



# TORONTO ENTOMOLOGISTS' ASSOCIATION

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

August 31st.

Greetings, fellow members:

It is approaching the time for our new season of meetings to commence, and the Planetarium Lecture Room has been booked for the following dates:-

SATURDAY	SEPTEMBER 27th
SATURDAY	NOVEMBER 1st
SATURDAY	NOVEMBER 29th
SATURDAY	JANUARY 24th
SATURDAY	FEBRUARY 21st
SATURDAY	MARCH 21st
SATURDAY	APRIL 25th

All the meetings, as usual, will start at 1 p:m, and we appear to have a very good programme shaping up. Any suggestions or offers of talk/slide shows should be communicated to any member of the executive as early as possible.

\* \* \* \* \*

It has been noted that some members have failed to notify the Treasurer of their address changes - please do this as soon as you move, as failure to do it has led to the loss of publications in at least two instances.

\* \* \* \* \*

Membership fees will be due shortly, so please send your cheques or money orders to the Treasurer as soon as possible, or plan to bring them to one of the early meetings. Please complete the following to keep records up-to-date - send the bottom half only and keep the top half of the sheet as a reminder of meeting dates.

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APPLICATION FOR MEMBERSHIP IN THE TORONTO ENTOMOLOGISTS ASSOCIATION 80 - 81 SEASON

NAME \_\_\_\_\_ PHONE # \_\_\_\_\_

ADDRESS \_\_\_\_\_

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

FEE (\$10.00) ENCLOSED (Cheque or Money Order) \_\_\_\_\_

STUDENT FEE (\$4.00) ENCLOSED \_\_\_\_\_

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



# TORONTO ENTOMOLOGISTS' ASSOCIATION

1980/81 SEASON

NEWSLETTER # 1

OCTOBER 4th

The first meeting of the 80/81 season was held in the Planetarium Lecture Room on September 27th. Present were Al Hanks, Quimby Hess, Doug Scovell, Richard Tanner, Gord Edmund, Alan Brown, Chris Mettrick, John Eberlie, Tom Toyomi Ikeda, Donald Fraser, Mac McDonald and visitors Barry Harrison, Mark Goode, Nancy Weeks & Nicholas Godfrey.

1. It was moved by J. Eberlie and seconded by D. Scovell that the minutes of the last meeting be adopted as read - carried.
2. Business arising:
  - a) It was re-emphasised that the dues are now \$10 (\$4 for students) and will include the summary.
  - b) Doug Scovell noted that the FON had sent congratulations to the TEA for their efforts in behalf of the West Virginia White, but that no award was forthcoming. We will try again this year.
3. Correspondence:

Al Hanks noted that a number of membership applications and requests for copies of the various TEA publications had been received over the summer. Doug Scovell had some correspondence from the FON, including their magazine.
4. Financial Statement:

The season commenced with a balance of \$39.06 and the current balance stands at \$220.06, with quite a lot of memberships paid already.
5. New Business:
  - a) John Eberlie noted that the paper on *P. virginensis* by Ron Tasker and Prof. J.K. Morton has appeared in the last issue of Canadian Naturalist.
  - b) Quimby Hess gave a very good report on the status of *L.m.samuelis* and the foodplant Lupine on which it depends. Quimby noted that the Lupine has a very precarious hold in southwestern Ontario due to the filling in of the canopy and considerable work needs to be done to try and relieve this situation. It may even be necessary to press for addition of this species to the Endangered Species list. He also noted the possible increase of *P.virginensis* in the Halton County area and the low numbers of *D.plexippus* this year. The latter was probably due to the very harsh weather conditions at the time of the northward movements of the insect.
  - c) It was noted that Dr. Allen Morton (Pleistocene Insects) and John Powers (the noted Kitchener collector) have been contacted to possibly add to the TEA programme for the year.
  - d) The election of officers was discussed since those currently in office have completed a two year term. Al Hanks re-emphasized that he will carry on as Treasurer and Summary typist, but cannot continue to prepare and circulate the minutes of the meetings. We need a nominating committee to ask for nominations for the offices of President, Vice-President and Secretary. It must be noted that unless a Secretary is found, there will be no further minutes from our meetings - let us hear from some of the membership who normally attend meetings and have never held office. We cannot reasonably operate without officers, and it is not fair for the same people to be doing the job all the time.

6. Publication Reviews:

- a) Al Hanks gave short reviews of 'Birdwing Butterflies of the World' by d'Abrera, 'British Butterflies' by Robert Goodden, 'Butterflies Afield in the Pacific Northwest' by Neill & Hepburn and 'This is Hongkong - Butterflies' by Gweneth and Bernard Johnston.
- b) John Eberlie gave a review of 'Butterflies of Oregon' by Ernst Dornfeld.
- c) Gord Edmund mentioned a new Memoir of the Lep. Soc. titled 'Catalogue-Checklist of the Butterflies of America North of Mexico' by Miller & Brown.
- d) Don Fraser noted that 'Macrolepidoptera of Newfoundland & Labrador' published by Agriculture Canada is available at Government bookstores.

7. Programme:

- a) Gord Edmund gave a report on the 1980 Lep. Soc. meeting in Gainesville, which both he and Quimby Hess attended. He then gave an account of the field trip to Ecuador, including slides of some of the scenery. Unfortunately, Gord said that his macro lens fell apart and he was unable to get any insect pictures.
- b) Quimby Hess showed some slides taken around Ontario during the summer.

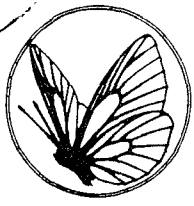
8. 1980 SUMMARY

ALL THOSE WISHING TO SEND DATA FOR THE 1980 SUMMARY - ON MOTHS, BUTTERFLIES OR SPECIAL NOTES ON BREEDING, REARING ETC.. PLEASE FORWARD TO QUIMBY HESS, 11 ESGORE DRIVE, TORONTO M5M 3P9 (PHONE 416-486-8928) BY THE END OF OCTOBER. ADDITIONS WILL BE ACCEPTED UP TO APPROXIMATELY THE MIDDLE OF NOVEMBER. PRINTING IS SCHEDULED FOR DECEMBER 1980 OR JANUARY 1981.

IMPORTANT: PLEASE SEQUENCE THE SPECIES IN THE SAME ORDER AS "BUTTERFLIES OF NORTH AMERICA" BY HOWE OR TEA OCCASIONAL PAPER 11-80 (1979 SUMMARY).

There is the annual meeting of the Ontario Entomological Society at Spencer Hall on the University of Western Ontario campus October 17-19. Al Hanks is planning to attend, as they have a good amateur programme planned as well as a photo salon. A report will be forthcoming at the next meeting.

NEXT MEETING - NOVEMBER 1ST.



TORONTO  
ENTOMOLOGISTS'  
ASSOCIATION

1980/81 SEASON

NEWSLETTER # 2

November 4th

The second meeting of the 80/81 season was held in the Planetarium Lecture Room on November 1st. Present were: Doug Scovell, Alan Brown, Al Hanks, Quimby Hess, Donald Fraser, Nicholas Godfrey, Mark Goode, John Eberlie, Gord Edmund, Tom Ikeda, Sid Daniels, Bill Edmonds, Ron Tasker, John Reynolds, Richard Knapton, and guest Donald Sutherland.

1. It was moved by Gord Edmund that the minutes of the last meeting be adopted as read; this was seconded and carried.
2. Business arising:
  - a) Concerning speakers for future meetings, Al Hanks announced that he had had a letter from Allen Morgan, Associate Professor of Earth Sciences at the University of Waterloo, saying that he would be pleased to give an illustrated talk to the T.E.A., his subject being Insect Fossils and Collecting Northern Fauna. He will therefore be invited to speak at the January meeting.
  - b) John Powers from Kitchener has agreed to speak at the next meeting and will show a film on the Birdwing Butterflies of New Guinea. He has asked our member, Rod Parrott of Port Hope, to come as well and give a talk on rearing Birdwings.
  - c) The Secretaryship of the T.E.A. As reported at the last meeting, Al Hanks is no longer able to carry on as Secretary but is prepared to continue as Treasurer. Temporary arrangements will be made for the typing of the Newsletter until such time as a new secretary is elected.
3. Correspondence:
  - a) The President has received information concerning a Travel Tour entitled "Wings of the World", to the Galapagos and Peru, which will be taking place in February, 1981, at a cost of \$2698.00 U.S. Gord Edmund explained how such nature tours are organized and then gave more details of his proposals for organizing a collecting tour in Peru, probably in either May or September of 1982; the cost would possibly be \$1695.00 for 18 days.
  - b) A letter was received from the Point Pelée National Park stating that they do not wish to join the T.E.A. this year and there have been more requests for our publications including one from the New York College of Agriculture, Cornell, N.Y. Al Hanks pointed out that we usually send our publications to such institutions and also museums without charge.
  - c) The President reported that he had had a recent conversation with Paul Catling and he learned that Paul has now completed his Ph.D thesis and will be moving to Ottawa so that he will no longer be able to attend our meetings though he will continue his membership of the Association. A parting suggestion of Paul's was that the renewal slip for annual dues should be on a separate sheet of paper.

It is understood that Paul has been appointed a Senior Research Scientist at Agriculture Canada, Ottawa and will be working primarily on Sedges. The members present voiced their congratulations to Paul on acquiring his doctorate and our gratitude for his many significant contributions to our Association.
  - d) Sid Daniels has received a letter from Hawaii from Father Riotte who wrote that he is now convinced that the recent discoveries of new localities for P. virginensis are of considerable significance and importance.

4. Financial Report:

There are now 31 paid-up members out of a possible 50 or 60. The current balance is \$389.56.

5. New Business:

a) Quimby Hess spoke on T.E.A. occasional paper No. 12, the 1980 Seasonal Summary. He pleaded for more summaries to be sent to him as there have been few presented so far this year. He has material available for more articles which will be included; e.g. a paper on recent work and discoveries concerning P. virginensis. He has also written a paper on the status of P. melissa samuelis with reference to his work on the insect in Lambton County and our present knowledge of the butterfly's situation at St. Williams. He has been working closely on this with people at the Ministry of National Resources.

There will also be an article on Callophrys irus and Ross Layberry has contributed a paper on Sedge Skippers and there will be much more.

Quimby emphasized that the final dead-line for Seasonal Summaries is November 15.

b) The Annual Meeting of the Entomological Society of Ontario. All Hanks attended this meeting in London, Ont. and gave an account of the proceedings. An interesting new venture was a programme for Amateur Entomologists of whom there were about 15 present, several of them being Coleopterists from the London area. Other interesting points from this meeting were:

(i) The professional entomologists present stressed their desire for better communication between professionals and amateurs and in this connection Al reported a discussion he had with Steve Marshall who is Chairman of the Entomological Society's Public Education Committee. The latter proposed the publication of a Provincial Insect Collectors' Bulletin with himself as co-editor with a representative from the T.E.A. as a co-editor; this position Al Hanks agreed to. They request the submission of short papers on insect collecting from our members.

(ii) The editor of the Bulletin of the Entomological Society of Canada wishes to publish a write-up on our Association and this will be provided by Al.

(iii) The annual fee for joining the Entomological Society of Ontario and thus obtaining their published Proceedings is \$10.00.

c) The Canadian Conservation Directory: It was suggested by John Eberlie that the T.E.A. should apply to be included in the next edition of this directory, as conservation is one of our interests. This was agreed.

d) Election of Officers: President: Doug Scovell announced that he was willing to stand for re-election; he was nominated by Gord Edmund, seconded by Ron Tasker; there being no other nominations, Doug Scovell was re-elected. Vice-President: Al Brown announced that he would like to stand down. Jim Troubridge was then nominated by Doug Scovell, seconded by Sid Daniels. There being no other nominations, Jim Troubridge was elected Vice-President. Treasurer: Al Hanks was prepared to stand for re-election as Treasurer only; There being no other nominations, his re-election was acclaimed.

There were no nominations for secretary.

- e) Publications: The latest issue of the "Great Lakes Entomologist", the publication of the Michigan Entomological Society was produced; it contains several articles of interest to lepidopterists.

Quimby Hess mentioned that there seem to be few Canadian books on beetles but he has found one of interest: "Le Guide Photographique des Carabidae du Québec."

J. Eberlie asked if any member could loan him a copy of the Lepidopterists' Journal, vol. 21, 1st issue of the year and Al Brown offered to lend him his copy.

The meeting ended with the showing of a short British educational film on "The Tiger Beetle", a film borrowed from the R.O.M. film library by Gord Edmund, who stated that the R.O.M. also has access to the Metropolitan Toronto film library. It was agreed that further similar short films should be shown from time to time.

REPORT ON FIELD TRIP TO FRONTENAC  
COUNTY - SATURDAY - MAY 17.

In attendance: Sid Daniels, Greg Daniels, John Eberlie, Quimby Hess, Chris Mettrick, Mr. & Mrs. Doug Scovell, Tom Toyomi Ikeda, Jim Troubridge and Gillian Cooper from the M.N.R.

In accordance with the previous plans, we all met at Perth Road at 9:30 a.m. Using photostats of topographical maps, each of the five groups spread out over an area roughly 80 square miles in extent. Five new specific locations for *Pieris virginiensis* were discovered. Combined with previous findings, a fairly comprehensive knowledge of *P. virginiensis* distribution is now in hand.

A variety of other species were encountered as well, including: *Pieris napi*, *Pieris rapae*, *Euchloe olympia*, *Nymphalis antiopa*, *Polygonia comma*, *Papilio glaucus canadensis*, *Callophrys polios*, *C. henrici*, *C. niphon*, *Celastrina argiolus*, *Erynnis juvenalis*, *E. icelus* and *E. lucilius*.

The highlight of the day came after the nets were put away. Most of us were able to take advantage of a most generous invitation extended by John Eberlie. We were met with the greatest of hospitality at his home in Colborne where he and his wife provided us all with an unending series of dishes we could not refuse. Indeed a good time was had by all and our special thanks to Dr. and Mrs. Eberlie for their special contribution.

Next Meeting - November 29. The speaker will be John Powers of Kitchener, and he will show a film on the "Birdwing Butterflies of New Guinea". Rod Parrott, T.E.A. member, will also talk on "Rearing Birdwings."

The 4th meeting of the season will be on January 24th, 1981 when Professor Allen Morgan of the University of Waterloo will give an illustrated talk on "Insect Fossils and Collecting in the North".



TORONTO  
ENTOMOLOGISTS'  
ASSOCIATION

1980/81 SEASON  
NEWSLETTER #3  
December 16th

The third meeting of the 1980/81 season was held in the Planetarium Lecture Room on November 29th. Present were: Alan and Barbara Hanks, Tom Ikeda, Mary Dyer, Mirek Sharp, Nicholas Godfrey, Donald Sutherland, Helen and Keith Warren, Neil Warren, Jim Reist, Dave Bradley, Bill Edmonds, Jim Troubridge, Sid Daniels, Mark Goode, Donald Fraser, Richard Tanner, Doug Scovell, Rod Parrott, Mrs. Parrott, Quimby Hess, Mac McDonald, John Powers, Ron Tasker and Chris Mettrick.

1. It was moved by Jim Troubridge that the minutes of the last meeting be adopted as read; this was seconded and carried.
2. Business arising:
  - (a) Doug Scovell reminded everyone present of the need for a secretary for our organization. He urged us to consider who might be able to fill this post.
3. Correspondence:
  - (a) D. Scovell read us a letter from the Norfolk Field Naturalist Club urging us to support them in having the Backus Woods and its Carolinian-type forest protected. Moved by Q. Hess that T.E.A. support the N.F.N.C. in their proposition to bring about "protection from cutting for the trees in Backus Woods". Seconded by J. Troubridge. Carried. Those present took the opportunity to sign the petition.
  - (b) A letter was received from Paul Catling expressing his thanks for the expression of our appreciation of his contributions to the club and wishing him well in his new position in Ottawa.
  - (c) Al Hanks has received confirmation from Professor Allen Morgan that he will speak to our group at the January 24th meeting on the topic "Insect Fossils and Collecting in the North".
4. Financial Report:
  - (a) There is now \$414. on hand. A memo regarding unpaid dues will be sent.
5. New Business:
  - (a) Quimby Hess informed the group that Dr. Nick Escott will be moving to Texas. It was agreed that we extend our thanks to Dr. Escott for his co-operation and assistance in keeping us informed about the occurrence of lepidoptera in Northern Ontario. We are pleased to hear that he will maintain his membership with us.
  - (b) Al Hanks welcomed our guests and congratulated the group on such a good turnout.
  - (c) Q. Hess presented the completed summary to Al Hanks for typing. Quimby said it was the largest summary plus supplements ever. (Good Luck Al on the typing.)
6. Book Reviews and information:
  - (a) D. Scovell recommended an article on the Monarch butterfly in the December issue of "Discover" magazine.

6. (b) John Stuart is selling his entomological library. These books may be purchased through D. Scovell at very reasonable prices. Titles and prices should be available at the next meeting.

7. Special Speakers' Presentation:

John Powers made an exceptionally interesting and informative presentation on "Flying Jewels" including an excellent film on Birdwing butterflies.

Rod Parrott answered questions based on his own experience in the Birdwing jungles of Australia. He expressed his interest in returning to a future meeting to more fully present his knowledge and experiences in this area.

Doug Scovell thanked our guests for their very worthwhile contributions to the meeting.

8. Meeting adjourned.

Next Meeting - January 24th

Let's have a good turnout. (See Item 3(c) above.)

S.M. Daniels  
Acting Secretary



The third meeting of the 80/81 season was held in the Planetarium Lecture Room on Saturday, January 24th. Present were Al Hanks, Gord. Edmund, John Eberlie, Mark Goode, Jim Cushing, Cyril Youll, Rod and Joan Parrott, Gordon Townsend, Ed. Fuller, Quimby Hess, Bill Edmonds, Barry Harrison, John Prideaux, Jim Reist, Donald Fraser, Mirch Sharp, Gwen Sharp, Sid Daniels, Tom Toyomi Ikeda, Doug Scovell and visitor David Pagnells.

1. Chairman Doug Scovell opened the meeting at 1.15 p.m. and asked that the minutes of the November meeting as circulated, be adopted, seconded by Quimby Hess and carried.
2. Matters arising: Doug Scovell reported he had been approached by a Local Field Naturalists' Society for support in their fight against indiscriminate tree cutting. Jim Cushing advised that the Ministry of Natural Resources in London, Ontario, were responsible for widespread cutting. Quimby Hess suggested that cutting should be selective, and those responsible for cutting needed a management plan to produce an objective, thereby avoiding the destruction of mature and valuable trees. Members felt the Society (TEA) should look further into the matter and formulate a policy.
3. Correspondence: Doug Scovell had received a number of leaflets from the Federation of Ontario Naturalists which were available for members to peruse; in addition was details of a film "Joy Adamson Story" arranged by the Toronto Arts Productions.
4. Financial Report:
  - a) Al Hanks reported the current financial position with \$506.56 in the Bank, and therefore TEA should have no financial problems in producing this years summary.
  - b) At this time ten members subscriptions were unpaid, and they have received reminders. No further reminders or communications would be made to unpaid members.
5. Publications:
  - a) The International Wild Life magazine had an interesting article on Bird Wing Butterflies, which members would find made interesting reading. Quimby Hess suggested that members of TEA join the Canadian Wild Life Federation.
  - b) Publication by the Toronto University Press, "Plants of Quetico and the Ontario Shield" by Shan Walshe.
  - c) Also available, "Simplified Check List of the Skippers and Butterflies of the U.S.A." by Richard E. Gray, obtainable from Richard Gray at Aux RR #2. Enfield N.H. 03748.

6. Speaker: There followed a fascinating illustrated talk by Dr. Alan Morgan, M.Sc., Ph.D., Waterloo University, on "Distributional Shifts of Insects centered on Southern Ontario, and reconstructing past environments from Sub Fossil Insect remains." Also indicating tree line and tundra habitats over 120,000 years.

Dr. Morgan, who has been working with his wife Ann on this project explained the methods of excavating, sifting and sorting of soil to obtain various parts of fossil insects, 10-50,000 years before the present, and the subsequent identification of each and every item.

The talk created considerable interest among members, as was apparent by the numerous questions put to Dr. Morgan at the conclusion.

Thanks were expressed on behalf of TEA by Dr. Gord Edmund and confirmed unanimously by all present.

The meeting closed at 3.30 p.m.

Cyril T. Youll.

The next meeting will be held on February ~~21<sup>st</sup>~~ at 1 p:m in the Planetarium Lecture Room. There is no particular programme, so it can be designated as a members meeting. Bring your spare specimens for exchange, any new books you may wish to show, or anything else of interest. A slide projector will, as usual, be available for any slides you may wish to bring.



**TORONTO  
ENTOMOLOGISTS'  
ASSOCIATION**

1980/81 Season  
Newsletter # 4F  
February 21, 1981

The fourth meeting of the 80/81 season was held at the Planetarium Lecture Room on Saturday, February 21, 1981. Present were Al Hanks, Doug. Scovell, Gord Edmund, John Eberlie, Q. Hess, Ed Fuller, Bill Edmonds, Tom Toyomi Ikeda, Mark Goode, and R. Tanner.

1. Chairman Doug. Scovell opened the meeting about 1.15P.M.

The minutes of the January 24th/81 meeting as circulated were discussed. Quimby F. Hess asked for a correction as follows:- he proposed that cutting by the Ministry of Natural Resources in the Backus Woods near Port Rowan be under a management plan, which included as one of its objectives, the exclusion of selected trees from cutting. Such protected trees would be selected on the basis of criteria agreed to by the interested naturalists and MNR personnel. As corrected, John Eberlie, Gord Edmind moved and seconded approval of minutes.

2. Correspondence

- (a) John Stuart wrote to thank the association for their co-operation in respect of his book sale. Some remaining books will be put on sale at the March 21st meeting.
  - (b) The McIlwraith Field Naturalists of London, Ont. Incorp., are holding their Fiftieth Anniversary Conference at the University of Western Ontario, London, May 22-24, 1981. Featured speakers include:-  
Mary Ferguson - "Wildflowers and Insects of Southwestern Ontario!"  
John and Janet Foster - " Encounter with Wildlife!"  
Roger Tory Peterson - "In the Field with Roger Tory Peterson".
  - (c) To join the Xerces Society for 1981 send \$ 8.00 U.S. to Stephen Chang, Treasurer - 304 West 236th street, Bronx, N.Y. 10463 with your name, address, etc.
3. TEA finances - \$ 525.14 in bank and only 10 memberships unpaid .  
The 1980 Summary will not be sent to members in arrears.

Some of the TEA members are also in the FON, and could let us know of anything of interest to the general membership.

- c) Quimby Hess suggested that Lakehead University be added to the list of Summary copies to be sent out - agreed. Also, it was suggested that the FON bookshop be contacted to see if they would sell copies of the TEA Summaries.
- d) Three new members reported - two from Kingsville and one from Peterborough - a welcome from all.
- e) Al Hanks brought to the attention of the meeting that other commitments are creating a problem with the combined Secretary/Treasurer job for TEA. He indicated that he would continue the Treasurer function, annual TEA Summary typing etc.. Doug Scovell indicated that he would take over the receipt of FON correspondence and Gord Edmund kindly volunteered to take care of reproduction and mailing of the meeting minutes. A problem was apparent in production of the minutes due to lack of typing facilities, so Al said that he could manage to type the minutes and send them to Gord.
- f) The display that could be put on at the Spring Flower and Garden Show in Toronto (Feb.27 - Mar.2) was discussed, and it was suggested that a blow-up of our logo would be an attention getter, also a few copies of our TEA 1978 Summary could be on display, together with a two or three page resume of the TEA. Paul Catling suggested a case of butterflies for the display.
- g) Gord Edmund mentioned a lecture by Angelo Lao on 'Collecting Cactus' at the Civic Garden Centre on Feb.2.
- h) Paul Catling urged the importance of keeping on top of the St. Williams environmental problem, and Quimby Hess added his thoughts on the subject with regard to the Pinery. Both of these areas are undergoing modification from human interference, and Paul suggested a letter be sent to Dr. Reynolds indicating our concern. A number of species are involved in these areas, and Quimby noted that he only saw one *P.melissa* in the Pinery in 1978.

#### 6. Publications:

- a) Al Hanks noted the latest Ontario Naturalist (several copies available for members) and a 'Wetlands Issue' from the FON.
- b) A publication was received from FON entitled 'Preserving Natural Areas in Ontario'.
- c) Allyn Museum publication #56 - 'Genera of American Hairstreaks #5) was received.
- d) The 'Great Lakes Entomologist' Vol.12, #4 was received.
- e) ATA publication # 98 - 'Insects & Other Invertebrates on Stamps' was reviewed. Al Hanks is a co-author.

#### 7. Programme:

Paul Catling gave a very interesting talk on the flora and fauna of Trinidad & Tobago - where he spent his honeymoon. He showed slides of some of the varied plant and tree forms found on the Islands.

\* \* \* \* \*

It is with deep regret that we report the death of Dr. R.G. MacLaren of Hamilton from injuries received in a car accident on January 22nd. Dr. MacLaren was 56, & had made great contributions to the Hamilton Clinic of the Ontario Cancer Treatment & Research Foundation. He was also a great admirer of the outdoors, being on the original committee which founded the Bruce Trail Association in 1961. He was a member of the Hamilton Naturalist Club, an ex-member of the TEA, and had assisted Walter Plath Jr. in his life history studies. He will be sorely missed.



TORONTO  
ENTOMOLOGISTS'  
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1980/81 Season  
NEWSLETTER # 5  
March 21, 1981

The fifth meeting of the 80/81 season was held at the Planetarium Lecture Room on Saturday, March 21, 1981. In attendance were Al Hanks, John Reynolds, Jim Reist, Richard Knapton, Mark Goode, Tom Toyomi Ikeda, Doug Scovell, Jim Troubridge, Mac McDonald, Barry Harrison and Richard Tanner. Reinhold Knauss and his wife attended as visitors.

1. Chairman Doug Scovell opened the meeting at 1:15 p.m. Richard Tanner and Mack McDonald moved and seconded that the minutes of the February meeting be adopted.
2. Correspondence
  - a) Anyone interested in putting together a display for the McIlwraith Field Naturalists conference on May 22-24, 1981 (see Feb. 21, 1981 T.E.A. Newsletter) should get in touch with Doug Scovell or Al Hanks.
  - b) A letter was received from Pat Norgate, a former member of the T.E.A. who lives in British Columbia. She is interested in rearing moths of the family Saturnidae, and would be interested in exchanging cocoons or ova of Hyalophora rubra and Antheraea polyphemus for cocoons or ova of H. cecropia. Anyone interested may contact her at P.O. Box 223, Youbou, B.C. V0R 2E0.
3. Financial Report
  - a) Al Hanks reported \$514.19 in the bank plus three recently-received cheques.
4. Publications
  - a) "Rocks and Minerals Information, 1981", published by the Ont. Ministry of Natural Resources may be obtained by writing to the Public Service Centre, Whitney Block, Queen's Park, Toronto. This booklet lists publications dealing with geology in Ontario.
5. New Business
  - a) Al Hanks reported that the 1980 Annual Summary should be available around late April.
  - b) John Reynolds reported that the Interpretive Staff of the Algonquin Park Museum are gathering information for a revision and annotation of the park's butterfly checklist. Anyone with information regarding dates of occurrence of species collected in the park (beyond information in T.E.A. Summaries) is asked to contact Dan Strickland, Algonquin Park Museum, Box 219, Whitney, Ont. K0J 2M0. Doug Scovell asked about



## TORONTO ENTOMOLOGISTS' ASSOCIATION

possible difficulties arising from collecting in a Provincial Park. John said that permission can usually be obtained by contacting Dan Strickland.

6. Doug Scovell gave a slide talk on his birding and butterfly-collecting trip to Columbia last August. He showed slides from the Western and Central Ranges of the Andes near Cali, and Buenaventura on the Pacific Coast. He suggested that anyone planning a collecting trip to South America should first check on local collecting laws. It was noted that export regulations are becoming increasingly restrictive.

The meeting closed at 2:30 p.m.

### PROPOSED TEA FIELD TRIP - JUNE 1981.

A field trip to the Pinery area south of Grand Bend, in Lambton county adjacent to Lake Huron is proposed for June 13 and 14, 1981.

The objectives would be to examine the butterfly situation in Pinery Provincial Park with the Park Naturalist and also visit the site of the largest viable *L. melissa samuelis* locality known to exist in Ontario. This locality was discovered in 1980 by Q.F. Hess.

Butterflies which should be flying on the proposed date should include:- *Papilio troilus*, *Papilio glaucus*, *Euchloe olympia* (dune form) and certain skippers, blues and *Callophrys*. The wild lupine should also be in bloom. Please note that collecting in the Park and of *melissa* anywhere is not permitted.

The distance from Toronto is 145 miles one way, and it would probably be more convenient to arrange an overnight stay at reasonable rates and with good food at the Dominion Hotel, Zurich, a short distance from the Pinery, or in the Park.

All those interested in this trip please contact Doug Scovell or Al Hanks by the next meeting (APRIL 25TH), and if there is sufficient interest, final arrangements will be made.

### NEXT MEETING - APRIL 25TH

No specific programme has been arranged, but Al Hanks will be bringing his exhibit of Butterflies on stamps which won an award recently at the Topical Exhibition in Woodstock. Anyone wishing to bring slides may do so, as the projector will be set up.

# THE ONTARIO FIELD BIOLOGIST

THE SEMI-ANNUAL NATURAL SCIENCE PUBLICATION OF THE TORONTO FIELD NATURALISTS

## DO YOU READ IT?

SOME OF THE ARTICLES APPEARING IN THE LAST 4 YEARS...

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An issue devoted to studies of the Leslie Street Headland, Lake Ontario.

Guide to the vascular plants and wildlife of the Rouge River Valley, Toronto.

Nesting of House Finch in Ontario.

Status of Great Black-backed Gull in the Great Lakes area.

Bird populations in jack pine woodland in Parry Sound District.

Population trends in waterfowl wintering in Toronto, 1929-1976.

History of the Black Duck in Ontario.

The annual reports of the Ontario Ornithological Records Committee and Toronto's Christmas Bird Counts.

Status of birds near Kapuskasing, Ontario.

Road transects to record the occurrence of frogs and toads in Waterloo Region.

A cryptogamic flora of Elgin County.

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The ONTARIO FIELD BIOLOGIST has been published regularly for more than 25 years. It welcomes all articles and notes dealing with amateur and professional research in all aspects of natural history and conservation. All articles appearing in it are refereed. EDITOR: Mrs. H.D. Wilkins, 213 Rosedale Heights Dr., Toronto, Ontario. M4T 1C7.

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TORONTO  
ENTOMOLOGISTS'  
ASSOCIATION

1980/81 SEASON

NEWSLETTER # 6

APRIL 25, 1981

The sixth meeting of the 80/81 season was held at the Planetarium Lecture Room on Saturday, April 25, 1981. In attendance were: Al Hanks, John Eberlie, Mark Goode, John Prideaux, Doug Scovell, Gord Edmund, Quimby Hess, Sid Daniels, Tony Holmes, Mac McDonald, David Pagnello, Tom Toyomi Ikeda, Bill Edmonds and visitor Bert Wigg.

1. The Chairman Doug Scovell opened the meeting at 1:15 p.m. Gord Edmund moved and Tony Holmes seconded the motion that the minutes of the March meeting be adopted.
2. Correspondence:
  - a) The Chairman summarized letters and reports from the FON, Long Point Birding Station and the Ministry of Natural Resources, the latter concerning Cyprus Lake Provincial Park on the Bruce Peninsula.
  - b) Doug Scovell also welcomed our visitor Bert Wigg.
  - c) The Treasurer, Al Hanks, reported that he has had further inquiries for previous T.E.A. publications and he has therefore compiled a price list which is attached to this newsletter. He also read a letter from Ken Thorne regarding the June Field Trip, in which he suggested that the proposed date was unsuitable for several of the butterflies reported as likely to be present, in the last newsletter. However, he invited anyone going on this Field Trip to visit him and his collection at Mill Street, Delaware (Tel. 519-652-5194) on their way home.
  - d) Al also read a letter from Steve Marshall of the University of Guelph regarding the newsletter proposed by the Entomological Society of Ontario; this newsletter will contain notes and reports for the encouragement of amateur entomological activity. Funds have been obtained to finance this project and any member who is interested in receiving this newsletter or in contributing notes or reports should write to Al Hanks who will pass the word on to Steve Marshall.
3. Treasurer's Report:
  - a) The present balance is \$536.91, out of which the cost of printing the Seasonal Summary will have to be paid.
4. Publications:
  - a) Dave Pagnello reported that a 3-volume monograph on "Bird-Wing Butterflies" has been published. The authors are Haugun and Low.
  - b) Al Hanks drew attention to the fact that one of our members, Bill Edmonds, has written 2 short articles on Ontario butterflies in the Toronto Field Naturalists' newsletter. He also produced an article published in the March 26 edition of the Globe & Mail on collecting in the Yukon.
5. New Business:
  - a) Gord Edmund reported that the Allyn Museum of Sarasota, Florida has been donated to the University of Florida. He also said that he had been corresponding with a collector in South America who wants literature in exchange for butterflies.

He gave further information regarding the proposed 1982 collecting expedition to Peru. It will be in the summer and last 18 days. There will be 2 different camps in the jungle area with good collecting along jungle trails and river banks, and then in one high altitude locale, as well as a week in





## TORONTO ENTOMOLOGISTS' ASSOCIATION

Tingo Maria. Negotiations are now in progress with the Ontario Motor League to see if they can make the travel arrangements. It will be a combined butterfly collecting and birding trip; cost will be about \$2,000.00 (Canadian).

Finally, Gord mentioned that he will be working in South America September to November of this year, and hopes to get a collecting holiday during that time.

- b) Seasonal Summary for 1980 is now completed and about to be printed. It was suggested that it might be a good idea for our publications to be given an I.S.B.M. number. Doug Scovell agreed to make inquiries as to whether this could be done and how.
- c) Seven copies of the Final Draft of Part III of the Distribution of Ontario Butterflies, (Papilionidae, Pieridae and Lycaenidae) by Tony Holmes, were brought by him for review by interested members. He reported that he had had a gratifying feed-back on the drafts of Parts I and II. He hopes that he will be in a position to finalize the drafts by the fall of this year and get them ready for publication.
- d) John Eberlie reported that he is still working on Coenonympha tullia inornata in Southern Ontario and made a request for help in further documenting the distribution and Southern extension of the butterfly which has apparently occurred in the last 30 years. A separate note detailing his requests is attached.

### 6. The Field Trip:

- a) Firstly, it was pointed out that the report on this in the minutes of the last meeting concerning the collecting opportunities could be interpreted incorrectly. It should have read as follows: "Collecting in Pinery Provincial Park is not permitted and it is recommended that P. melissa should not be collected in the new area in view of the critical status of the species."

There was discussion as to the date of the Field Trip and it was finally decided by a majority of the members present that the weekend of the 13th and 14th of June would be the most suitable for P. melissa because members with experience of the area suggested that as there is still ice on Lake Huron at present it is likely that butterflies will be late in appearing this year. Other butterflies such as Elfin and E. olympia may well be over by that weekend but the primary object of the Field Trip is a population study of the newly discovered colony of P. melissa samuelis. It was again mentioned that camping facilities would be available in Pinery Park at a cost of \$5.50 per night. At least 5 members indicated that they would try and take part in the Field Trip; Quimby Hess and Al Hanks offered to get together and arrange a place and time for a rendezvous, with hotel bookings if necessary. There is a possibility of a get-together afterward in Zurich at Quimby Hess' family home.

### 7. Displays:

- a) Quimby Hess showed 2 Bird-wings (Ornithoptera) in a display case for sale at a cost of \$40.00. He also showed interesting display cases of Pieris protodice and occidentalis, Colias cesonia and giant specimens of Colias eurytheme and philodice with hybrids.
- b) Gord Edmund showed some slides of Dismorphiinae received from a collector in South America.
- c) Finally, Al Hanks showed his exhibit of "Butterflies on Stamps". This display won a Gold Medal at a recent Topical Philatelic Exhibition at Woodstock. The arrangements and text of the display were most impressive and we wish him luck in the forthcoming Topical Philatelic Exhibition in Chicago where he will be taking the same exhibit.

Summary of John Eberlie's Remarks on Coenonympha tullia inornata

I am still working on the Coenonympha tullia situation in Ontario. The trouble is that the more you study a subject like this, the more you find out what you don't know. Having proven, at least to myself, that the spring and summer flights of Coenonympha in Southern Ontario are the same species or subspecies, I have come to realize what many others have known for a long time, but have never, as far as I know, published, that the butterfly has only appeared in Southern Ontario in the last 30 years. Before this it would seem that it did not occur further south than a line from Parry Sound to Algonquin Park and then on to Gatineau Park across the Ottawa River.

Therefore I would be grateful if T.E.A. members can help me to document this southward extension by looking through their collections and seeing if they have specimens of Coenonympha tullia from the years before 1960 and let me know dates and localities; or perhaps someone will know of retired people with old collections whom I might be able to visit or write to, with a view to obtaining similar data.

I would also be interested if any member could tell me whether they regularly collected, during the years before 1960, in any of the counties along the north shore of Lake Ontario or the St. Lawrence and whether they encountered Coenonympha tullia in those days. Negative results would clearly be valuable.

In order to complete my distribution data I would like to appeal to T.E.A. members to give me details of all recent specimens in their collections with localities and dates, unless these have already been reported in T.E.A. seasonal summaries. There are no reports in any seasonal summaries of the butterfly from the Eastern counties of Stormont and Glengarry, but then there are no reports of any butterflies from those counties. So if anybody is going through these counties in June or late August, please keep an eye open for C. tullia.

On a different subject, I should like to mention that I recently spent a delightful day at the Canadian National Collection in Ottawa. One thing I noticed was the scarcity of Ontario specimens of some species. I did not have time to check many but noted particularly that some of the skippers are very poorly represented from Ontario. For instance:

Euphyes bimacula. There are only 7 specimens; 6 from Maine, 1 from Quebec.

Euphyes conspicua. There are 10 specimens, all from New York, New Jersey & Michigan.

Euphyes dukesi. There are only 3 specimens, all from Virginia.

Oarisma garita. Lots of specimens from the Prairies but none from Ontario.

Although I realize that our first commitment when presenting specimens is to the R.O.M., it seems to me that we should not forget the National Collections.

Finally, I am stuck over the names of the counties in which some localities are recorded in the C.N.C., i.e. Does anybody know where Sydney Field Station is, or the Hogsback, both in Ontario, also Bradore Bay, Quebec?

SUMMARY BACK ISSUE PRICES.

1969	Seasonal Summary	\$2.00
1970	..	
# 3	1971 Summary, notes on the Little Sulphur etc..	\$3.00
# 4-75	1972, 1973 & 1974 Summaries	\$2.50
# 5	<i>Pieris virginensis</i> in Ontario	\$3.00
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# 7-77	1976 Summary	\$3.00
# 8-77	Butterflies & Moths on Stamps	\$5.00
# 9-78	1977 Summary	\$3.50
#10-79	1978 Summary and Butterflies of Ontario	\$5.00
#11-80	1979 Summary and Butterflies of Ontario	\$4.00

1981 FIELD TRIP TO THE PINERY SOUTH OF GRAND BEND

PLEASE NOTE THE REVISED DATE IS MAY 30 and 31.

A Objective: 1. To visit the Pinery Prov. Park to observe the insect fauna & the flora under the guidance of Visitor Services Programmer Terry J. Crabe (naturalist). Mr. Crabe was interviewed on April 29 at the park & advised he would prefer that we come on May 30 & 31 when he will be able to spend more time with us. Also, he advised that the fauna & flora this year is advanced 10 days over 1980. The Wild Lupine will probably be in full bloom and many species of butterflies should be flying.

2. To proceed to the largest known stand of Wild Lupine in Ontario discovered in 1980 and sample plot count the *L.melissa samuelis* population and extent of area occupied so as to determine the approximate population (spring brood).

B Probable & actual itinerary depending on weather conditions:

Saturday, May 30 - leave Toronto at 8:30 a.m. by automobiles and head west on 401 to Hwy. 8 west; off 401 through Kitchener on 8 past New Hamburg; thence by 8 to Stratford - turn left off 8 onto 7 and 19 southwesterly several miles and watch for a rt. turn onto paved county road Perth # 17 (there is a white house by itself on the rt. just before this turn). Then proceed northwesterly through St. Pauls Stn. & Fullerton to the intersection with Hwy. 23 at Russeldale (not shown on map). Cross # 23 and proceed west along paved county road to Exeter and across # 4 and west along Hwy # 83 to Hwy 21. Turn left and pass through Grand Bend on # 21. After crossing the bridge at Grand Bend watch on the right for the Pinedale Motel (any members who are not camping in the Park should reserve space for Saturday night - it is the most reasonably priced motel among those contacted - \$30 twin, \$24 single - 'phone 519-238-2231. The Bluewater Motel just south is about the same price. The Hotel that was mentioned as being in Zurich is no longer in business). Then proceed south on # 21 to the Pinery Prov. Park (vehicle fee \$2.00). Enter Park and proceed to the Interpretive Centre until the whole group has assembled here about noon. We will eat the lunch we have brought in this area, and then decide on the actual itinerary with Terry Crabe.

On Sunday about 3 p.m. we will proceed to Ken Thorne's home at Delaware to take advantage of his invitation to see his collections and discuss butterflies, and from there back to Toronto via Hwy 401.

For those driving, the approximate mileage is 350 miles from Toronto and return as per the above itinerary.

SPECIAL NOTES:

1. Please do not collect in the Park. 2. Please do NOT collect *P.melissa samuelis* in the areas outside the Park as this insect is in the endangered status as shown in section 4.2 of the 1980 summary. However, do see if you can obtain *E.persius* and *C.irus*, as these may occur in the lupine areas outside the Park, although there are no records in TEA summaries to date. 3. When in the Park, please note the extent of the understory of young pines. When these grow taller, their crowns will meet and shade out the prairie flora and insect fauna, especially lupine. 3,000,000 pines were planted in the Park by the MNR in ignorance of the ecological implications.

\* \* \* \* \*

I suggest that anyone driving or looking for a ride contact Al Hanks who hopefully will be able to make arrangements. He will be taking a tent trailer in all probability, and may have room for two. This should be done as soon as possible, so that things can be finalized - please give telephone numbers if you write, for ease of contact. Al's address is 34 Seaton Drive, Aurora, Ont., L4G 2K1 (416-727-6993)

\* \* \* \* \*

Pinedale Motel telephone number is 519-238-2231. Park address is Park Superintendent, Jim Bass, P.O. Box 490, Grand Bend, Ont., NOM 1T0.