



TORONTO  
ENTOMOLOGISTS'  
ASSOCIATION

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

Aug. 30th, 1987.

Greetings to all T.E.A. members:

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

1987	Saturday	September 26th
	Saturday	October 24th
	Saturday	November 21st
1988	Saturday	January 23rd
	Saturday	February 27th
	Saturday	March 26th
	Saturday	April 23rd
	Saturday	May 21st (tentative)

All meetings will start at 1 p.m. We have one speaker arranged for the January meeting and another potential speaker who has not been able to give us a firm date as yet. The first meeting will include a pot-pourri of members slides from this past summers activities. The President has suggested that the Annual General Meeting (with election of officers) should be held in November, and the arrangements for this can be discussed in September.

A sheet for dues payment is enclosed - please return it with your sub. promptly, so that the records may be updated and a new membership list made up.

\* \* \* \* \*



TORONTO  
ENTOMOLOGISTS'  
ASSOCIATION

1987/88

Meeting # 1  
87/88 Season

The first meeting of the 1987/88 season was held on September 25th in the Planetarium Lecture Room starting at 1 p.m. In attendance were John Eberlie, Alan Hanks, Quimby Hess, Ron Lyons, Barry Harrison, Bill Edmonds, Ron Tasker and Tom Mason. A visitor, Merne Powers joined the Association at the end of the meeting. It was nice to welcome a new member at the first meeting.

1. Minutes:

The minutes of the last meeting were reviewed and accepted.

2. Business arising:

Tom Mason reported on the success of the butterfly survey of the Metro Toronto Zoo property undertaken by some of the members. During the second visit, he and Al Hanks collected some Viceroy larvae. These caused some consternation among the McDonald's customers at the Zoo later in the morning as they tried to escape from the jar they were contained in!

3. Correspondence:

a) A flyer was received from Classey concerning a new book on European Bombyces and Sphinges - unfortunately in German! Nice looking plates.

b) A letter had been sent by Quimby Hess to the Director of Forestry, M.N.R. on behalf of the club. This was concerning the effects of the spraying program on Lepidoptera, and included a paper by Dr. Brower on his work in this area. Quimby reported that he had received a reply thanking him for the information and indicating that copies of the letter and paper had been passed on to senior staff involved in the program. A copy of the reply will be brought to the next meeting. In regards to the spray program carried out in Northumberland County, Dr. Eberlie pointed out that in the area he surveyed after the spraying had been done, he found lots of dead Gypsy Moth larvae which had been almost mature. However, there was little tree damage. No butterflies were found in the sprayed area. A week later, a few butterflies were found, but he suggested that these had come from adjacent non-sprayed areas. He found about a dozen live Gypsy Moth pupae, and from ten of these, dipterid parasites emerged. He suggested these were there before the spraying was carried out.

c) A letter from a person who does rearing and photography and wanted information on the latest taxonomy!!!

d) A letter from Dorothy Ellison in California who is starting a butterfly and moth collection. She would like to buy some specimens, so if you have them to sell, contact Al Hanks for the address.

e) A letter from Dr. Riotte thanking us for the summary and passing on the request of a Russian collector who wants to exchange specimens. Anyone interested please contact Al Hanks for details.

f) A letter from the Agassiz Museum at Harvard requesting back issues of our publications and getting on our mailing list.

g) Dutch van Dorsser sent a note with his dues stating that it had been a poor year for Lepids in the Peterborough area. He got two different species of Ichneumon emerging from a tent caterpillar cocoon!

h) Gord Edmund would like to send an order to Classey for the latest d'Abrera volume on Neotropical Butterflies. Please contact him (with 50% deposit) if you wish to participate. Also, he can obtain the recent 'Butterflies of Costa Rica' at a 20% discount on orders made before Dec. 21st.

g) Rosemary Scott from the University of Western Ontario requested copies of our recent summaries and also an opinion on the status of *R. pascoensis*. The general opinion was that few (if any) of the specimens found in this area fit the description for this species.

4. Financial report:

The club ended the previous season (August 31st) with a balance of \$439.69 on the books. To date, 23 members had rejoined and the current balance at the start of the meeting was \$789.87.

6. New Business:

a) Dr. Eberlie reported on his efforts to obtain speakers for our meetings. The following is a tentative schedule:

- October 24th - Annual Meeting (we really need a Secretary!!!).  
(possibly Kit James on Tarantulas).
- November 21st - Lester Kohalmi on the Genus *Hyalophora*.
- January 23rd - David Gibo on Monarch migration problems.

He suggested that our 'display meeting' be held in February or March depending on when Dr. Gaskin from Guelph could come. He also indicated a desire to have a working meeting on the blues. Contributions from members are always welcome to either the program or possible speakers.

b) Tom Mason reported on the insect display he is preparing at the Zoo. It should open officially at the end of September. Some Mourning Cloaks were released in the area where the butterfly exhibit is to be.

7. Publications:

- a) Open Air Books & Maps (downtown Toronto) has 'The Butterflies of Costa Rica' at \$34.95 (see also above).
- b) 'Butterflies & Moths of Missouri' by Richard & Heitzman is available from the Missouri Dept. of Conservation, P.O. Box 180, Jefferson City, MO 65102. Cost is \$12.50 including postage.
- c) Tony Holmes publication 'Occurrence & Distribution of Ontario Butterflies' has been updated, with Ron Tasker's information from Manitoulin Island added. Data are still lacking for the Algoma District. Publication details are currently under discussion.

B. Program:

Tom Mason gave a slide presentation on his trip to Trinidad and some discussion followed as others related their own experiences down there.

Dr. Eberlie showed slides of his rearing program and noted some observations made during 1987. His Meadow Fritillary larvae emerged early (beginning of March) during a warm spell. He was forced to gather their foodplant (wild violets) by scraping under the snow (shades of Euell Gibbons - author of the Edible Wild!). He found that the *E. olympia* larvae from Twin Lakes would feed on mustard cress. For some reason they pupated upside down. (Note: no one implied that the food and upside down pupation were related. These just happened to be two points that made it into the notes!). These were followed by slides on a trip to Scotland - including one of *C. tullia*. He noted that numbers of the Large White in England were reduced by a virus several years ago. Surprisingly, he saw quite a few specimens.

NOTE: QUIMBY HAS ASKED THAT ALL CONTRIBUTIONS FOR THE SUMMARY REACH HIM NO LATER THAN NOVEMBER 30TH. SPECIAL NOTES ARE ALSO REQUIRED.

\* \* \* \* \*

Mr. Don Kirk,  
c/o Manager, Federation of  
Ontario Naturalists,  
355 Lesmill Road, Don Mills,  
Ontario M3B 2W8.

117 King St. East, Apt. 4,  
Cobourg, Ontario, K9A 1L2.

Dec. 17th, 1987.

Re: Karner Blue Project of Lambton Wildlife Inc., Sarnia, Ont.

It has been brought to the attention of the Toronto Entomologists' Association by Mrs. Brenda Kulon and Mr. Gerry Clements of Lambton Wildlife Inc. that their organization proposes to proceed with the purchase of a key and unique habitat area which supports the only viable colony of the endangered Karner Blue butterfly in the Province of Ontario. This Karner Blue Project Land Acquisition Proposal comprises an area of 30 to 40 acres of oak savannah with stands of Wild Lupine, within the Carolinian Zone of Ontario, being a part of Bosanquet township in Lambton County near Port Franks.

We have been informed that the cost of this proposed land acquisition will be approximately \$75,000 (subject to negotiation, appraisal and survey). "Carolinia Canada" has made a commitment to provide one half of the amount and Lambton Wildlife Incorporated will donate a further \$5,000. The funding from "Carolinia Canada" is conditional on the balance being found from other donors. A number of private individuals contacted to date have promised approximately \$500 and further contacts will be made, particularly among the T.E.A. membership.

It is very important that a successful conclusion be made to this land acquisition project, in order that the destruction of the only known habitat for the Karner Blue by development for housing may be avoided. Accordingly, the Toronto Entomologists Association strongly recommends that the Federation of Ontario Naturalists support the proposed land acquisition financially.

By this means, together with other donations, the financial support of "Carolinia Canada" may be realised for the proposed purchase.

We understand that the lands, when purchased, will be turned over to the Ontario Ministry of Natural Resources for management planning and operation, and that the Ministry will make the land acquired a Provincial Nature Reserve.

We should be pleased to hear from you on this matter.

pc: Mrs. B. Kulon  
Q.F. Hess

Yours sincerely,

Dr. W.J.D. Eberlie,  
President.



# TORC TO ENTOMOLOGISTS' ASSOCIATION

Hon. Vincent G. Kerrio,  
Minister of Natural Resources,  
Whitney Block, 99 Wellesley St. W.,  
Toronto M7A 1W3.

117 King St. East, Apt. 4,  
Cobourg, Ontario, K9A 1L2.

Nov. 20th, 1987.

Honourable Sir:

On behalf of the Toronto Entomologists' Association, I wish to strongly recommend that your Ministry place two very scarce Ontario butterflies under protection of the Endangered Species Act, R.S.O. and the necessary regulations.

These two butterflies, part of our heritage of natural resources in Ontario, are the Karner Blue (*Lycaeides melissa samuelis*) and the Frosted Elfin (*Incisalia irus*). Both of these insects are very selective as to habitat and are found today only in two remnant oak savannahs (themselves also endangered) located near St. Williams in Norfolk County and near Port Franks in Lambton County. The foodplant of both of these insects is the Wild Lupine, which is also confined to similar sandy oak savannahs.

In actual fact, the Karner Blue today has only one viable population in Ontario near Port Franks. There is a second small colony close to extinction near St. Williams. Previously, it also occurred in certain localities in the Toronto area but became extinct there some years ago due to the loss of suitable habitat. The Frosted Elfin today is found in Ontario only in one small area of remnant oak savannah near the St. Williams Forest Nursery Station.

The Toronto Entomologists' Association became concerned with the status of the Karner Blue and Frosted Elfin in 1979 (please refer to T.E.A. Occasional Publication # 12-81, pages 9-26) and completed field status reports during the following years; 1980 to 1987. These may be found in Occasional Publications #'s 13-82 to 18-87 and 19-88 (in production). As our field checks continued over the years (as described in the above publications), our concern with the status of these two butterflies increased.

Our Association made contact with certain staff members of your Ministry and their interest, co-operation and actions were very pleasing. In particular, we wish to mention the following Ministry staff who have been most helpful:

Ms. Irene Bowman (Wildlife Division, Main Office)  
Mr. Terry Crabe (Pinery Provincial Park)  
Mr. Dolf Wynia (St. Williams Forest Nursery)  
Dr. Paul J. Prevett (Regional Office, London)  
Mr. Don Kirk (Simcoe District Office)

As a result of our discussions with your staff, scientific study of the status of these two butterflies (and other Lepidoptera) was planned and conducted in the field. The 1985 Field Status Study was carried out by Dr. Dale Schweitzer of the Nature Conservancy in the United States. Dr. Schweitzer is well-known for his knowledge of the endangered Karner Blue populations in the U.S. The 1986 Field Status Study was carried out by Dr. Laurence Packer under the supervision of Dr. D.C. Darling of the University of Toronto and Royal Ontario Museum. The subsequent reports of these two scientists are with your Ministry. Please note that both workers described the Karner Blue as endangered. The Frosted Elfin was not studied to the same degree as the Karner Blue, but we can assure you that it is in the same class as the Karner Blue.

It can be added that the Main Office Status Report additional to, and using the above study results, has been completed for the Wildlife Division, Non-Game Unit, by Ms. Ann Konecny.

In conclusion, on behalf of the Association, I believe it is solidly established that the Karner Blue and Frosted Elfin are in danger of extinction in the Province of Ontario. For the sake of succeeding generations of Ontarians, we believe it is imperative that these two butterflies be placed under the protection of the Endangered Species Act.

We should be pleased to hear from you on this matter.

Yours sincerely,

Dr. W.J.D. Eberlie,  
President.



# TORONTO ENTOMOLOGISTS' ASSOCIATION

Meeting # 2  
87/88 Season

The second meeting of the 1987/88 season was held on October 24th in the Planetarium Lecture Room starting at 1 p.m. In attendance were John Eberlie, Alan Hanks, Quimby Hess, Barry Harrison, Bill Edmonds, Tony Holmes, Bud Ridley, Hal Donly, Jim Spottiswood, John Prideaux, Chris Rickard, new member Duncan Robertson and visitors Terry McQuiston, Peter Hess and Carolyn Gondor. Carolyn became a member at the end of the meeting, our seventh new member this year.

## 1. Minutes:

The minutes of the last meeting were read as few members had received them due to the mail strike delays. They were reviewed and accepted.

## 2. Business arising:

There was some discussion of the letter from the M.N.R. to Quimby Hess regarding the aerial spraying program. Quimby had some observations regarding the spraying - mainly the fact that it adversely affects so many other species than those it is designed to prevent. Also the fact that overspray and drift are common phenomena and often range far from the sprayed area.

A change in the future meeting agenda has Kit James speaking at the January meeting and the display meeting and show possible for March or April.

## 3. Correspondence:

a) A letter from a Danish collector wanting to exchange butterflies.

b) A letter from Peter Noyle (an ex-member) wishing to rejoin and attaching a list of observations from Hillsburgh, Ontario. These will be added to the material for the Summary.

## 4. Financial report:

The account currently stands at \$942.55 with 42 members paid up. This is already enough to cover the cost of the annual summary!

## 6. New Business:

a) Quimby Hess would like to include more photographs of contributors in this seasons summary. Requests have been sent to a number of individuals.

b) The executive is really in need of a secretary to handle the minutes and the very small amount of correspondence. Volunteers are requested!!

c) Quimby Hess gave his views on the programs recently carried out on the Karner Blue at St. Williams and Grand Bend. He feels that the marking of these insects may be contributing to their decline. Apparently numbers were markedly down again this past season, together with *Incisalia irus*. Quimby would like to see these species added to the Endangered Species list. He will draft a letter to the MNR regarding some additional strategies to help the insect next season.

## 7. Publications:

a) Al Hanks brought a copy of 'Sphingidae Mundi' by d'Abrera and several members expressed an interest in this volume.

b) There is still time to get orders to Gord Edmund for copies of "Butterflies of Costa Rica" at a reduced price!

8. Program:

Dr. David Gibo gave a fascinating presentation on his work on the migration of the Monarch butterfly. This involved many long hours of observation and study at airports in Texas and Georgia, watching for weather fronts to come through. The insects ride on thermals which build up around fronts, and if these are travelling in a southerly direction, then a 'free ride' is afforded the insects. Observations have been made with binoculars initially, but a sophisticated radar capable of locating insects has proved useful. An amusing part of the presentation involved trials of a lightweight aircraft, but apparently this was so hard to keep in flight during the type of weather involving thermals that attempts were abandoned as being too dangerous. The presentation was supported throughout with slides & was followed by many questions from those present. All-in-all a most valuable contribution to the members present.

\* \* \* \* \*

NOTE: QUIMBY HAS ASKED THAT ALL CONTRIBUTIONS FOR THE SUMMARY REACH HIM NO LATER THAN NOVEMBER 30TH. SPECIAL NOTES ARE ALSO REQUIRED.

The next meeting is on November 21st. Lets have as good a turn out as for this meeting and remember to bring material for the summary.

\* \* \* \* \*

Meeting # 3  
87/88 Season

The third meeting of the 1987/88 season was held on October 24th in the Planetarium Lecture Room starting at 1 6.m. In attendance were John Eberlie, Alan Hanks, Quimby Hess, Duncan Robertson, Bill Edmonds, Tony Holmes, Eric Bryant, Bert Wigg, Gord Edmund, Kit James, Tom Mason, Carolyn Gondor, Merne Powers, Phil & Pat Schappert, Les Kohalmi, Dana Lyons and new members Ted Shimba and John McGregor.

1. Minutes:

The minutes of the last meeting were reviewed and accepted.

2. Business arising:

Quimby Hess had written a letter for John Eberlie's signature to the Minister, Natural Resources, outlining the concerns of the T.E.A. with respect to the Karner Blue and *Incisalia irus*. Reference was made to data gathered on these insects and a request made that consideration be given to placing them on the list of Endangered Species in Ontario. This was put to the vote and all present were in favour. Therefore, the letter was signed. A motion was made that a copy of the letter should be appended to these minutes and this carried. It was also moved that individual members should write to the M.N.R. regarding this matter, and this motion also carried.

3. Correspondence:

a) A letter from a new London area member noted that two butterflies had been caught, tentatively identified as the West Virginia White and sent to the R.O.M. entomology department for confirmation. He suggested that the area mentioned (West Mosa township) be investigated next spring. It was also noted that an original Bethune specimen had been labelled as from London.

b) A letter from Father Riotte listing another entomologist wishing to exchange material, this time from the German Democratic Republic.

4. Financial report:

The account currently stands at \$1,131.62 with 50 members paid up. It is very encouraging to have so many new members this season, and we welcome them all!

6. New Business:

a) John Eberlie noted that we have no speakers arranged for the January meeting. Prof. David Gaskin of the University of Guelph will address the February meeting on 'Collecting in the Aegean Region', with slides to accompany the presentation.

b) The executive is STILL in need of a secretary to handle the minutes and the very small amount of correspondence. Volunteers are required!!

c) Quimby Hess spoke on the controlled burning of pine in the Pinery to assist in the preservation of Karner Blue habitat. Apparently this gave rise to loud outcry from some people against any burning. However, there is a chance that this will be continued on a limited basis. Tony Holmes queried why the Dusted Skipper is not a candidate for inclusion on the Endangered list. Quimby noted that the report by Packer only listed the status of the Dusted Skipper as rare - but not endangered! More investigation is required.

d) John Eberlie brought a Canadian Tire product called 'Patty Maker' to show, suggesting that it can make an ideal enclosure for raising the larvae of relatively small butterflies. It is made of plastic, is more durable than glass and relatively inexpensive!

e) The M.N.R. is requesting applications for summer employment as Park Interpreters in Algonquin Park next year. If you are interested, please contact R.C. Tozer, Park Naturalist, Algonquin Park District, P.O. Box 219, Whitney, Ontario K0J 2M0, (705) 633-5592.

#### 7. Publications:

a) Gord Edmund reiterated the fact that he will be ordering books such as d'Abrera Neotropical Vol. 3 and 'Butterflies of Costa Rica' and it is still not too late to get in on a bulk order. However, time is getting short, so let Gord know NOW if you are interested.

#### 8. Program:

The guest speaker, Lester Kohalmi was introduced and gave a fascinating dissertation on speciation in the genus Hyalophora. Members of this genus had been studied in various areas of North America and some very interesting data was presented by means of slides and tables. It was interesting to note the shrouding of whole trees for raising the larvae of these large moths, in comparison to the 'patty maker' already discussed. A lively question period followed the lecture.

\* \* \* \* \*



# TORONTO ENTOMOLOGISTS' ASSOCIATION

Special Minutes,  
December 23.

First, I must apologise for indicating in the last minutes that there would be no programme for the January meeting. I had forgotten that Dr. Kit James was going to address the members on Saturday, January 23rd. Let us hope there will be a good turnout for the first meeting of 1988!!

#### Notice:

Mrs. Brenda Kulon and Mr. Gerry Clements of Lambton Wildlife Incorporated (LWI), both members of the T.E.A., are involved with LWI's Karner Blue Project. LWI has decided to proceed with the purchase of the key habitat area of the endangered Karner Blue in the Pinery near Port Franks. The area to be purchased is about 30 to 40 acres of a large private property slated to be developed for seasonal homes.

Subject to appraisal, survey and negotiation, the purchase price is in the vicinity of \$75,000. When purchased, the land will be turned over to the Ministry of Natural Resources (Pinery Provincial Park officers) for management planning and implementation and designation as a Provincial Nature Reserve. Please note that the rare Dusted Skipper is also found in this area, as well as other rare species of flora and fauna.

The financing of the purchase will be handled as follows:

1. "Carolina Canada" has offered to pay one-half of the amount, subject to the other half being raised.
2. Lambton Wildlife Incorporated (actually the Sarnia Nature Club) has committed an amount of \$5,000.
3. Corporate donors have indicated support subject to the amount of their other financial commitments.
4. "Wildlife Habitat Canada" (Ottawa) has been approached for funds.
5. The F.O.N. has indicated support and a meeting to finalize a decision has been arranged for January 1988.
6. A number of private donors have been canvassed and some commitments have already been made.

The members of the T.E.A. are herewith asked to lend their support to this worthwhile project. Donation cheques in any amount should be made payable to "Karner Blue Project" and sent to:

Mrs. Brenda Kulon,  
2642 Kaymar Crescent,  
Bright's Grove, Ontario,  
N0N 1C0.

Phone (519) 869-2833

Please let us show some good support for this project. The T.E.A. has worked hard through a number of individuals to look after the Karner Blue in this area.

\* \* \* \* \*



# TORONTO ENTOMOLOGISTS' ASSOCIATION

Meeting # 4  
87/88 Season

The fourth meeting of the 1987/88 season was held on January 23rd in the Planetarium Lecture Room starting at 1 6.m. In attendance were John Eberlie, Alan Hanks, Quimby Hess, Duncan Robertson, Bill Edmonds, Tony Holmes, Eric Bryant, Bert Wigg, Gord Edmund, Kit James, Tom Mason, Carolyn Gondor, Merne Powers, Phil & Pat Schappert, Les Kohalmi, Dana Lyons and new members Ted Shimba and John McGregor.

1. Minutes:

The minutes of the last meeting were reviewed and accepted.

2. Business arising:

The letter to the Minister, Natural Resources was duly sent and an acknowledgment received. An additional letter will also be sent to Don Kerr of the F.O.N. concerning the purchase of the Yogi Bear area in the Pinery. This letter will serve as a prologue to a planned meeting with the F.O.N. executive. Any members wishing to donate funds as outlined in the last minutes please make cheques payable to 'Lambton Wildlife Karner Blue Project'. Receipts may be obtained for income tax purposes.

We are still in need of a Secretary! Surely there must be one member who is willing to donate a little time to the Association. There is very little involved except the taking of meeting minutes and occasional correspondence. We need your help!

3. Correspondence:

a) A letter from the Xerces Society requesting donations for a project dealing with protection of the Monarch butterfly in California.

4. Financial report:

The account currently stands at \$1,186 with 72 members listed on the rolls but only about 53 paid up. A sum of \$200 was voted to the Treasurer for time & material spent on production of the past Summaries.

6. New Business:

a) Prof. David Gaskin of the University of Guelph will address the next meeting on 'Collecting in the Aegean Region', with slides to accompany the presentation. This is on February 27th.

b) Some comments were made regarding the Bt spraying programme for the Gypsy Moth and its effect on other insects in the sprayed areas.

c) Quimby Hess has received a call from the T.F.N. Club. They are putting on displays in the Rotunda of the R.O.M. during April and have invited the TEA (among other clubs) to participate. This would involve putting display material such as photos, books and etc.. on a small stand that will be available. Since our own display meeting is in April, this would key in well as far as having material prepared already. Someone would have to go to the Rotunda on the morning of the event in order to set up the materials, and a couple of members would be required to man the stand during the opening hours of the Museum. The emphasis should be on butterfly preservation rather than collection. Further details will be forthcoming later.

d) The room for our own display meeting on April 23rd has been booked for 12 to 4 p.m. at the Earl Bales Community Centre (Room 4). The Centre is located close to the intersection of Sheppard and Bathurst, and a map will be placed in the next minutes. Plan to attend this function and bring some friends. Let them see what the TEA is all about.

e) Typing on the Summary is completed and only insertion of photographs & final proofing is required. This means the Summary should be available to members a little earlier this year.

f) Tony Holmes requested that a meeting be organized with the emphasis on photography. The March 26th meeting has been earmarked for this. Al Hanks will bring a variety of equipment for demonstration. Quimby suggested that Brenda Kulon be contacted, as she has a great deal of experience in the photography of insects. Anyone wishing to bring slides and/or prints to discuss, please feel free to do so.

g) Tom Mason expressed his thanks to members for helping out with the Zoo project last year. He would like to do the same this year, so volunteers are requested. He also has the official O.K. for establishment of an experimental butterfly garden at the Zoo.

7. Publications:

a) Doug Scovell noted that a Dutch publisher (Junk) is advertising the d'Abrera series on Neotropical Butterflies.

8. Program:

The guest speaker, Kit James, came well equipped with an assortment of the family of Tarantula spiders. He gave a most interesting and informative dissertation on these creatures, with slides to show his equipment for rearing them, as well as slides of a number of the varied species. Some of these are becoming quite scarce as they are gathered in large numbers for supply to pet shops. An example is the Mexican Red Knee, which used to be very common, but is much less so now. Feeding these 'pets' is usually no problem, although they have vastly different appetites, depending on the species, with crickets being one of the staples of their diet. A question and answer period followed the presentation.

\* \* \* \* \*

NOTE: Do not forget the next meeting - February 27th - it should be interesting to hear Dr. Gaskin talk about his experiences in the Aegean, so let's have a good turnout!!!

\* \* \* \* \*

TORONTO ENTOMOLOGISTS'  
ASSOCIATION

Alan J. Hanks, Treasurer  
34 Seaton Drive  
Aurora, Ontario L4G2K1

Meeting # 5  
87/88 Season

The fifth meeting of the 1987/88 season was held on February 27th in the Planetarium Lecture Room starting at 1 p.m. In attendance were John Eberlie, Alan Hanks, Quimby Hess, Duncan Robertson, Tony Holmes, Bert Wigg, Kit James, Tom Mason, Carolyn Gondor, Merne Powers, Phil & Pat Schappert, Ron Lyons, John McGregor and visitors David Keith and Paul McGaw.

1. Minutes:

Two errors were noted in the minutes in that Phil & Pat Schappert were not present, but Doug Scovell was (boy, do we need a secretary!). The minutes of the last meeting were then accepted.

2. Business arising:

There is no additional information at present with respect to the Pinery and the Karner Blue situation.

The Toronto Field Naturalists' R.O.M. "Spring into Nature" programme will go ahead in April and the T.E.A. has been given Sunday, April 17th from 1 to 4 p.m. as their allotted time. There will be four tables available and so far, Al Hanks, Quimby Hess and John Eberlie will be attending. One table is an 8 foot and the other three are 6 foot. John Eberlie is in need of photographs of sedge skippers for his display. If any member has any to loan him, please 'phone. The area for all of this is in the East Wing of the Museum and all T.E.A. members are encouraged to come out.

The members display meeting will be as scheduled on April 23rd at the Edithvale Community Centre on the south side of Finch Avenue between Bathurst and Yonge - room 209. There will be a map in the next minutes. Once again, all members are urged to attend this function and bring any interesting material you might have in the way of slides, books, specimens, or anything else of an entomological nature that you can think of. The event will be advertised in the local press, so we may get some interested bystanders!!!

The Summary is complete and has gone to the printers. An interesting discussion ensued regarding illustrations for the Summary. John McGregor showed some copies of black and white reproductions from colour slides that he had prepared, and they were very good. This will be kept under advisement for later summaries, as it is too late to do anything for the 1987 issue.

3. Correspondence:

- a) A letter from a collector in Spain wishing to exchange Colias and Cato-cala - anyone interested call Al Hanks.
- b) A letter from a collector in St. Louis wishing a copy of the Summary.

4. Financial report:

The account is unchanged from the last report except that \$80 was paid out for the use of the meeting room for the April members show meeting.

6. New Business:

a) Considerable discussion was held regarding the production of the Tony Holmes work - "Distribution of Ontario Butterflies". The primary question is that of production, i.e., how many copies, how to get funds etc.. The publication would be around 300 pages long, which would require a large sum for printing and production. Various suggestions were put forward for funding, from Wintario to the Ontario Heritage Foundation. These will be investigated. All agreed that it would be best if the T.E.A. had major involvement, i.e., the book would really be a large 'Occasional Publication'. Quimby Hess suggested that the 1988 and 1989 Summaries be combined, and the money saved go towards production of the "Distribution". This was put into motion form and voted upon, with a majority agreement. John McGregor will get some cost estimates for the xeroxing and collating, which he feels can be done cheaper than at present owing to the quantity of pages. In the meantime, Al Hanks will investigate the possibility of having a standard format for pages on the computer which would speed up production. More later on all of this.

b) Tom Mason gave three possible dates for additional work on logging the butterfly species on Metro Toronto Zoo property. These are June 4, July 16 and August 24 (tentative). Would members who are interested in participating please let someone on the executive know if they can attend, and on which date.

c) Phil Schappert would like to receive any data that members may have on puddling of butterflies and pollination on Trillium flowers.

d) A possible field trip was discussed with locations as far afield as Twin Lakes and South Hay Swamp. May or June would be the likely months, depending on the weather. More on this later.

7. Publications:

a) A new book has appeared on the Monarch by Professor Urquhart but no other details were available. These will be put in the next minutes.

8. Program:

The guest speaker, David Gaskin, is Professor of Zoology at the University of Guelph. He has worked in the Antarctic Ocean and New Zealand for nearly 8 years before coming to Canada in 1969. He has run the whale and porpoise research group for the University in the Bay of Fundy since that time. However, he has never really deserted his first love, research on Lepidoptera, with a particular interest in the Crambinae, or sod web-worm moths. Since 1980 he has devoted part of each year to research on the zoogeography of butterflies and moths in two regions; central and northwestern South America and the Aegean region. His topic for this meeting concerned some work carried out on the Greek Islands of Kefalonia, Samos and Hios. It was admirably illustrated with slides, not only of some of the insects encountered, but also of the scenery and people of the area. The photographs were well supported by anecdotes of some of his experiences in these islands, and the occasional difficulties encountered, in particular with goats!! He also emphasized some of the 'fringe benefits' of selecting such areas for research. It was a totally engrossing lecture, which was thoroughly enjoyed by all the members present.

\* \* \* \* \*

NOTE: Do not forget the next meeting - March 26th - bring your close-up photographic gear, slides, prints etc.. and hopefully we can all benefit from each others experiences.

\* \* \* \* \*



# TORONTO ENTOMOLOGISTS' ASSOCIATION

Meeting # 6  
87/88 Season

The sixth meeting of the 1987/88 season was held on March 26th in the Planetarium Lecture Room starting at 1 p.m. In attendance were John Eberlie, Alan Hanks, Quimby Hess, Duncan Robertson, Bill Edmonds, Tony Holmes, Bert Wigg, Gord Edmund, Tom Mason, Merne Powers, Alan McNaughton, John McGregor, David Keith, Doug Scovell, Alan Brown, Tom Ikeda and visitors Lynn James and Helen Juhola.

## 1. Minutes:

The minutes of the last meeting were reviewed, a couple of minor changes noted, and accepted.

## 2. Business arising:

'Spring into Nature' month has commenced at the Royal Ontario Museum, the T.E.A. is participating on Sunday, April 17, and numerous displays are planned. Helen Juhola gave some details of the four weekends of shows that are to be held during April. Any members bringing material on the 17th should come to the side door or front entrance of the Museum and make themselves known. The area for the display is in the east wing.

The T.E.A. 'Members Display Meeting' will take place on April 23rd at the Earl Bales Community Centre (NOT the Edithvale Community Centre as reported in previous minutes). We have Room 4 from 12 to 4 p.m., but earlier set-up will be in order. Directions are on the enclosed map. Please make an effort to let as many people as possible know about this, so that we can have a reasonable turn-out. Some publicity will be placed in local newspapers.

The 1987 Summary is now available and copies were distributed to members who were present. Apologies for the error on the inside title page!

Further discussion ensued regarding the 'Distribution of Ontario Butterflies' and production costs. If 100 copies are produced, the cost will probably amount to about \$15 per copy. A vote from all present indicated that they would be willing to expend that amount. Presumably the rest of the membership would do likewise. Efforts will be made, however, to obtain some money from outside sources such as Lotario and the M.N.R. W.C.C. program.

## 3. Correspondence:

a) A letter from John McGregor outlining his investigations into printing costs was noted (copies to John Eberlie and Alan Hanks).

## 4. Financial report:

The cost for Summary production was \$573.32, which leaves \$341.96 in the account. This will be plenty to mail out the Summary and carry us into next season.

6. New Business:

a) Discussion was held on the possibility of a field trip in 1988. A number of suggestions were forthcoming and Quimby Hess kindly offered the use of his place at Zurich on the weekend of July 9 & 10. The address is 25 Goshen St. South in Zurich. To get to Zurich, take Hwy. 19 south from Stratford, turn west on Perth Co. Rd. 17. West of Fullarton, pick up Hwy. 83 towards Exeter, then about 2 km east of Dashwood, turn right on Huron Co. Rd. 2 to Zurich. Quimby's house is across from the Lutheran Church. From this location, it is not far to South Hay Swamp, the Bannockburn Wildlife Area and the Pinery. It should be an overnight trip and Quimby said he could put up 5 people in the house, provided they bring their own sleeping bags & pillows. There is ample space for tents or trailers in the grounds. We may try to work out some way to provide breakfast! Further details about the trip will be announced in the next minutes.

b) Dr. Kit James is still representing the T.E.A. at the F.O.N. and had to go to a meeting on this date. His wife Lynn was representing him at this T.E.A. meeting.

c) We are still looking for a Secretary. Surely there must be a member out there who is willing to take this on. The T.E.A. only functions because a few people put in some time to make it go. Elections will be coming up soon, and it is every members privilege to come out and vote for someone to serve on the Executive. The T.E.A. has had problems before with a lack of interest in the organization of the Association, and at one point a few years ago, it nearly folded. Hopefully this will not happen again, but it is not fair that the same individuals have to do the work all the time. Please give this some serious consideration and let the executive know what you think. Better yet, come out to the meetings and volunteer for a position!

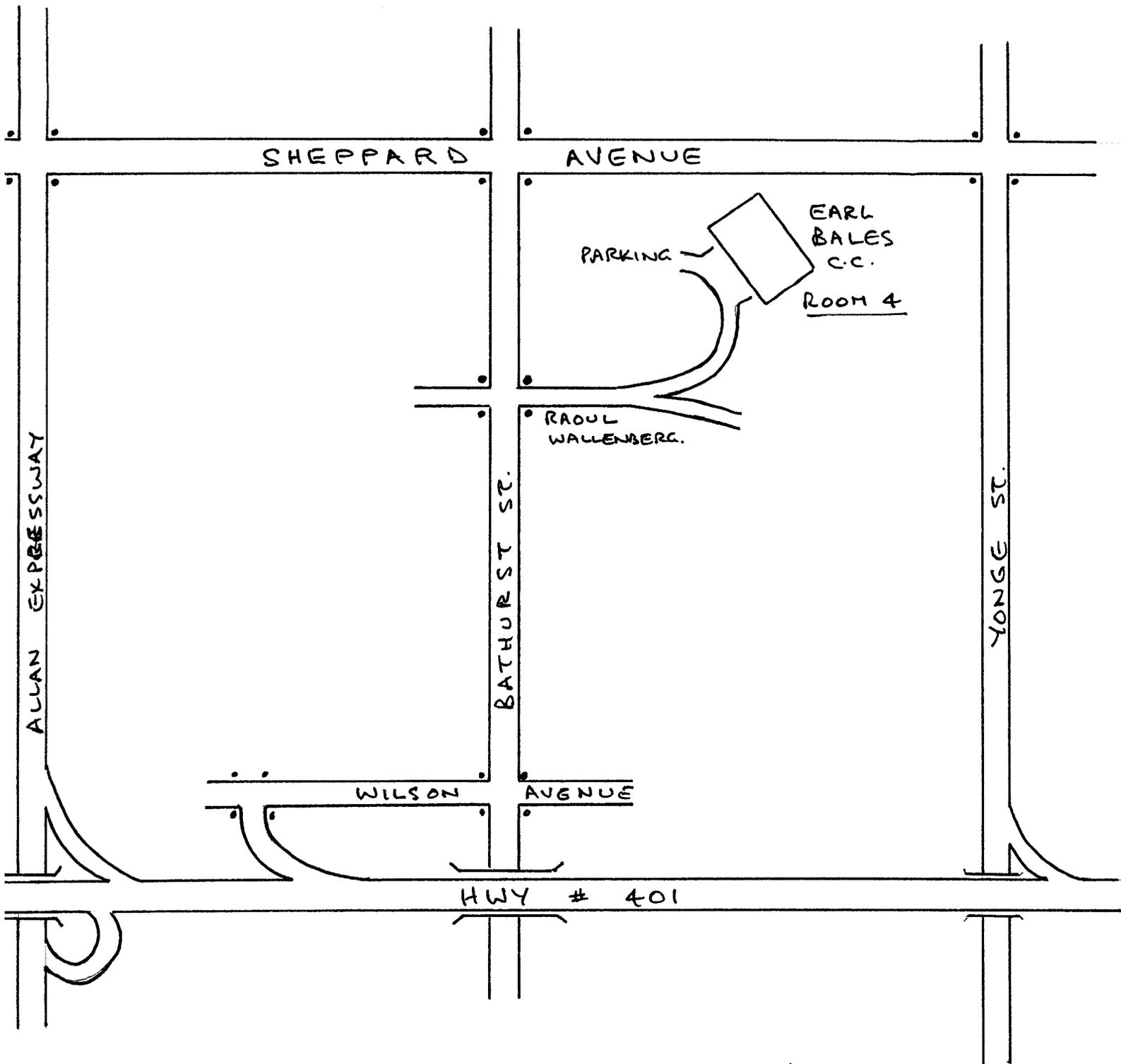
8. Program:

The program consisted of discussions on insect photography, led by Alan Hanks and ably supported by Gord Edmund, John McGgregor and several other members. A large amount of photographic equipment was available for inspection and a number of members showed slides and/or prints of their efforts. There was a lively question and answer period and it turned out to be one of the longer meetings we have had. More of this kind of meeting would be most enjoyable, so let us know what you would like to see on the program.

\* \* \* \* \*

NOTE: Do not forget the next meeting - April 23rd - at Earl Bales Community Centre. Let's have a good turnout again and make the meeting a success!!

\* \* \* \* \*



FROM THE EAST: TAKE YONGE NORTH TO SHEPPARD, WEST ON SHEPPARD TO BATHURST, SOUTH TO RAOUL WALLENBERG. OR BATHURST CUT OFF AND NORTH ON BATHURST.

FROM THE WEST: TAKE ALLAN EXPWY. NORTH TO SHEPPARD, THEN EAST TO BATHURST AND SOUTH TO RAOUL WALLENBERG.

ALAN HANES 727-6993 (AURORA)



# TORONTO ENTOMOLOGISTS' ASSOCIATION

Meeting # 7  
87/88 Season

The seventh meeting of the 1987/88 season was held on April 23rd in Room 4 of the Earl Bales Community Centre (Bathurst at Sheppard), starting at 12 p.m. In attendance were John Eberlie, Alan Hanks, Quimby Hess, Bert Wigg, Gord Edmund, Tom Mason, Merne Powers, John McGregor, Phil & Pat Schappert, Hal Donly, Kit James, Chris Rickard, Ted Shimba and Ron Tasker.

## 1. Minutes:

The minutes of the last meeting were reviewed, and apologies made for not including Duncan Robertson's name with the members showing slides during the programme.

## 2. Business arising:

The 'Spring into Nature' day on the 17th at the Royal Ontario Museum was quite interesting. In attendance were John Eberlie, Quimby Hess, Alan Hanks, John Prideaux, Bert Wigg and John McGregor. John Eberlie had an interesting display, Al Hanks put up several frames of insects on stamps. John McGregor had some photographs and Quimby Hess brought numerous books and specimens in wall mounts. Bert Wigg had a case of butterflies and moths recently caught in Florida. The lighting in the area was very poor and attendance from the public was not all that good. However, it was quite enjoyable, and good co-operation was afforded by Museum staff.

## 3. New Business:

a) Quimby Hess gave some more details on the Karner Blue project. Several companies have donated \$1000 each to the project, but there has been no luck so far in getting either the Karner Blue or the Frosted Elfin on the Endangered List. Possibly it has something to do with the spraying programme which is in the planning stages. It is to be hoped that this project does not founder!

b) We should have elections early next season and nominations are sought for the offices of President, Secretary etc.. Please think about this and send your suggestions to John Eberlie or Alan Hanks.

b) John Eberlie has three names of possible speakers for next season. If anyone has a presentation they would like to make, or knows anyone else who would come and speak at a meeting, please let John know.

c) The trips to the Metro Zoo are scheduled for June 4th, July 16th and August 27th. All those interested in pursuing this investigation, please be at the zoo front gate at 9.00 a.m., where Tom Mason will meet us.!

d) The field trip is on the weekend of July 9th and 10th, and as noted, Quimby will be able to put up a few people, with room for tents or trailers on the grounds. For those who would like to stay in a motel, there is a good one called Hessenland on Hwy. 21 just 4 miles from Zurich. Others are located at Exeter, Bayfield and Grand Bend. A map of the routes to Zurich is appended. See you in July! If not, have a good summer, and see you next fall.

\* \* \* \* \*

urbains et  
liquer les  
is  
ines ne  
s des villes.

RIST  
SME

te service  
nique-nique  
st Aid Post

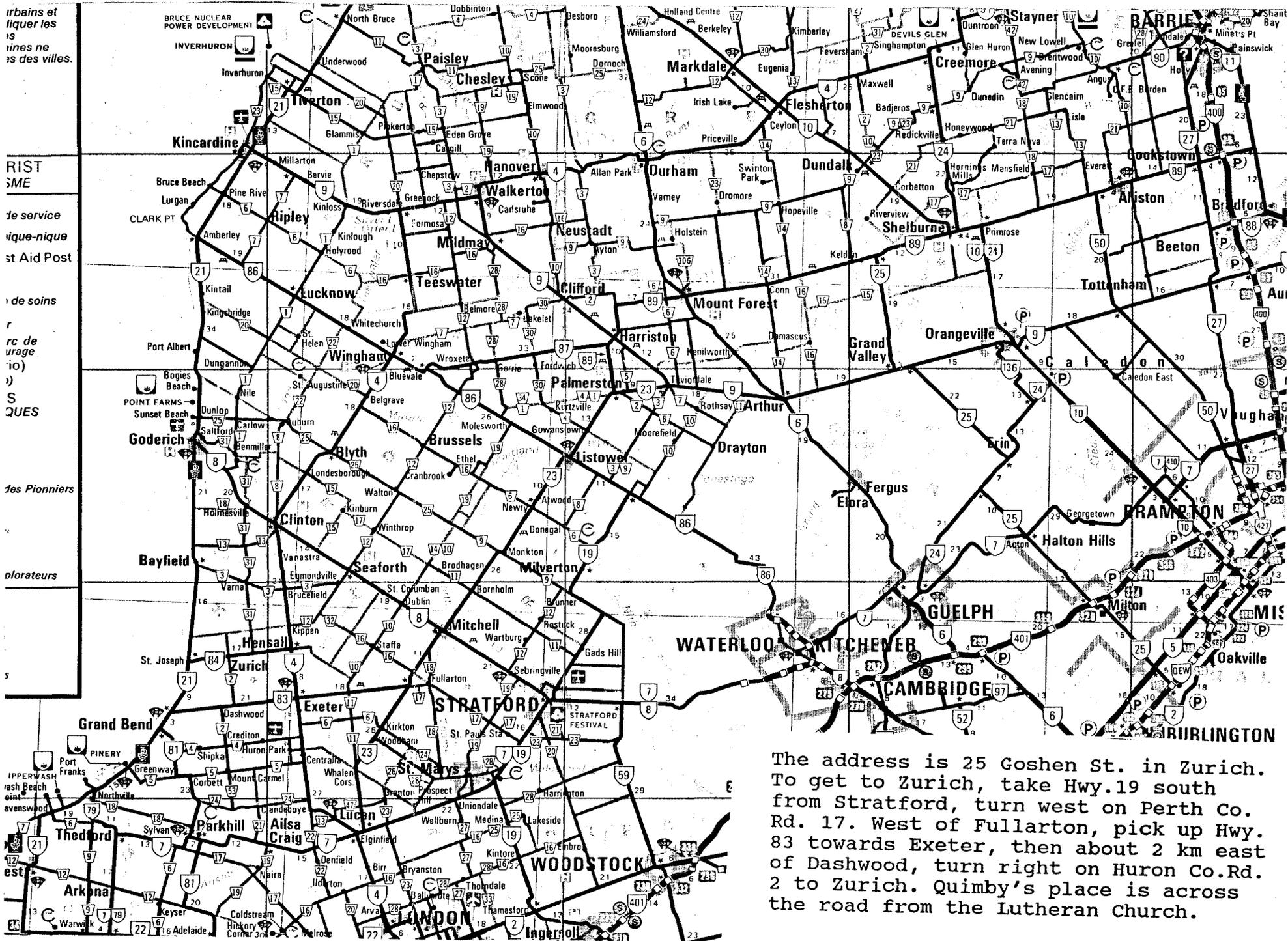
de soins  
r  
rc de  
urage  
io)  
S  
QUES

des Pionniers

olorateurs

s

IPPERWASH  
ash Beach  
aint  
avenswoon  
est



The address is 25 Goshen St. in Zurich.  
To get to Zurich, take Hwy.19 south  
from Stratford, turn west on Perth Co.  
Rd. 17. West of Fullarton, pick up Hwy.  
83 towards Exeter, then about 2 km east  
of Dashwood, turn right on Huron Co.Rd.  
2 to Zurich. Quimby's place is across  
the road from the Lutheran Church.