

ANNUAL . REPORT
OF THE
Entomological Society
OF CANADA,
(QUEBEC BRANCH.)

DELIVERED BY THE PRESIDENT AND BY
THE LATE COUNCIL,

AND

READ AT THE MEETING OF THE SOCIETY,

9TH JANUARY, 1867.



QUEBEC:

PRINTED AT THE DAILY MERCURY OFFICE.

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OFFICE BEARERS AND COUNCIL

FOR THE YEAR 1867.

President.....THE ABBÉ O. BRUNET.
Vice-President.....MR. W. COUPER.
Secretary Treasurer...MR. G. J. BOWLES.
Curator.....MR. G. C. GIBSONE.

COUNCIL.

THE REV. G. M. INNES. MR. D. WILKIE.
MR. P. LANDRY. MR. J. J. BOWLES.

ENTOMOLOGICAL SOCIETY

OF

CANADA.

The Third Annual General Meeting of this Society was held on Wednesday, 9th January 1867, in the rooms of the Literary and Historical Society, Masonic Hall, Quebec.

President Brunet in the chair.

The Revd. T. E. Hamel, Professor of Natural Philosophy, Laval University, was elected a member.

The following address was then read to the meeting :

THE PRESIDENT'S ADDRESS.

GENTLEMEN :

The Entomological Society enters this day on its fourth year of existence. I believe it is my duty to exhibit to the members and to the public its progress during the past years, and its present condition.

In proportion to our limited pecuniary means and to the small number of really active and labouring members, we may feel proud of what we have done since the beginning of our existence.

We do not pretend to rival older institutions, often aided by pecuniary independence or by the liberality of our Government ; every one knows that our Society is yet in its infancy, and that many of our most active

members can devote but a few leisure moments to the pursuit of our favorite science. Nevertheless we have had during this last year our public *Conversazione*, and different interesting papers have been read at our monthly meetings.

That we do not labour in vain is testified by the rich and various collections of *Lepidoptera* and *Coleoptera* exhibited to the public at our last *conversazione*. These two large collections of Canadian insects have been made since the existence of our Society. I shall say more : I will add that one of these collections will become of general utility to the country ; for the collection of Mr. Couper, one of the largest collections of Canadian *Coleoptera*, found in British America, is presently numbered amongst the Zoological collections of Laval University. Thus, gentlemen, in cultivating the amenities of science, we are, in our humble way, doing something for the welfare of our country.

It is also proper to mention that our Society has contributed to the scientific literature of Canada. Many papers read by our members have been published in the "*Canadian Naturalist*," a scientific periodical the circulation of which is general both in Europe and America, and which is now a medium of intercourse between the Naturalists of Canada and foreign countries. Some of these papers have been favoured with the honour of reprint in *British Reviews*. Besides these, numerous minor communications, entered in the Records of the Society, will become precious materials for the Entomological Fauna of Canada.

Our monthly meetings, during the past year, have been generally well attended, excepting, however the time of vacations, that is to say during the three months of July, August, and September.

I shall now, in conclusion, express my regret, that the pressure of other duties has prevented me from devoting more time to the interests of the Society.

The Secretary then read the following report of the Council.

REPORT OF THE COUNCIL.

Your Council have now the pleasing duty of presenting to the Society their Third Annual Report.

Owing to the absence of many of our members from the City last summer, it was difficult to obtain a quorum, so that but seven regular meetings were held during the year ; these, however, were well attended and interesting. A new feature in our proceedings was the holding of a *conversazione* on the 15th March last, in the rooms of the Literary and Historical Society, which were kindly granted for the occasion. Your Council refers to this *reunion* with gratification, as it was successful in every respect, giving great pleasure to those that attended, and placing before them the objects of our study in their true interest and beauty. Four excellent papers were read, and some of our collections exhibited, while twelve powerful microscopes, loaned by gentlemen of this city and members of our Society, stood upon

the table, furnished with numerous natural objects for examination. The titles of the papers read were as follows :—

Address by the President, on The utility of Entomology, practical and scientific.

On the Architecture of *Vespa maculata* (Linn.), by the Rev. O. Brunet.

Another on the same subject by Mr. Couper.

The History of Canadian Entomology, by Mr. Couper.

Our list has been increased by the addition of four new members during the year, and it is satisfactory to state that the number of working members has also increased.

With reference to the Parent Society, your Council have great pleasure in stating that both it and the London Branch are actively carrying on their work. It is hoped that soon a small entomological serial will be issued by the Society, to contain the whole of its proceedings,—a project which your Council thinks, would, if carried out, be very beneficial to the interests of our science in Canada.

Your Council would respectfully recommend the publication in pamphlet form, of this year's report, and a list of our members, together with the By-laws of the Branch. The manuscript of the "Instructions for collecting insects," is now nearly ready, and it remains for the Society to decide as to its publication. The Branch has now a small balance on hand, which would likely defray the expense of printing both the above mentioned pamphlets.

Your Council would congratulate the members on the continued progress of our Branch, as well as on

the prosperity of the Society as a whole, at the same time expressing the hope that the coming year will be more successful than the three which have elapsed since our organization, and that our members will continue to carry on with vigour and perseverance the study of one of the most fascinating and beautiful departments of natural science.

The Treasurer's accounts are herewith presented.

The whole respectfully submitted.

OVIDE BRUNET, P^{TRE.}

President.



It was then moved, seconded, and

Resolved, That the foregoing Reports be adopted and published.

The following gentlemen were duly elected as office-bearers for the ensuing year :

The Rev. O. BRUNET...President.

Mr. W. COUPER,.....Vice-President.

Mr. G. J. BOWLES.....Secretary Treasurer.

Mr G. C. Gibsone.....Curator.

The Rev. G. M. INNES, and Messrs. D. WILKIE and P. LANDRY, members of Council.

An interesting paper on a parasite infesting the Trout, was read by Mr. Couper.

GEO. J. BOWLES,

Secretary.

BY-LAWS.

OF THE

ENTOMOLOGICAL SOCIETY OF CANADA.

(QUEBEC BRANCH.)

TITLE.

I. This Society shall be known as the “Quebec Branch of the Entomological Society of Canada”; which was formed at Toronto, Canada West, on the 16th April 1863; it being in connection with, and under the constitution of that Society.

OBJECTS.

II. The objects of this Branch shall be:

1st. To collect and study the insects of the Quebec and Lower St. Lawrence Districts.

2nd. To obtain by exchange, &c., with the Parent Society and others, specimens from all parts of the Province, so as to form a complete collection of the insects of Canada, to be the property of the Branch. Another collection will also be formed, to be, (by agreement) the property of the Literary and Historical Society of Quebec, the members of this Branch, however, being at liberty to exchange species for species, out of the surplus specimens, under the supervision of the Curator of this Society. One pair each of the rarer species, and two pairs each of the commoner, being sufficient for the Cabinet. all above

these numbers shall be considered surplus specimens. These regulations shall apply to both collections.

MEMBERS.

III. All students of Entomology, or those desirous of becoming such, shall be eligible for membership. Any person desiring to become a member, shall signify the same to the Secretary in writing, at the same time depositing with him the amount of one year's subscription. He shall be duly proposed at one general meeting, and ballotted for at the next, three fourths of the ballot being necessary to his election.

SUBSCRIPTIONS.

IV. The annual subscriptions shall be two dollars, in advance.

CONNECTION WITH PARENT SOCIETY.

V. In order to entitle the members of this Branch to all the privileges of membership in the Entomological Society of Canada, one dollar for each member on the roll at the time of each Annual Meeting must (by agreement,) be paid into the funds of the Parent Society,—the remainder of the funds to be expended in publishing lists of the species, if necessary, and in transmitting duplicates, &c., &c.

PAPERS.

VI. Papers on Entomological subjects, having been approved by the Council, may be read or presented to this Branch by the members, it being

optional with the authors of such papers to publish them in any way they choose, until such time as the Entomological Society of Canada shall have a publication of its own. Members may also read before the Society any portion of their private Entomological correspondence which will tend to increase the scientific knowledge of the members.

OFFICERS.

VII. The officers shall consist of a President, Vice-President, Secretary-Treasurer, and Curator.

COUNCIL.

VIII. These officers, with three other members, shall compose the Council of the Branch, which shall arrange its ordinary affairs and business. Three shall form a quorum.

ELECTIONS.

IX. The Officers and Council, shall be elected at the Annual General Meeting, and they shall hold office until the general meeting next succeeding the election of their successors.

GENERAL MEETINGS.

X. General Meetings shall be held on the first Thursday evening in each month, excepting the months of July, August and September, in the rooms of the Literary and Historical Society. Three members shall form a quorum. In order more fully to further the objects of this Branch, the third Thursday evening in each month be shall set apart for

conversation, exchanging specimens, &c., but the meeting shall not be considered a general meeting, at which business may be transacted.

SPECIAL MEETINGS.

XI. Special meetings may be called by the Council, or by the Secretary on the written requisition of five members.

ANNUAL MEETINGS.

XII. The Annual General meeting, for the election of officers, reception of report, &c., shall be held on the second Thursday evening in January.

ALTERATIONS.

XIII. These By-Laws, with the exception of No. 5, may be altered or amended at a special general meeting called for the purpose, notice of such alterations or amendments having been given at the preceding general meeting of the Branch.

LIST OF MEMBERS

OF THE

QUEBEC BRANCH,

Entomological Society of Canada.

W. Couper	17th March 1864	} Original Members.
G. J. Bowles.....	" "	
F. J. S. Dore.....	" "	
G. C. Gibsone.....	" "	
The Abbé O. Brunet.	" "	
H. W. Stuart.....	" "	
Dr. Carey, R. A....	" "	
T. Devine.....	" "	
A. L. Russell.....	2nd June, 1864.	
R. H. Browne.....	6th Octr. 1864.	
Rev. L. C. Wurtele, Acton Vale	5th Jany. 1865.	
R. P. Davis.....	" "	
P. Landry.....	2nd March, "	
H. A. Sturton.....	5th July, "	
F. X. Belanger.....	" "	
Rev. G. M. Innes	from London Branch.	
The Abbé Provancher.....	16th Feby. 1866.	
G. T. Cary.....	" "	
Heber Budden.....	" "	
D. Wilkie.....	6th Dec. "	
Rev. T. E. Hamel.....	9th Jany. 1867	

J. H. Sangster, Esq., Normal School, Toronto, President.
B. Billings, Esq., Ottawa, C. W., Vice-President.
Rev. C. J. S. Bethune, M. A., Credit, C. W., Secy-Treasurer
Harrington Cowdry, Esq., York Mills, Curator.

Francis Walker, Esq., F. L. S., British Museum, England

Beverly R. Morris, Esq., M. D., England.
C. V. Riley, Esq., Chicago, U. S.

Rev. Prof. Hincks, F. L. S., University College, Toronto.
 Prof. H. Croft, D. C. L. do. do.
 Rev. Prof. Hubbert, M. A., St. Francis College, Richmond,
 C.E.
 Thos. Cowdry, M. D., York Mills, C. W.
 Rev. H. P. Hope, M. A., Toronto, C. W.
 A. R. Beckett, York Mills, C. W.
 Rev. V. Clementi, R. A., Lakefield, C. W.
 E. Billings, F. G. S., Geological Survey, Montreal.
 R. V. Rogers, Kingston, C. W.
 T. Reynold^s, Montreal¹

J. P. Wright, Vienna, C. W.
 Prof. Williamson, LL. D., Queen's College, Kingston, C. W.
 John Miller, York Mills. C. W.
 Prof. J. Bovell, M. D. Trinity College, Toronto.
 Rev. W. A. Johnson, Weston, C. W.
 Rev. W. F. Clarke, Editor, "Canada Farmer," Guelph, C.W.
 John Macoun, Belleville, C. W.
 Johnson Pettit, Grimsby, C. W.
 C. W. Lloyd, H. M. 16th Regt., Hamilton, C. W.
 J. E. Orange, do. do
 J. H. McNairn, Port Hope, C. W.

LONDON BRANCH.

We are unable to give the names of the members of this Branch, twenty-three in number. The following are the office-bearers for 1867 :

John M. Denton, Esq., President.
 Dr. Evans, R. A., Vice-President.
 E. B. Reed, Esq., Secretary-Treasurer.
 W. Saunders, Esq., Curator.

