrot brought some display material from Port Hope, Mike Matheson came from Leamington, Jim Troubridge from Caledonia and Ruth Jackson from Kleinberg. I feel it would have made the afternoon more enjoyable for all those who worked hard on the display to see a few members from the Toronto area.

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The fourth meeting was held in the Planetarium Lecture Room on January 22nd, at 1.15 p.m. In attendance were:-

Bud Ridley, John Prideaux, Bert Wigg, Tony Holmes, John Eberlie, Quimby Hess, Bill Edmonds, Don Fraser, Mike Oldham, Ron Tasker, Ralph Abell and one visitor, Kenichi Kano.

#### 1. Correspondence:

Letters are on hand from Quimby Hess to the Regional Director of the MNR in London regarding the Karner Blue and various suggestions for habitat preservation. Also, a letter from the Coordinator of the Ontario Breeding Bird Atlas noting that he or his assistant will be available in the coming year to give talks on this subject. It could be of use in the formulation of a similar endeavour for butterflies.

#### 2. Financial report:

The current balance stands at \$500.12, which should be sufficient to put out the annual summary, including postage.

#### 3. New business:

- a) Tony Holmes discussed the completed M/S for 'The Occurrence and Distribution of Ontario Butterflies - an Annotated Checklist - 1983'. This project has been on-going for some years now, and it is good to see the completion. Tony is now going to see about the possibilities of getting it published.
- b) The 1982 summary is now in the hands of the typist???. Hopefully it will be completed soon and available for proof reading before publication.
- c) A current membership list is to be included with the next minutes.

#### 4. Programmes:

Quimby Hess showed slides of a trip to Leticia in Colombia. The next meeting will have Jim Troubridge talking about some recent changes in the taxonomy of North American butterflies, with slides and specimens.

FEBRUARY 26 TH.



# TORONTO ENTOMOLOGISTS' ASSOCIATION

1982/83 Season

Newsletter # 4

March 9th

The fifth meeting of the season was held in the Planetarium Lecture Room on February 26th, at 1.10 p.m. In attendance were:-

Alan Hanks, Doug Scovell, Jim Troubridge, Bud Ridley, John Eberlie, Brian V. Brown, Creighton Orr, Alan Brown, Barry Harrison, Kenichi Kano, Dave Bradley, Mike Oldham, Donald Sutherland, Donald Fraser, Tom Toyomi Ikeda, Gord Edmund, Bill Edmonds, Gordon Townsend, Richard Tanner and guest Karen Wilson.

## 1. Correspondence:

A letter from the Entomological Society of America referring to the get together of Amateur Entomologists held on Nov. 30th. One important item that was discussed was a trip to the University of Guelph in 1983 with collection access, a collecting trip and a film show on the Saturday night. Anyone interested please contact Al Hanks so that he can give details when available.

A letter from Mike Cadman (Ontario Breeding Bird Atlas Coordinator), noting that he or his assistant will be available to give talks to nature clubs in the coming year. This could have a bearing in obtaining details of the data collection methods which could be applied to Lepidoptera. Mr. Cadman will be contacted.

Two letters from Quimby Hess to Mr. N.D. Patrick, Regional Director for the M.N.R. in London. This concerns the Karner Blue status in Ontario, & full details have been passed on to Mr. Patrick.

A letter from Mo. Neilsen of the Michigan Entomological Society regarding *Pieris virginianensis* collecting in northern Michigan.

A letter from the Zoological Museum of the Mexican National Museum to request any copies of publications that may be available. A copy of TEA # 13-82 has been sent to them.

A letter from Dr. Stewart Hilts (Chairman - FON Nature Reserves Committee) at the University of Guelph, enclosing a copy of the first issue of 'Sanctuaries' the first newsletter of the Committee.

A letter from the Exhibits Committee of the Ottawa Field Naturalists Club noting that the Club is hosting the 52nd annual meeting of the FON. Exhibits are solicited, and anyone interested should contact Al Hanks for details.

A letter from an Italian Entomologist requesting specimens of *Parnassius* subspecies from N. America. Anyone with specimens please contact Al Hanks.

A letter was published in the Opinion column of a recent issue of Nature Canada referring to the 'Save the Butterflies' note which appeared previously. The letter was written by Alan Wormington, and gave a very good rebuttal to the implied collector irresponsibility in the note.

## 2. Financial Report:

The current balance is \$498.12, relatively unchanged from the previous report.

## 3. New Business:

a) Gord Edmund gave an update report on the upcoming trip to Peru which was scheduled for October 1983. Apparently this coincides with a meeting of professional entomologists in the same area. Accordingly the trip has been changed to November 1983, and may have side trips to the Galapagos available. CP Air is

apparently running flights from Toronto to Lima at reduced prices, which may be a help to anyone who intends to go.

b) It was noted that the annual Lep. Soc. meeting is in Columbus, Ohio, in early July, 1983. A few members may get together to go, with the idea of camping in the area to keep costs down. More details later.

c) It has been suggested that in view of the large number of TEA members outside the Toronto area, that the name of the Association may be changed. The suggested change might be Ontario Amateur Entomologists Association. There are a number of problems associated with a name change, and any ideas from the membership at large would be appreciated.

#### 4. Publications and book reviews:

a) Gord Edmund discussed the situation with respect to Bernard d'Abrera's volumes on the butterflies of the world. Apparently Mr. d'Abrera has severed his connection with Lansdowne Publishers in Australia and will undertake production of further volumes himself. This should result in better quality and a slightly lower price.

b) Al Hanks reported that typing of the Summary is progressing, and it is hoped that publication will be earlier this year.

#### 5. Main Topic:

Jim Troubridge gave a dissertation on some recent taxonomic changes in North American butterflies, profusely illustrated with large numbers of specimens and slides. The concentration was on recent changes in *Oeneis*, *Erebia*, *Colias* and *Erebia*, but a large number of Swallowtails in the *P. machaon* complex were shown. The whole presentation was extremely interesting, and served to illustrate the fact that there is still much work to be done in the field of North American lepidoptera, but that it is necessary to take great pains in the collection of specimens and examination of large series from other collections.

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No field trip has as yet been arranged for late spring/early summer, and any suggestions would be welcome. These trips are usually most enjoyable when the weather cooperates, and it would be nice to see more members out on them.

Next meeting is on March 26th at 1 p.m. in the Planetarium Lecture Room - let's have another well attended meeting.

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TO: TEA Members

Re: Summary of two letters forwarded to the Regional Director,  
London, Ont. on Dec. 9th and 21st, 1982 in respect of proposed  
management plans to maintain the Karner Blue butterfly in Ontario.

In discussions with Irene Bowman of the Ministry of Natural Resources I was advised that the Federation of Ontario Naturalists had discussed endangered species of Ontario with MNR but did not include the Karner Blue despite a letter from our Association to the FON. Therefore, the undersigned, as advised by Ms. Bowman, decided to write to the Regional Director, London re the subject on the letterhead of the Quetico Foundation with which I am associated.

In my first letter, after stating the reason for my interest and the conclusions of the TEA field surveys at St. Williams and the Pinery over the last few years, I recommended the following management action (my second letter included a Xerox re the Karner Blue projects in New York State.

A. The St. Williams Karner Blue Locality

1. To carry on brushing out of existing Wild Lupine areas, especially along forest roadsides, so that sufficient sunlight is available to the lupine plants.

B. The Yogi Bear (Pinery) Karner Blue Locality

1. to contact the Yogi Bear property owners to advise them of the fact their property supports a Karner Blue colony and enlist their co-operation.
2. To get a written agreement from the Yogi Bear property owners to permit the fencing of one or two acres within the area pinpointed on an accompanying sketch.
3. To establish a similar one or two acre area in a selected area in Pinery Provincial Park as indicated.
4. Within the two propagation areas to manage the crown canopy and soils to assist the germination and growth of healthy wild lupine plants. To assist the germination of lupine seed a method to carry this out was recommended.

OVER

5. The objective is to nurture and protect key wild lupine areas to maintain the survival requirements of the Karner Blue population which can expand into suitable areas outside the designated areas, hopefully.

I received a reply indicating that the MNR would be pleased to institute a plan to maintain the Karner Blue population. Subsequently, I received a phone call from the President of P.A.W.S. advising they were interested in providing some funding in this respect. The Ontario Heritage Foundation is also a possibility if further action is needed.

QFH/ib

Q. F. Hess

P.S. It is hoped that the TEA members will all support the above recommendations and advise the Ministry of Natural Resources of our interest in action being taken as necessary.



TORONTO  
ENTOMOLOGISTS'  
ASSOCIATION

1982/83 Season

Newsletter # 5

March meeting

The sixth meeting of the season was held in the Planetarium Lecture Room on March 26th, at 1.10 p.m. In attendance were:-

Quimby Hess, Jay Cook, Bill Edmonds, Don Fraser, Tony Holmes, Tom Toyomi Ikeda, Kenichi Kano, Mac McDonald, Bud Ridley, Ron Ridout, Don Sutherland & Bert Wigg.

1. Business arising:

Quimby Hess initiated a discussion of the Karner Blue status in the Province. A summary of two letters that had been forwarded to the MNR Regional Director in London was circulated. This pertained to proposed management plans to maintain the Karner Blue in Ontario. Quimby related to members how ineffectual the FON has been with regard to initiating action toward the preservation of the Karner Blue. Apparently the MNR would have listened had the FON even responded to our requests. Quimby wrote a letter to the London Offices of the CWS/MNR relating to the Karner Blue situation (i.e. Yogi Bear site needs to be enclosed by an acre or two of fencing; there is too much conifer planting at both the Pinery and St. Williams sites). Further discussion continued regarding possible additional sites for the Karner Blue in Ontario. It was agreed that the Harwood Sandplain (Northumberland Co.) should perhaps be investigated as should other areas in the Province where the larval food plant (*Lupinus perennis*) is known to be still extant. It should also be checked whether the insect feeds on the widespread garden or domestic lupine (*Lupinus polyphyllus*). There was also discussion as to the investigation of the range/status of *Incisalia irus*. It was agreed that a future meeting agenda should include provision for a discussion of possible candidacy for a rare species.

2. New Business:

There was some discussion on species or areas to be looked at during the summer of 1983.

The FON Conference at Carleton (Ottawa) was discussed. It includes a tour of the Canadian National Collection by J.D. LaFontaine and Peter Hall. Collecting in the area may also be included.

Possibilities for the TEA field trip in late May or early June were discussed, & several areas were suggested. Kemble in the Owen Sound area was put forward as a possible trip to look for *Pieris virginiensis*. Also suggested were St. Williams, Prince Edward Co., Short Hills, Point Pelee area, Skunk's Misery in Middlesex Co. and the Harwood Sandplain south of Rice Lake in Northumberland Co. The selection of an area will be made at the next meeting.

3. Publications:

Quimby Hess reported that the 1982 Annual Summary has been typed and would be available for distribution at the next meeting. It includes many new records, in particular for moths, and generally looks very good. Quimby also announced that he will relinquish his responsibility for the 1983 Summary to someone else. He retires from this duty after 11 years of doing a super job, and a debt of gratitude is owed by the Association to Quimby for all his hard work. He mentioned that James Kamstra has agreed to compile a moth summary (only Saturniidae and Sphingidae, Arctiidae and Catocala spp). Donald Fraser volunteered his services for the compilation of the 1983 summary for butterflies.

4. Showing of specimens:

Bert Wigg displayed a Praying Mantis egg mass that he had collected. Q. Hess identified it and then enlightened those present with stories of the voracious feeding habits of these insects. Bert displayed a collection of butterflies he had taken on Miami Beach street corners while he was on a recent visit there. Tom Toyomi Ikeda showed a collection of butterflies taken during his visits to Churchill, Manitoba in 1981 and 1982. Enquiries were made by the members present regarding the accomodation costs and suitable collecting localities in Churchill. Tom replied that the Hotel Churchill charged \$25 a day & that collecting seemed pretty wide open in the general area.

5. Main Topic:

There being no speaker, Quimby Hess gave an informal slide presentation of some Ontario butterflies he had known. During the course of the talk, Quimby showed many fine slides and talked about butterflies encountered by him in favourite collecting spots in Atikokan, Geraldton, and many localities in south-central & southwestern Ontario.

D.A. Sutherland (Acting Secty.)

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The seventh meeting was held in the Planetarium Lecture Room on April 23rd, at 1.10 p.m. In attendance were:

Alan Hanks, Doug Scovell, Bert Wigg, John Eberlie, Quimby Hess, Mac McDonald, Kenichi Kano, Bill Edmonds, John Prideaux and Gord Edmund.

1. New Business:

It was noted by Doug Scovell that the Association needs to develop a more forward looking approach to the organization. A good example of this would be the need for a programme committee to obtain speakers for our meetings to try and increase the attendance. Gord Edmund volunteered to head up a programme committee, and at least two volunteers are needed to help with this.

One of the main topics for discussion was the field trip. The various areas talked about at the last meeting were discussed in some detail, with the pros and cons of each brought out. The time or date were also discussed and it was pointed out that the weekend of June 4 - 5 was when the FON Ottawa meeting was on. It was finally decided that the Kemble area near Owen Sound would be a good spot, and that the June 4th date would be selected. Various different ways of doing the trip were talked over, but the general opinion was to let everyone make their own decision about how to get up there and whether to stay overnight. Details of time and place of meeting will appear at the end of these minutes.

2. Correspondence:

a) A letter from member Dana Gring in Ohio regarding the upcoming Lep. Soc. meeting in Ohio in early July (weekend of the 2nd). He has volunteered to help members attending with finding collecting sites in the area if they are interested. Also, if anyone is interested in exchanging specimens or livestock, please contact Dana. He wishes to obtain ova of *A. luna* from the northern area and has ova of *E. pini* in exchange.

b) Much material from the FON. Letter re. OMB hearings on wetlands. A letter from Russ Tilt to Ron Tasker with Federation newsletter, listing achievements, drive on wetlands and Niagara Escarpment salvation etc... Also a request for our annual

federation fee. Some discussion took place as to whether this should be renewed, but as Dr. Eberlie pointed out, the FON do considerable lobbying on behalf of the conservation of various areas, and he cited the Dorcas Bog as a case in point.

c) Canadian Nature Tours had a flyer on various trips that were available.

d) News from the University of Florida regarding a trip to Ecuador in 1983.

e) It was noted that *Euptoieta mitchelli* may now be in Ontario, with Poison Sumac as the food plant. Also noted that *Incisalia lanoraiensis* is now in Ontario in the Alfred Bog - both these by Jim Troubridge.

4. Financial Report:

There remains in the bank approximately \$94 after the printing of the summary, a very good result for the year which showed that increasing the membership to \$15 put the Association on an even footing financially for the first time in a number of years. The funds remaining should be sufficient for mailing etc.. A number of long time members did not pay their dues for the season, and no summaries will be sent to them.

5. Publications:

The summary has 73 pages this year and was printed on two sides to cut down on mailing costs. A new handbook on the butterflies of Africa by Carcasson was brought by Doug Scovell - the hard cover edition has a complete species and sub-species listing - very useful.

6. Note on a new camera:

Gord Edmund described a new Minolta model X-700 that has a number of advanced features which are of use to nature photographers. It has flash sensors mounted inside the body to read the light reflected off the film so that precise control of the flash for close up subjects is possible. It also has a controlled timing mechanism allowing time sequence photography to be done automatically, together with a date and time back and motor wind mechanism. All in all a useful device.

THE FIELD TRIP.

As already stated, the trip will be to Kemble in the Owen Sound area. Travel to Owen Sound by your own devices - link up with other members if possible. Take a paved county road north to Balmy Beach and thence to Kemble. Meet at the Kemble Post Office about noon on June 4th. Bring lots of food as there are no diners or restaurants in the area. If you wish to stay overnight, make your own type of arrangements i.e. stay at Hotel or bring camper etc... Quimby Hess, Gord Edmund and possibly Doug Scovell are going, so contact anyone of them for more detail as to rides etc...

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For next season, we MUST get some volunteers to assume some of the duties of the executive - i.e. a new President, Vice-President, Secretary etc.. together with volunteers for the programme committee. This is very important and URGENT. If no-one comes forward, it is likely that the Association will peter out. Al Hanks is prepared to carry on as Treasurer and summary typist/publisher, but will not be able to do the secretarial work as well next season. New commitments mean that he will have to miss some meetings. Any volunteers should send their names and an idea of the office they are prepared to assume to Al Hanks prior to the next season starting. Hope everyone has a good summer and gets lots of specimens to show the membership next season.

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To: All TEA Members.

Re: Summary of two letters forwarded to the Regional Director, London, Ontario on December 9th and 21st, 1982, with respect to proposed management plans to maintain the Karner Blue butterfly in Ontario.

In discussions with Irene Bowman of the Ministry of Natural Resources I was advised that the Federation of Ontario Naturalists had discussed endangered species of Ontario with MNR, but did not include the Karner Blue, despite a letter from our Association to the FON. Therefore, the undersigned, as advised by Ms. Bowman, decided to write to the Regional Director, London regarding this subject, and using the letterhead of the Quetico Foundation with which I am associated.

In my first letter, after stating the reason for my interest and the conclusions of the TEA field surveys at St. Williams and the Pinery over the last few years, I recommended the following management action (my second letter included a Xerox of the Karner Blue projects in New York State).

A) The St. Williams Karner Blue locality:

1. To carry out brushing out of existing Wild Lupine areas, especially along forest roadsides, so that sufficient sunlight is available to the plants.

B) The Yogi Bear (Pinery) Karner Blue Locality:

1. To contact the Yogi Bear property owners to advise them of the fact their property supports a Karner Blue colony and enlist their co-operation.
2. To get a written agreement from the Yogi Bear property owners to permit the fencing of one or two acres within the area pinpointed on an accompanying sketch.
3. To establish a similar one or two acre area in a selected area in Pinery Park as indicated.
4. Within the two propagation areas to manage the crown canopy and soils to assist the germination and growth of healthy wild lupine plants. To assist the germination of lupine seed (a method to carry this out was recommended).
5. The objective is to nurture and protect key wild lupine areas to maintain the survival requirements of the Karner Blue population which can then hopefully expand into suitable localities outside the designated areas.

I received a reply indicating that the MNR would be pleased to institute a plan to maintain the Karner Blue population. Subsequently, I received a telephone call from the President of P.A.W.S., advising that they were interested in the provision of some funding in this respect. The Ontario Heritage Foundation is

also a possibility if further action is needed.

QFH/ib

Q.F. Hess

P.S. It is hoped that the TEA members will all support the above recommendations and, advise the Ministry of Natural Resources of our interest in action being taken as necessary.

\* \* \* \* \*

The addresses of supporting agencies are as follows:

N. Patrick, Regional Director, Southwestern Region,  
Ministry of Natural Resources, 1106 Dearness Ave.,  
London, Ontario, N6E 1N9. (519) 681-5350

Tim Fraleigh, Chairman,  
Foundation for Prevention and Protection of Wildlife,  
(519) 473-0300

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There is a cabinet and drawers available from a relative of the late W.H. Munro, who died in 1982. The cabinet is one of the kind (I believe) that was fabricated in 1978 expressly for TEA members. There are also a number of additional glass-topped drawers, riker mounts etc.. Also included with the drawers are the contents, being the collection (or part thereof) formed by Mr. Munro. I am going to see the cabinet and contents, and will decide on what might be considered a fair price for all of the items listed. If any member is interested in more details, please telephone me at (416) 727-6993 (after 5 p.m.) or (416) 248-3286 during the day. Obviously, only serious enquiries will be given consideration.

Alan J. Hanks.

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