

FILE 260

BRITISH ASSOC.

FOR THE

ADVANCEMENT

OF SCIENCE

DOCKET STARTS:

TORONTO MEETING 1924

Circular:

Copy of letter from O.J.R. Howarth, English Secretary of
The British Association for the Advancement of Science,
to Professor J.C. McLennan, dated 11th March 1924

"The following simplified arrangement in regard to the issue
of students' tickets at the price of \$2.50 is to be put into opera-
tion for the Toronto Meeting; namely, ^{Students} that such tickets may be ob-
tained by students of ^{this} any university or of ^{any other university or} any educational institution
recognised by the ^{Montreal} Local Committee, provided that they do not exceed
23 years of age. This displaces the difficult provisions marked in
the attached form."

BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

TORONTO MEETING - 1924

Chairman of the Toronto Committee:

Professor J.C. McLennan,
Department of Physics,
University of Toronto.

THE NEXT MEETING OF THE BRITISH ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE WILL TAKE PLACE AT TORONTO FROM
AUGUST 6th to 13th INCLUSIVE.

THERE WILL BE THE FOLLOWING SECTIONS:

- | | |
|--|-------------------------|
| A - MATHEMATICAL AND
PHYSICAL SCIENCE | G - ENGINEERING |
| B - CHEMISTRY | H - ANTHROPOLOGY |
| C - GEOLOGY | I - PHYSIOLOGY |
| D - ZOOLOGY | J - PSYCHOLOGY |
| E - GEOGRAPHY | K - BOTANY |
| F - ECONOMICS | L - EDUCATIONAL SCIENCE |
| | M - AGRICULTURE |

TICKETS OF MEMBERSHIP MAY BE OBTAINED AT THE RECEPTION ROOM
WHICH WILL BE ESTABLISHED AT TORONTO.

WITHOUT AN OFFICIAL TICKET, NO PERSON WILL BE ADMITTED TO
ANY OF THE MEETINGS.

THE TICKET OF MEMBERSHIP ADMITS WITHOUT FURTHER TICKET TO
ALL GENERAL AND SECTIONAL MEETINGS AND TO ANY OTHER MEETINGS
OR FUNCTION FOR WHICH SPECIAL TICKETS ARE NOT PROVIDED.

THE TICKET OF MEMBERSHIP MUST IN ALL CASES BE SHOWN WHEN
APPLICATION IS MADE FOR ANY SPECIAL TICKET, AND NOT MORE THAN
ONE SPECIAL TICKET FOR ANY FUNCTION WILL BE ISSUED ON
PRESENTATION OF EACH TICKET OF MEMBERSHIP.

STUDENTS' TICKETS MAY BE OBTAINED BY STUDENTS OF THIS
UNIVERSITY OR OF ANY OTHER UNIVERSITY OR EDUCATIONAL INSTITU/
TION RECOGNIZED BY THE MONTREAL COMMITTEE, PROVIDED THAT THEY
DO NOT EXCEED 25 YEARS OF AGE.

- - - - -

All Past Presidents are also ex-officio members.

Judging from our last Meeting in Canada (Winnipeg) it will not be possible for many of our business men to spare the time to attend, so that we shall be mainly Professors of Engineering.

I expect to be able to come to Canada and look forward with much pleasure to seeing you then.

I was extremely sorry to see in this morning's paper that Prof. Harkness died yesterday. I had hoped very much to see him again next year.

With kindest regards,

Yours sincerely,

(Sgd.) C. G. COKER.

R. S. Lea, Esq., M. Inst.C.E.,
Consulting Engineer,
Birks Building,
Phillips Square,
MONTREAL, P.Q.
CANADA.

LOCAL ASSOCIATE COMMITTEES

As recommended at the Meeting of the Local General Committee.

Hon Advisory Council for Scientific and Industrial Research. . . Dr H.M. Tory .

Halifax District

Pres A.S. Mackenzie

Quebec

Mr J Hamilton .

Ottawa

Dr Collins

Montreal

Sir Arthur Currie

Kingston

Dean A.L. Clark

London

President Fox

Winnipeg

President McLean

Saskatoon

President Murray

Edmonton

President H.M. Tory

Vancouver

President Zlinck .

THE BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE .

92ND (TORONTO) MEETING . September 3rd to 10th 1924 .

Office . Room 50 . Physics Building
University of Toronto .
Telephone Trinity 5000 .

Toronto. 13th of November 1923 .

Dear *Sir Arthur Currie* .

Between the 3rd and 10th of September 1924 the Ninety Second Meeting of the British Association for the advancement of Science will be held in Toronto .

At a meeting of the Local General Committee of this Association it was agreed that certain Local Associate Committees should be formed

It was further unanimously agreed to invite certain Gentlemen to convene general meetings of such persons as would be interested, for the purpose of organising Local Associate Committees of the British Association within their districts . These Gentlemen or others chosen at the meeting convened by them, should then become Chairmen of the Committees thus formed .

As you will see from the list enclosed, your name was proposed for your District .

I am now writing formally to ask you if you will be kind enough to assist us in the matter .

Should you agree, we shall send you information in outline as to the scope, organisation and general duties of such Associate Committees together with a resumé of our own progress to date .

In all probability, members of the British Association will visit your districts so that questions will arise as to accommodation, entertainment, visits to important centres or to places of interest .

It will be of the greatest advantage to Canada, as I am sure you will agree, that wide interest in next year's meeting be aroused . Our General Committee will rely upon its Local Associate Committees to do all in their power to enhance local interest .

It is the wish of the General Committee that Local Associate Committees should include those within their Districts who are, or may be members of Sectional or other Committees associated with us. We shall let you know, from time to time, who come under this category.

Yours Sincerely,

J. M. Chapman

President of the Local General
and Executive Committees,
British Association for the
Advancement of Science.

Sir Arthur Currie.

BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE
NINETY-SECOND (Toronto) MEETING
September 3rd - 10th 1924

Progress Report and Digest of Sectional Committee Reports: 30th Nov/23

- (1) Section A (Mathematics, Physics and Astronomy) Meeting 10th Nov/23 discussed (1) Daily time table and (2) Lists of scientists to be invited
- Thursday, 4th Sept. Astronomy and allied subjects
Monday, 8th Sept. Either conduction of electricity in metals and theory of magnetism, or development of spectroscopy
Wednesday, 10th Sept. Part working with chemists on symposium on colloidal solutions, part with engineers optical study of elasticity of materials.
- (2) Section B (Geology) (Organisation)
- Organising meeting, 7th Nov /23. Univ. of Toronto, McMaster Univ., Ont. Dept. of Mines, Mines Branch of Ottawa, Ont. Mining Assoc. and local mining and geological interests were represented.
- Dr A.P. Coleman chosen chairman and executive committee formed as follows:
- Dr A.P. Coleman, Chairman
Prof. E.S. Moore, Secretary
Prof. F.L. Walker
Dr W.A. Parks
Dr F.C. Miller
Dr W.E. Collins, Ottawa
Mr B. Heilly, Secy. of Ont. Mining Ass'n.
- (2) Subject for discussion chosen: The Pre-Cambrian.
- (3) Executive requested to secure information regarding inviting prominent scientists and geologists from New Zealand, Australia, India, South Africa.
- (4) Progress made concerning papers for PROGRAMME.
- (5) Decided to have excursions (a) For geologists only, one to Niagara Falls, one to E. Ontario, and one to mining districts of Sudbury, Cobalt, Porcupine. (b) Possibly geological excursion during Western Excursion.
- (6) Meeting rooms: Rooms 64 and 65 Mining Building

(3) Section X (Botany)

(1) Two meetings have been held, and Chairman has interviewed staffs at Guelph in Botany and Agronomy, also Pres. Reynolds re meeting of Section "X" at Edmonton during Western Excursion.

(2) Considered suggestions re programme and invitation list:

- (1) Session on Palaeobotany
- (2) One or two sessions on plant pathology
- (3) A session on crop ecology and physiology
- (4) A session on translocation of food materials (raw and manufactured) in trees.
- (5) A session on forestry
- (6) A session on scientific problems of food storage
- (7) A joint session of botany and zoology on genetics

(3) If Edmonton meeting be possible:

A session on wheat rust problems.

Letter dated 15th Nov/23 from Chairman advising that as Prof. F. B. Thomson, Secretary, is away and will not return until February, all correspondence for the Secretary may be addressed to:

Dr H. B. Sifton, Dept of Botany

until further notice.

(4) Section M (Agriculture)

A. M. Porter, Registrar, Ontario Agricultural College, Guelph, to be Secretary

Copy of article in "Science" of 26th October 1923, under heading of "Scientific Events"

The Liverpool Meeting of the British Association

The meeting of the British Association which concluded on September 19th, was in many ways notable, and marked the successful introduction of various changes in the local and scientific proceedings. In point of numbers it was the third largest meeting (Australia in 1914 excepted) in the long history of the association, but the actual number of tickets taken is not the only criterion for success. Figures are, however, of some value; for one of the objects of the association, namely, to spread knowledge of science and what it stands for, can be most successfully accomplished by an appeal to the public receiving ready response.

While the membership numbered 3,236, not less than 15,000 people attended the free public lectures in Liverpool and the surrounding boroughs, while more than 7,000 paid admission to the Scientific Exhibition held under the auspices of the association in the Central Technical School on September 10-22, and this number does not include members of the association itself, who were admitted free.

Further, the sectional meetings were almost all not merely well attended but often overcrowded, a condition which spoke well for the enthusiasm for scientific knowledge among the members, but also illustrated the attractiveness of the programmes.

The inaugural meeting, when the president delivered his address, was remarkable for the fact that the whole proceedings were broadcast, and in two halls in Liverpool the wireless version was accompanied by lantern illustrations identical with and shown simultaneously with the originals shown during the address itself in the Philharmonic Hall. The address was well heard in most parts of the British Isles, and was even picked up so far away as Switzerland. This is, indeed, an example of the development of physical science since the last Liverpool meeting held in 1896.

The place of the customary second evening lecture was taken by a most successful scientific soiree given by the local committee of the university. A wonderful series of experimental and other exhibits had been arranged and a most comprehensive programme had been prepared but unfortunately, owing to the awkward lay-out of the university buildings, it must have been nearly impossible for very many of the large and enthusiastic gathering to see properly one half of all the interesting things on view, or to hear many of the excellent series of lectures. Such a soiree, however, is full of value and was greatly appreciated, and the excellence of all the arrangements at it reflected the greatest credit on all those concerned in its organisation.

BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE
NINETY-SIXTH CONGRESS (Toronto) MEETING
September 3rd - 10th 1924

Progress Report and Digest of Sectional Committee Reports:

- (1) Section D (Zoology) Prof. Bonsley was elected chairman
Prof. E.M. Walker was elected secretary
- Organisation: A local Toronto committee formed, and
A Canadian Advisory Committee.
- A questionnaire was sent to members of the latter as follows:
- (1/ What phase of zoology should be emphasized?
 - (2) What arrangements be suggested for co-operation with others and other Sections, e.g., Botany, Agriculture, Physiology, Anthropology?
 - (3) What subjects will you wish to present or to have presented by your institution?
 - (4) What zoologists do you suggest be invited? Give from Great Britain, three from the United States
- (2) Section E (Geography) Mr Lynch has been asked by the Chairman of the Executive Committee to convene a general meeting.
- (3) Section C (Engineering)
- (1) General organisation meeting held 5th Nov. Brig. Gen. C.F. Mitchell elected chairman. Prof. F.R. Loudon elected secretary.
 - (2) Recommended to Local General Committee as follows:
 - (a) Canada has certain basic engineering problems, therefore eminent authorities should be asked to prepare papers on these. Other papers might be prepared in Canada on subjects such as Transportation (rail, water, air), Water Power, Mining, Communication (including radio)
 - (b) During excursions in Northern Ontario and Western Canada the Engineering Section be enabled to see engineering projects, possibly in conjunction with other Sections.
 - (c) Local arrangements to include one day at Welland Canal and Niagara Falls, and visit to Toronto Harbour and other local points of interest.
- (4) Section M (Agriculture) Letter of October 31st (O 47) draws attention of the Hon'y. Secretary to the fact that the agricultural faculty will be busy in Canad'n Nat'l Exhibition during the meeting.
Deals with programme. Local excursion arrangements to Ont Agricultural College, Niagara district, various stock farms, etc Secretary not yet decided upon.
- (5) Section L (Education) Meeting held 31st Oct. Dean Pakenham elected chairman. British invitations recommended. American invitations suggested
- (6) Finance & Transportation Associate Committee Mr D.B. Hanna invited to be chairman. Other gentlemen as members. All to meet Local Gen'l Committee
- (7) Section B (Chemistry) (OVER) L. Elected

(Confidential and subject to amendment)

THE BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE
NINETY-SECOND (Toronto) MEETING
September 3rd - 10th 1924

SECTIONAL OFFICERS

SECTION A: Mathematics and Physics

President: Sir William H. Bragg, K.B.E., D.Sc., F.R.S.
Royal Institution, 21 Albemarle St. W. 1.

Vice-President: Prof. J. C. McLennan, F.R.S., University, Toronto

Recorder: Prof. A. O. Rankine, Imperial College of Science and
Technology, South Kensington, S.W. 7

Secretaries: H. A. Giblett (of Meteorological Dept. Air Ministry)
12 Neeld Crescent, Wembley Hill
Prof. H. P. Masso, University, Bristol
J. Jackson, Royal Observatory, Greenwich, S.E. 10
Prof. A. M. Tyndall, University, Bristol

Local Secretary: Prof. J. P. Burton, University, Toronto

SECTION B: Chemistry

President: Sir Robert Robertson, K.B.E., D.Sc., F.R.S. (Govern-
ment Chemist) 29 Charlton Rd. Blackheath, S.E. 3

Vice-President: Prof. P. G. Donnan, C.B.E., F.R.S., Univ. Coll.
London

Recorder: Prof. C. E. Dosch, F.R.S., University, Sheffield

Secretary: Dr H. McCombie, Kings College, Cambridge

Local Secretary: Prof. J. G. R. Ardagh, University, Toronto

SECTION C: Geology

President: Dr C. J. Andrews, F.R.S., British Museum (Natural
History), Cromwell Road, S.W. 7
(whom failing, Prof. J. W. Watts, F.R.S.)

Vice-President: Dr Gertrude Elles, Newnham College, Cambridge

Recorder: Prof W. P. Gordon, Kings College, Strand, W.C. 1

Secretary: Prof. C. Hickling, Dalegarth, Romiley, Stockport

Local Secretary: Prof. B. S. Moore, University, Toronto

SECTION D: Zoology

President

Prof. G. Elliot Smith, M.D., F.R.S., 31 Belsize Crescent, N.W. 3
(whom failing, Prof. R. Newstead)

Vice-President: Prof. J. H. Ashworth, F.R.S., 69 Braid Avenue, Edinburgh

Recorder: Prof. R. D. Laurie, Dept. of Zoology, University College,
Aberystwyth

Secretary: F. Balfour Browne, Dysart House, Iuard Rd. Cambridge

Local Secretary: Prof. E. H. Walker, University, Toronto
(corrected according to our records)

List of Sectional Officers: 2
SECTION F: Geography

President: Rt. Hon. Sir Frederick Lugard, P.C.G.C.M.G., D.S.O.
51 Rutland Gate, S.W.7
(whom failing, Prof. J.P. Gregory, F.R.S.)
Vice-President: Dr Vaughan Cornish, Inglowood, Camberley
Recorder: Dr R.H. Rudmose Brown, University, Sheffield
Secretaries: W.E. Barker, 12 Wolsley Place, Withington, Manchester
F. Debenham, 152 Chesterton Road, Cambridge
Local Secretary: Prof. C.R. Cornish, University, Toronto
(corrected according to our records)

SECTION F: Economics

President: Sir William Ashley, University, Birmingham,
(whom failing, Prof. D.E. MacGregor)
Vice-President: Sir W.N. Beveridge, K.C.B., 27 Bedford Gardens, W8
Recorder: Prof. E.H. Hallsworth, Armstrong College, Newcastle-on-Tyne
Secretaries: A. Radford, 67 Edward Rd. West Bridgford, Notts.
R.D. Forrester, Marischal College, Aberdeen
Local Secretary: Prof. C.R. Fay, University, Toronto
(corrected according to our records)

SECTION G: Engineering

President: Prof. G.W.O. Howe, University, Glasgow
Vice-President: Sir Henry Fowler, K.B.E., Chief Mechanical Engineer's Office, L.M.S. Rly. Derby
Recorder: Prof. F.C. Lea, 36 Mayfield Road, Moseley, Birmingham
Secretaries: Prof. H. Bacon, University College, Swansea
J.B. Wilson, Widnerpoole, Grove Rd. Sutton, Surrey
Local Secretary: Prof. F.R. Loudon, University, Toronto

SECTION H: Anthropology

President: Dr F.C. Shrubbsall, Public Health Dept. L.C.C., County
Hall, S.E.1
Vice-President: Prof. P.J. Newberry, O.B.E., Oldbury Place, Igham,
Recorder: E.H. Fallaize, Vinchelez, Chase Court Gardens, Kent
Enfield, Middlesex
Secretary: Miss R.M. Fleming, 1 Marine Terrace, Aberystwyth
Local Secretary: Dr Edward Sapir, Victoria Memorial Museum, Ottawa
(Corrected according to our records)

SECTION I: Physiology

President: Dr H.E. Dale, Mount Vernon House, Hampstead, N.W.3
(failing whom, Prof. J.B. Leathes)
Vice-President: Prof. G.E.F. Nuttall, F.R.S., Longfield, Madingley Rd.
Recorder: Prof. C. Lovatt Evans, Physiological Laboratory - Cambridge
tury, St Bartholomew's Medical College, E.C.1
Secretaries: Dr J.E. Burn, The Brown Cottage, Feldon, Boxmoor
Prof. H.S. Raper, 5 North Parade, West Park, Leeds

SECTION J: Psychology

President: Prof. W. Macdougall, Emerson Hall, Harvard, Cambridge, Mass.
(whom failing, Prof. F.E. Pear)
Vice-President: C. Burt, 30 Princess Rd. Regent's Park, N.W.1
Recorder: Dr H. Wynn Jones, 7 St Mary's Avenue, Earrogate
Secretaries: R.J. Bartlett, King's College, Strand, W.C.2, Dr S. Dawson,
Coila, Thorn Drive, Bearsden, Dumbartonshire, or
Dr G.H. Miles, Burlington, Richmond Rd. East. New Barnet
Local Secretary: Prof. E.A. Bott, University, Toronto

List of Sectional Officers 13

SECTION E: Botany

President: Prof. V.H. Blackman, F.R.S., Imperial College of
Science and Technology, S.W.7

Vice-President: A.C. Mansley, F.R.S., Grantchester, near Cambridge

Recorder: E.T. Brooks, 31 Teison Avenue, Cambridge

Secretaries: Prof. J. McJean Thompson, University, Liverpool
Dr W. Robinson, University, Manchester

Local Secretary: Prof. R.D. Thomson, University, Toronto

SECTION F: Education

President: (appointment deferred)

Vice-President: Prof. F.P. Hunn, London Day Training College,
Southampton Row, W.C.1

Recorder: D. Berridge, The College, Malvern

Secretaries: C. L. Browne, Christ's Hospital, West Horsham;
Dr Lilian Clarke, Daisy Meadow, Brasted, Chart,
Kent

Local Secretary: Prof Peter Sandiford, University, Toronto

SECTION M: Agriculture

President: Sir John Russell, O.B.E., F.R.S., Rothamsted
Experimental Station, Harpenden, Herts.

Vice-President: Dr C. Crowther, Harper Adams Agricultural
College, Newport, Salop

Recorder: C.C.J. Morison, School of Rural Economy, Oxford

Secretaries: Dr G. Scott Robertson, Queen's University, Belfast,
T.S. Dymond, 14 Albany Road, St Leonards-on-Sea

Local Secretary: A.M. Porter, Ontario Agricultural College,
Guelph
(corrected according to our records)

November 15th, 1923.

Professor John C. McLennan,
Room 50, Physics Building,
University of Toronto,
Toronto, Ont.

Dear Professor McLennan:-

I duly received your letter of the 13th of November asking me to accept the Chairmanship of the Local Associate Committee of the British Association for the Advancement of Science in this district.

I shall be glad to receive information as to the suggestions you have to make regarding the work of the Associate Committees. I presume that this information will give me some idea of the numbers of which such committees have generally consisted in the past.

I should also be glad if you would let me know as early as possible how many members of sectional or other committees associated with you will be included, in order that the Montreal Committee may not become too unwieldy.

Yours faithfully,

Principal.

THE BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE
NINETY-SECOND (Toronto) MEETING
August 6th-13th 1924

Sectional offices accepted, to date November 29, 1923

Section	President	Vice-President	Recorder	Secretaries
A	Sir Wm. Bragg	(x)	Prof. A.O. Rankine	M.A. Giblett Prof. H.R. Hassé J. Jackson Prof. A.M. Tyndall Dr H. McCombie
B	Sir R. Robertson	Prof. F.G. Donnan	Prof C.H. Desch	
C	Dr C.W. Andrews (provisional)	Dr Gertrude Elles	Prof. J.T. Gordon	(x)
D	Prof G. Elliot Smith (not confirmed)	(x)	Prof R.D. Laurie	F. Balfour Browne
E	Prof J.W. Gregory	Dr Vaughan Cornish	Dr Rudmose Brown	W.H. Barker F. Debenham
F	Sir W. Ashley	Sir W.E. Beveridge	Prof H.M. Halls- worth	A. Radford
G	Prof G.W.O. Howe	Sir H. Fowler (provisional)	Prof F.C. Lea	(x)
H	Dr F.C. Shrubbsall		(x)	Miss R.M. Fleming
I	Dr H.E. Dale	Prof G.H.F. Nuttall	Prof C. Lovatt Evans	Dr J.H. Burn Prof H.S. Raper
J	(x)		Dr Ll. Wynn Jones	R. J. Bartlott Dr S. Dawson Dr W. Robinson
K	Prof V.H. Blackman	A.G. Tansley	F.F. Brooks	
L		(x)	D. Barridge	C.E. Browne Dr Lillian Clarke
M	Sir J. Russell	Dr C. Crowther (provisional)	C.G.T. Morison	Dr G. Scott Robertson T.S. Dymond

(Replies to invitations are awaited in the case of offices marked (x))

Please forward attached in the following order, last one to return to Principal's Office.

Dr. Adams,

Professor Lloyd,

Dr. Martin, Dean of Medicine,

Dr. Harrison, Macdonald College.

(Papers re British Association for
Advancement of Science.)

Principal's Secretary.

The British Association for the Advancement of Science

92nd (Toronto) Meeting, September 3rd to 10th, 1924

CHAIRMAN OF THE LOCAL GENERAL
AND EXECUTIVE COMMITTEES:

PROF. J. C. MCLENNAN, PH.D.,
D.Sc., LL.D., F.R.S.

LOCAL HONORARY SECRETARIES:

PROF. J. C. FIELDS, B.A., PH.D.,
F.R.S.

PROF. J. J. R. MACLEOD, M.B.,
CH.B., D.Ph., F.R.S.

LOCAL ASSISTANT SECRETARY:

MAJOR J. M. MOOD, O.B.E., M.C.

OFFICE:

ROOM 50,
PHYSICS BUILDING,
UNIVERSITY OF TORONTO,
TORONTO.

TELEPHONE TRINITY 5000

IMPERIAL CABLE ADDRESS:

RAMSMAC,
TORONTO.

Toronto, 29th November 1923

ack
Dear Sir Arthur:

In answer to your letter of 15th instant I am sending you notes on the work of District Committees, together with certain enclosures, all of which I hope will give you the information you require.

(1) THE OBJECTS which the central organization have in mind are:

- (a) The MEETING itself, in Toronto
- (b) Certain EXCURSIONS in Canada

(2) For these objects the organization consists of:

- (a) SECTIONAL COMMITTEES ... corresponding to the Sections of the British Association and concerned with the SCIENTIFIC SIDE :
- (b) ASSOCIATE COMMITTEES ... concerned with ORGANIZATION for the Meeting :
- (c) DISTRICT COMMITTEES ... to assist Committees as in (a) and (b) in their respective areas :

(3) The meeting in Toronto we design to make an outstanding success from the scientific point of view. It is the direct outcome of a combined invitation from our city, the University and from the Royal Canadian Institute; but we rely upon the support of scientific Canada as a whole to ensure success.

In this direction the assistance of the District Committees is essential to us. Now the Sectional Committees, during the preparation of programmes, may require local knowledge or advice -

we shall be able to place them in touch with this through the appropriate District Committee. When these programmes have been formulated and approved once again we may have to call on the District Committees to render operative certain portions of them.

Furthermore, we shall welcome suggestions from the District Committees which, when passed on, may assist Sections in drawing up the programme for the Toronto Meeting.

Finally, we want large membership for the Meeting. We want to see here all those who are interested in science and willing to make the journey. We hope to gain other members from amongst those equally interested but who cannot be present - it will enable us to send them the report of the proceedings. An enclosure gives information on this point.

- (4) It is proposed to try to arrange for certain EXCURSIONS. These may affect the District Committees more directly. I enclose a list of excursions that are under consideration. This list, however, must be regarded as being purely tentative. Nothing has been definitely decided. It may form a preliminary basis for the deliberations of the District Committees.

The help we shall require from our District Committees is the entertainment of such parties of visitors as may visit their areas and their instruction in matters of local interest.

There are one or two points to note:

Firstly, these visits will probably be of short duration, and may run from a few hours to a day or possibly a day and a half.

Secondly, we have in mind that these excursions should be recreational as well as informative - the very mileage to be covered

by people unused to long journeys may prove a trial to them ... the entertainment provided en route should not be of too exhaustive a nature

Thirdly our aim is to send the visitors back to their own lands in due course with a concise and clear idea of what Canada is; its potentialities, its characteristic features. If they have been shown all that is typical and essentially characteristic to the Dominion, everything in its appropriate district, they will carry home the mental picture we are endeavouring to paint for them.

Fourthly, we want to introduce the personal element without which the picture would be incomplete. Our overseas visitors should meet Canadians in friendly intercourse. We have to rely on District Committees to arouse local public interest in a display of hospitality and welcome.

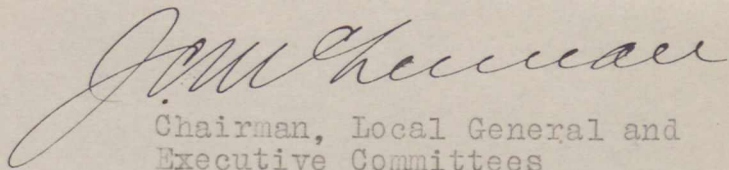
We should like you to interest the local branches of such societies and clubs as the Rotary Clubs, the Kiwanis, the Daughters of the Empire, and so on. They should prove of the utmost assistance.

Meanwhile we have just been informed by Mr Vincent Massey that you are the Vice-Chairman of the Montreal Committee of the National Council of Education. It seems that the scope of your Committee covers, in large measure, the work we require of our District Committees. We should like you to invite the cooperation of your Educational Committee and then will you forward your views as to how far we may rely on its aid? I may say that Mr Massey and Major Ney, the Secretary, have promised us all the assistance in the power of the National Council of Education, and a letter is being written to their local committees on our behalf.

General Sir Arthur Currie - 4

I enclose a list showing the President for the Toronto Meeting and the Vice-Presidents which we have nominated. If any of these gentlemen reside in your District I would suggest that you include them in your Committee.

Yours sincerely



Chairman, Local General and
Executive Committees
The British Association for the
Advancement of Science

General Sir Arthur Currie, G.C.M.G., K.C.B., LL.D.

McGill University

Montreal, P.Q.

(Enclosures)

December
Sixth
1923.

Professor J. C. McLennan, Ph.D., D.Sc., LL.D.,
Chairman of the Local, General and
Executive Committee,
British Association for the Advancement of Science,
Toronto, Ont.

Dear Professor McLennan:

I have your letter of the
4th of December and have to advise you that I have no
objection whatever to Professor Tait acting as the
official representative of Section J in this District.
He will be placed on the Committee accordingly.

Yours faithfully,

Principal

The British Association for the Advancement of Science

92nd (Toronto) Meeting, September 3rd to 10th, 1924

CHAIRMAN OF THE LOCAL GENERAL
AND EXECUTIVE COMMITTEES:

PROF. J. C. MCLENNAN, PH.D.,
D.SC., LL.D., F.R.S.

LOCAL HONORARY SECRETARIES:

PROF. J. C. FIELDS, B.A., PH.D.,
F.R.S.

PROF. J. J. R. MACLEOD, M.B.,
CH.B., D.PH., F.R.S.

LOCAL ASSISTANT SECRETARY:

MAJOR J. M. MOOD, O.B.E., M.C.

OFFICE:

ROOM 50,
PHYSICS BUILDING,
UNIVERSITY OF TORONTO,
TORONTO.

TELEPHONE TRINITY 5000

IMPERIAL CABLE ADDRESS:

RAMSMAC,
TORONTO.

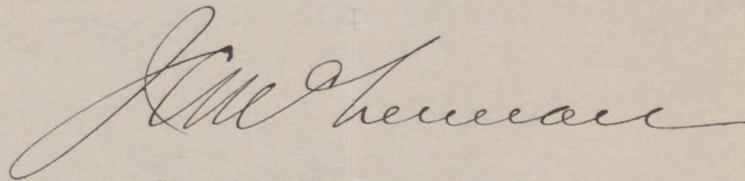
TORONTO . 4th December 1923 .

The Chairman,
Montreal District Committee .

Dear Sir Arthur Currie,

The Local Secretary of Section J, (Psy-
-chology), has been conferring with Professor Wm Tait of McGill
University and has obtained his consent to act as the official
representative of Section J in your District . I should like
to suggest, therefore, that you include him on your District
Committee if you are so disposed .

Yours Sincerely



Chairman of the Local
General and Executive Committee
British Association for the
Advancement of Science .

The British Association for the Advancement of Science

92nd (Toronto) Meeting, September 3rd to 10th, 1924

CHAIRMAN OF THE LOCAL GENERAL
AND EXECUTIVE COMMITTEES:

PROF. J. C. MCLENNAN, PH.D.,
D.Sc., LL.D., F.R.S.

LOCAL HONORARY SECRETARIES:

PROF. J. C. FIELDS, B.A., PH.D.,
F.R.S.

PROF. J. J. R. MACLEOD, M.B.,
CH.B., D.Ph., F.R.S.

LOCAL ASSISTANT SECRETARY:

MAJOR J. M. MOOD, O.B.E., M.C.

OFFICE:

ROOM 50,
PHYSICS BUILDING,
UNIVERSITY OF TORONTO,
TORONTO.

TELEPHONE TRINITY 5000

IMPERIAL CABLE ADDRESS:

RAMSMAC,
TORONTO.

(Montreal District
Committee)

Toronto, 7th December 1923

Dear Sir:

The local secretary of Section "L" (Education) has
asked us to forward to you the name of :

Sinclair Laird, Esq.
Professor of Education, Macdonald College

They would like him to be included as a member of your
Committee to represent the interests of their Section.

Yours sincerely

for.

J. C. McLennan
as Secy
Chairman, Local General and
Executive Committees
The British Association for
the Advancement of Science

General Sir Arthur Currie

McGill University

Montreal, Que

C O P Y.

UNIVERSITY OF LONDON, UNIVERSITY COLLEGE,

Gower Street, London, W.C.I.

December 12th, 1923.

My Dear Lea:-

I daresay you are aware that the British Association is to hold a Meeting at Toronto next year, and the time is now fixed to be from Aug. 6 - 13th. At the Meeting of the organizing Committee held in London last Saturday I suggested that you should be asked to contribute a paper on the hydraulic schemes in connection with the St. Lawrence, and Prof. F.C. Lea of Birmingham and Recorder of the Engineering Section will no doubt write to you about this in the course of a few days.

I suggested also that it would be of great interest to our Section if the members assembled in Montreal a sufficient time before the meeting to make their way to Toronto via the St. Lawrence, visiting all the important points along the route where there are power stations, and where hydraulic developments are proposed. This would be of great educational value to us, as here we have little actual first hand knowledge of great schemes of power development, and it would stimulate an active discussion at the Meetings. It would also enable the members taking part in this excursion to disseminate knowledge regarding this project on reaching home.

I should therefore be greatly obliged if you will give the Organizing Committee the benefit of your advice as to the best way of carrying out this project.

We should be rather a small party, possibly 20. The organizing Committee is approximately as follows:-

Prof. G.W.O. Howe.	President of the Engineering Section.
Sir J.B. Henderson.	Vice-President.
Prof. F. C. Lea.	Recorder.
Prof. A.F. Robertson.)	Secretaries.
Mr. J. S. Wilson.)	
Prof. C.F. Jenkin.	Past President.
Sir Henry Fowler.	do.
Prof. E.G. Coker.	do.
Prof. Philpot.	
Prof. E.W. Marchant.	
Prof. Gibson.	

MACDONALD COLLEGE.

PRINCIPAL'S OFFICE

RAILWAY STATIONS, EXPRESS AND TELEGRAPH OFFICES:
STE. ANNE DE BELLEVUE, QUE.

POST OFFICE:
MACDONALD COLLEGE QUE., CANADA.

Sir Arthur Currie, LL.D., G.C.M.G.,
Principal, McGill University,
Montreal, P. Que.

4th January, 1924.

Dear Sir Arthur:-

I am returning the advance information with regard to the meeting of the British Association for the Advancement of Science, to be held at Toronto this year. I am surprised at the date of this being September 3rd to 10th, as I had heard from other sources that it was to take place the last week in August.

I presume that the general policy of the University is to be as strongly represented in the various sections as possible, and hence I have brought it to the attention of those departments of Macdonald College which are more immediately concerned, and have told the Heads to put themselves in communication with the local secretaries.

If there is anything more that you wish done in this connection, I shall be glad to know.

Faithfully yours,

J. Harrison,
Principal.

L.

January 29th, 1924.

Professor J. C. McLennan,
Department of Physics,
University of Toronto,
Toronto, Ont.

Dear Professor McLennan:-

I have heard unofficially that the meeting of the British Association is now to be held in August and not in September, as previously expected. I should be very glad to know whether it is true that the date has been changed and what the correct date is.

With reference to the formation of a committee in Montreal, it appears to me very unlikely that many people will stop in Montreal on the way to Toronto and, moreover, that on their return they will probably be pretty well scattered. It does not seem, therefore, that a district committee in Montreal would be in a position at present to make any definite arrangements whatever. My own impression is that it would be much better if, during the Toronto meeting, you could arrange to obtain information as to the number of members who will definitely visit Montreal. If these details could be forwarded to me before the trip to the West commences there will be no difficulty whatever in making suitable arrangements for their entertainment or for any special excursion or visit which might be asked for by any individual.

Yours faithfully,

Principal.

The British Association for the Advancement of Science

92nd (Toronto) Meeting, August 6th to 13th, 1924

CHAIRMAN OF THE LOCAL GENERAL
AND EXECUTIVE COMMITTEES:
PROF. J. C. MCLENNAN, PH.D.,
D.Sc., LL.D., F.R.S.

LOCAL HONORARY SECRETARIES:
PROF. J. C. FIELDS, PH.D., F.R.S.
PROF. J. J. R. MACLEOD, M.B.,
C.H.B., D.PH., F.R.S.

LOCAL ASSISTANT SECRETARY:
MAJOR J. M. MOOD, O.B.E., M.C.

OFFICE:
ROOM 50,
PHYSICS BUILDING,
UNIVERSITY OF TORONTO,
TORONTO.

TELEPHONE TRINITY 5000

IMPERIAL CABLE ADDRESS:
RAMSMAC,
TORONTO.

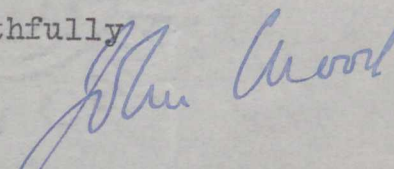
TORONTO, 29th January 1924.

(Montreal District
Committee)

Dear Sir:

The General Committee has had to alter the date of the Meeting to 6th-13th August 1924, for a variety of reasons. Thus, the projected Western excursion will start from Toronto immediately after the Meeting and not, as originally proposed, before the Meeting.

Yours faithfully



Local Secretary

General Sir Arthur Currie

McGill University

Montreal, P.Q.

University of Toronto

TORONTO, CANADA

DEPARTMENT OF PHYSICS

Toronto. January 31, 1924.

Dear Sir Arthur,

I have your letter of January 29. In regard to the points you mention particularly about the date of the meeting of the British Association, it was at first intended to hold the meeting early in September. Then, from steamship considerations, we suggested to the Old Country people to change it to early in August. This met with their hearty support. No sooner, however, had we reached this decision than we learned that it was not convenient for many professors from the United States to come to the meeting early in August on account of the Summer Sessions which are carried on in various Universities until late in August. This rather upset our plans, moreover we found that it did not appeal to the mathematicians in the foreign countries to come to the International Congress of Mathematicians early in August, so the whole thing was up in the air. However the representative of the British Association from Great Britain is now in Toronto, and he is sitting tight on the holding of the meeting of the British Association from August 6 to 13, and at a meeting held here on Tuesday last it was decided finally to accept the situation so that the British Association will meet in Toronto on August 6 and carry on until August 13. We are now endeavouring to make arrangements with the Old Country mathematicians to hold the Congress from August 11 to August 16 partially overlapping the British Association meeting.

University of Toronto

TORONTO, CANADA

DEPARTMENT OF PHYSICS

-2-

If we cannot do this we will have to hold the Mathematical Congress meeting early in September.

We are planning an excursion across Canada leaving Toronto about August 16, and so if the meeting of the Congress is held early in September it will be at the time when this excursion gets back. I had a talk yesterday with Mr. D.B.Hanna and others who are supporting us and I read them your letter. They take the view you have expressed that probably we should confine any formal reception to the British Association to what may be called the official party. This would mean that any formal reception in Quebec would be tendered to the President and to those with him. Three or four boats are sailing from Great Britain between the 24th and 26th of July and these should all arrive in the St. Lawrence somewhere about the same time, but some stop at Quebec and others go up to Montreal. That means that the party will be divided so that any formal reception that can take place at say, Montreal or Ottawa, would likely only be a partial affair at best. We appreciate very much the interest you have taken in this matter and I and all associated will endeavour to arrange to have the British Association people, in as large numbers as possible visit you at McGill at some time suitable to you and to them after the meeting. I am sorry I cannot write more definitely about the matter but you will understand that there are so many factors involved,

University of Toronto

TORONTO, CANADA

DEPARTMENT OF PHYSICS

-3-

so many clashing interests concerned, and so many people pulling in different directions that one has just to seek the easiest way through and do the best one can.

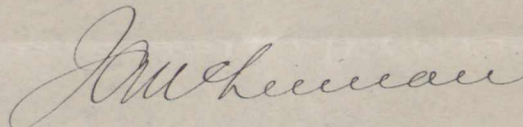
I am to be in Montreal on Wednesday next and I should be glad, if you are not too busy, if you could afford me an opportunity of calling on you, when we can talk over this and other matters at greater length.

With kindest regards,

I am,

Yours sincerely,

Sir Arthur Currie
Principal,
McGill University,
Montreal, P.Q.



January 31st, 1924.

Vernon G. Cardy, Esq.,
Manager, Mount Royal Hotel,
Montreal.

Dear Mr. Cardy:-

I beg to acknowledge and to thank you for your letter of January 30th with reference to the visit of the British Association for the Advancement of Science to Montreal.

I have written to the Chairman of the Association in Toronto to ascertain, if possible, the plans of the delegates. I shall be very pleased to have your co-operation in entertaining them should they decide to visit Montreal.

Yours faithfully,

Principal.



MOUNT ROYAL HOTEL

MONTREAL, CANADA

January thirtieth
1 9 2 4

Sir Arthur Currie,
McGill University,
MONTREAL.

My dear Sir Arthur:

I understand that the British Association for the Advancement of Science will meet in Toronto during the week commencing August 6th next, and that there will be a large number of delegates from Great Britain, possibly sufficient to charter a steamship, which I am informed, will enter a Canadian port.

I was wondering if it would be possible to have these delegates spend a few days in Montreal on the way to the Convention or on their return, and as a suggestion, what could be finer than to have them spend this time at the largest hotel in the British Empire?

This will probably give you an opportunity to add greatly to the interest of our British friends visiting Canada.

We are in a position to extend golfing privileges, sight-seeing tours around the Island, etc. etc.

I shall be glad to co-operate with you should you have any suggestions to make in securing their patronage for Montreal.

Yours faithfully,

THE MOUNT ROYAL HOTEL COMPANY LIMITED,

Manager.

VGC/E.

March 28th 1924.

Dr. F. C. Harrison,
Principal of Macdonald College,
Ste. Anne de Bellevue, Que.

Dear Dr. Harrison,

I send you herewith some
notices regarding the British Association for the
Advancement of Science Meeting.

Will you be good enough to have
them put up at the College.

Yours faithfully,

Wilfrid Bovey.

February 2nd, 1924

Professor J. C. McLennan,
Department of Physics,
University of Toronto,
Toronto, Ont.

Dear Professor McLennan:-

The Principal has asked me to acknowledge receipt of your letter of January 31st with reference to the meeting of the British Association, and to say that he will be very pleased to see you at his office on Wednesday morning next at ten o'clock.

Yours faithfully,

Principal's Secretary.

CANADIAN PACIFIC RAILWAY COMPANY'S TELEGRAPH



TELEGRAM

1027

CABLE CONNECTIONS TO ALL THE WORLD

J. McMILLAN, General Manager of Telegraphs, Montreal.

W 418 RN E 25 NL

KINGSTON ONT FEB 5/24

SIR ARTHUR CURRIE

MCGILL UNIVERSITY MONTREAL QUE

BRITISH ASSOCIATION HAS CHANGED DATE FROM SEPTEMBER TO SIX THIRTEENTH
 AUGUST IN TORONTO WOULD FOURTEENTH AND SIXTEENTH AUGUST IN TORONTO SUIT
 YOU FOR UNIVERSITIES CONFERENCE

BRUCE TAYLOR

810PM

*f 20 - For any on - 9-1-24 res. a w currie
 holding of Meeting in Toronto August - satisfactory so far as I
 am concerned signed a w currie*

BRITISH ASSOCIATION
FOR THE
ADVANCEMENT OF SCIENCE

Toronto Meeting

1924

Wednesday, August 6

to

Wednesday, August 13

PRELIMINARY PROGRAMME
TERMS OF MEMBERSHIP

.....
: *This Programme* :
: *conveys a cordial* :
: *invitation to take* :
: *up Membership* :
: *and attend the* :
: *Meeting.* :
: :

TORONTO :

Hon. Local Secretaries,
British Association,
University.

LONDON, ENGLAND :

British Association,
Piccadilly, W. 1.

BRITISH ASSOCIATION
FOR THE
ADVANCEMENT OF SCIENCE

Toronto Meeting
1924

Wednesday, August 6

Wednesday, August 13

PRELIMINARY PROGRAMME
TERMS OF MEMBERSHIP

TORONTO :
Hon. Local Secretary,
British Association,
University
.....
LONDON, ENGLAND :
British Association,
Portland W. 1
.....
The Programme :
copies a card
invitation to take
up membership
and attend the
meeting
.....

CANADIAN NATIONAL RAILWAYS



THE IDEAL ROUTE TO SEE CANADA

The Canadian National Railways pass through the principal fishing, hunting and holiday resorts, as well as the industrial centres and best agricultural areas of the Dominion. The route crosses the Canadian Rockies at the lowest altitude, with the lowest gradients, and in view of Canada's highest peaks.

Ask us to suggest an itinerary for you

OCEAN BOOKINGS BY ALL LINES

For particulars, write or call—

CANADIAN NATIONAL RAILWAYS

European Head Office—17-19, Cockspur Street, London, S.W. 1.
LONDON, E.C. 3—44-46, Leadenhall St. GLASGOW—75, Union Street.
LIVERPOOL—20, Water Street. NEWCASTLE—7, Royal Arcade.
MANCHESTER—40, Brazennose Street. BELFAST—74, High Street.

Why worry about the difficulties you are anticipating in connection with your tour to CANADA ?

Place your requirements with us.

We are AGENTS for the CUNARD, WHITE STAR, C.P.R. & R.M.S.P. Shipping Lines.

We obtain PASSPORTS, RENEWALS, ENDORSEMENTS or VISAS.

We reserve HOTEL ACCOMMODATION.

We insure BAGGAGE.

We give our PERSONAL SERVICE and have an INTIMATE KNOWLEDGE of CANADA.

THE FRANCO-BELGIQUE TOURS

(An Anglo-American Organisation).

1, ALBEMARLE STREET (Piccadilly), W. 1.

New York : 1476 Broadway. Paris : 4, rue Edouard VII. Brussels : 5, Place de Brouckere. Nice : Hotel Ruhl. Naples : Grand Hotel.

Agents in CANADA and all principal Centres.

WHITE STAR- DOMINION LINE

TO

CANADA

BY

Large and Fast Cabin Steamers

(Carrying Cabin and 3rd Class Passengers only)

including the Magnificent Liners
"DORIC," "REGINA," "PITTSBURGH,"
"MEGANTIC," "CANOPIC," and "CANADA."

**REGULAR SAILINGS FROM
LIVERPOOL, SOUTHAMPTON
GLASGOW, BELFAST and
QUEENSTOWN**

Sailings:

LIVERPOOL—QUEBEC—MONTREAL.

*REGINA.....	June 5	*REGINA.....	July 4
†CANADA.....	June 13	†CANADA.....	July 11
*†DORIC.....	June 21	*DORIC.....	July 18
†MEGANTIC.....	June 27	†MEGANTIC.....	July 25
*REGINA.....	August 1		

* Calls at Belfast following day. † Calls at Glasgow following day.

SOUTHAMPTON—HALIFAX, N.S.

(Via CHERBOURG)

CANOPIC.....	June 7	CANOPIC.....	July 12
PITTSBURGH.....	June 28	PITTSBURGH.....	August 2

LIVERPOOL—QUEENSTOWN—HALIFAX, N.S.

CELTIC..... Sat. June 14

(Carrying First, Second and Third Class passengers.)

For further particulars apply:

WHITE STAR-DOMINION LINE, Liverpool, Southampton,
Glasgow, Birmingham, Belfast, Queenstown; 1, Cockspur
Street, S.W. 1, and 38, Leadenhall Street, E.C. 3, London.



CANADIAN PACIFIC



STEAMERS.

HOTELS.

TRAINS.

ST. LAWRENCE RIVER ROUTE : SHORT SEA PASSAGE

Regular Fast Services from Liverpool, Belfast, Glasgow, Southampton, Hamburg, Antwerp and Cherbourg to Quebec and Montreal.

A FAMOUS FLEET OF SPLENDID SHIPS

Empress of Scotland, 25,000 tons	Empress of France....18,500 tons
Montlaurier17,000 ,,	Montcalm16,400 ,,
Montrose.....16,400 ,,	Montclare.....16,400 ,,
Montroyal.....15,850 ,,	Minnedosa.....14,000 ,,
Melita.....14,000 ,,	Metagama.....12,600 ,,
Marloch.....10,650 ,,	Marburn.....10,600 ,,
Marglen.....10,450 tons.	

CANADIAN PACIFIC TRAIN SERVICE

MONTREAL ——— 9 HOURS ——— TORONTO

Five Trains a day each way.

	a.m.	a.m.	p.m.	p.m.	p.m.
Leave MONTREAL.....	7.15	9.15	10.00	10.30	11.00
Arrive TORONTO.....	6.25	6.10	7.30	8.00	8.00
	p.m.	p.m.	a.m.	a.m.	a.m.
<hr/>					
	a.m.	a.m.	p.m.	p.m.	p.m.
Leave TORONTO.....	8.50	9.05	9.45	9.50	11.00
Arrive MONTREAL.....	5.40	8.25	7.25	7.00	8.00
	p.m.	p.m.	a.m.	a.m.	a.m.

Particulars of special rates or suggestions for extended tours in Canada or United States for members of the British Association attending the Conference in Toronto will gladly be furnished on application to any of the under-mentioned Canadian Pacific Offices—

EUROPEAN HEAD OFFICE, 62/65, Charing Cross, Trafalgar Square, LONDON, S.W. 1.

LONDON, E.C.—103, Leadenhall Street.

LIVERPOOL—Royal Liver Building, Pier Head.

BRISTOL—18, St. Augustine's Parade.

MANCHESTER—31, Mosley Street.

BELFAST—41-43, Victoria Street.

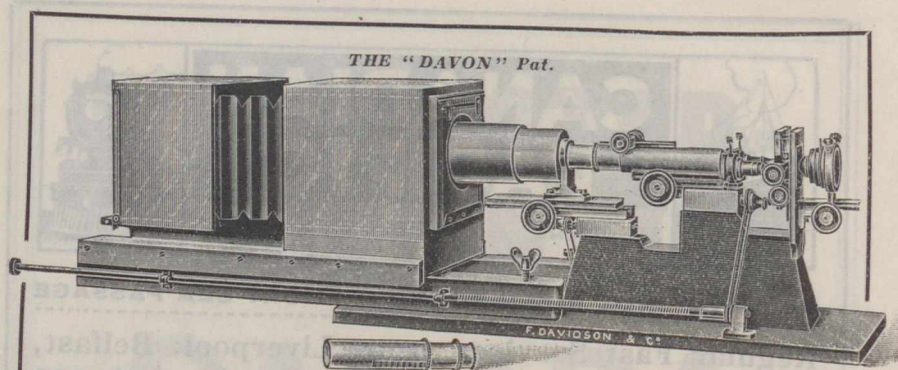
Etc.

BIRMINGHAM—4, Victoria Square.

SOUTHAMPTON—Canadian Pacific Building, Canute Road.

GLASGOW—25, Bothwell Street.

DUNDEE—88, Commercial Street.



The apparatus combines the functions of the microscope, telescope, camera and projecting lantern for laboratory, educational and industrial purposes.

DEPTH OF FOCUS is a striking characteristic visually and photographically.

The Super-Microscope has been specially constructed for the most critical research work, visual and photographic, in bacteriology and metallography.

"We have seen a number of photo-micrographs taken with the Super-Microscope and they excel anything which would be possible with an ordinary microscope."—*Medical Annual*, 1923.

"Your photographs are wonderful. Those of tubercle bacilli, gonococci are most beautiful, surprisingly so. It matters not how they are taken, whether by an orthodox or unorthodox method, they are exceedingly good. The proof of the pudding lies here in the photographs. I need only say, that my opinion of the photographs may be printed or published anywhere."
—Dr. COLES, Author of "Critical Microscopy."

"I am gloating over your photographs and I am going to show them to the County Bacteriologist. I feel that your invention is beyond criticism."—J. B. GROOM, Maidstone.

"That of steel at $\times 3500$ is one of the best I have ever seen at so high a magnification. It does credit to the 'Davon' method. Although this photograph does not show any more detail than that at $\times 1500$, yet it enlarges the detail without loss of definition, one of the points so difficult to obtain with ordinary methods. Those of blood films are the best I have ever seen; they are magnificent, especially the one at $\times 5000$ as I know how difficult it is to get a good view at $\times 3000$, let alone taking a photograph at that magnification."

"Pollen P. Tenax. I am very surprised that you have obtained such a remarkably good photograph at $\times 1000$. I know that the surface of the pollen is not flat and yet you have succeeded in getting it all at practically the same focus."—W. G. ROYAL-DAWSON, Bournemouth.

"Your photograph of 'benign tertian' at $\times 4000$ is the finest ever done. It could not be beaten. It equals in resolution the best yet accomplished at $\times 1500$."—*Pathologist*.

Descriptive brochure with illustrations of photographs free

F. DAVIDSON & CO.

Manufacturing Opticians

(Estd. 1890)

29, Great Portland Street, London, W.1, England

MACMILLAN'S LIST

NOW COMPLETE IN FIVE VOLUMES

A DICTIONARY OF APPLIED PHYSICS

Edited by SIR RICHARD GLAZEBROOK, K.C.B., D.Sc., F.R.S.

In 5 vols. Medium 8vo. Fully Illustrated. £3 3s. net each. Orders for the complete set of five volumes will be accepted through a bookseller at the price of £14 14s. net, payable in advance.

Vol. I. MECHANICS—ENGINEERING—HEAT.

Vol. II. ELECTRICITY.

Vol. III. METEOROLOGY, METROLOGY, AND MEASURING APPARATUS.

Vol. IV. LIGHT, SOUND, AND RADIOLOGY.

Vol. V. AERONAUTICS—METALLURGY—GENERAL INDEX.

** By the recent publication of the fifth volume this great undertaking in scientific literature has been brought to completion. A full, descriptive prospectus of the Dictionary has been prepared which can be obtained through the principal booksellers, or direct from the publishers on application.

SECOND EDITION.

BOTANY OF THE LIVING PLANT. By F. O. BOWER, Sc.D., F.R.S., Regius Professor of Botany in the University of Glasgow. Second Edition. Illustrated. Medium 8vo. 25s. net.

FIFTH ENGLISH EDITION, THOROUGHLY REVISED.

STRASBURGER'S TEXT-BOOK OF BOTANY. Re-written by DR. HANS FITTING, DR. HEINRICH SCHENCK, DR. LUDWIG JOST, DR. GEORGE KARSTEN. Fifth English Edition, revised with the Fourteenth German Edition by W. H. LANG, M.B., D.Sc., F.R.S., Barker Professor of Cryptogamic Botany in the University of Manchester. With 833 Illustrations, in part coloured. Medium 8vo. 31/6 net.

IMPORTANT NEW EDITIONS.

A TREATISE ON CHEMISTRY. By SIR H. E. ROSCOE, F.R.S., and C. SCHORLEMMER, F.R.S. Vol. II. THE METALS. Sixth Edition, completely revised by B. MOUAT JONES, D.S.O., M.A., and Others. In two parts. 8vo. 50s. net.

AN INTRODUCTION TO THE STUDY OF THE COMPOUNDS OF CARBON OR ORGANIC CHEMISTRY. By IRA REMSEN. Revised and Enlarged, with the collaboration of the Author, by W. R. ORNDORFF, Ph.D., Professor of Organic Chemistry, Cornell University. Crown 8vo. 10s. net.

THEORETICAL CHEMISTRY, FROM THE STANDPOINT OF AVOGADRO'S RULE AND THERMODYNAMICS. By Prof. WALTER NERNST, Ph.D. Revised in accordance with the Eighth-Tenth German Edition by L. W. CODD, M.A. Illustrated. 8vo. 28s. net.

The leading
weekly
Scientific
Journal
in the world



NATURE

Price

1/-

** Send for Macmillan's Classified Catalogue, post free on application.

MACMILLAN AND CO., LTD., LONDON, W.C. 2

EDWARD ARNOLD & Co.'s LIST

- GENERAL ASTRONOMY.** By H. SPENCER JONES, M.A., B.Sc., H.M. Astronomer at the Cape of Good Hope. viii + 392 pages, with 102 diagrams and 24 plates. SECOND IMPRESSION. Demy 8vo, **21s.** net.
- ISOTOPES.** By F. W. ASTON, D.Sc., M.A., F.R.S., Fellow of Trinity College, Cambridge. viii + 152 pages, with diagrams and plates. THIRD IMPRESSION. Demy 8vo, **9s.** net.
- PROPERTIES OF STEAM AND THERMODYNAMIC THEORY OF TURBINES.** By H. L. CALLENDAR, F.R.S., Professor of Physics in the Imperial College of Science and Technology. 544 pages, numerous diagrams. 8vo, **30s.** net.
- THE PRACTICE OF RAILWAY SURVEYING AND PERMANENT WAY WORK.** By S. WRIGHT PERROTT, M.A.I., M.Inst.C.E., Professor of Civil Engineering in the University of Liverpool; and F. E. G. BADGER, A.M.Inst.C.E. viii + 304 pages, with 140 diagrams. Demy 8vo, **30s.** net.
- STRENGTH AND STRUCTURE OF STEEL AND OTHER METALS.** By W. E. DALBY, F.R.S., M.Inst.C.E., M.I.Mech.E., University Professor of Engineering at the City and Guilds (Engineering) College. Medium 8vo. With many Plates and Diagrams. **18s.** net.
- RAILWAY ELECTRIC TRACTION.** By F. W. CARTER, M.A., M.I.E.E., British Thomson-Houston Co., Rugby. viii + 412 pages, with 204 illustrations and 10 folding plates. Demy 8vo, **25s.** net.
- THE GEOLOGY OF THE BRITISH EMPIRE.** By F. R. C. REED, Sc.D., F.G.S., formerly Assistant to the Professor of Geology in the University of Cambridge. viii + 480 pages, with 25 maps and sections. Demy 8vo, **30s.** net.
- OIL FINDING : An Introduction to the Geological Study of Petroleum.** By E. H. CUNNINGHAM CRAIG, B.A., F.G.S. SECOND EDITION. SECOND IMPRESSION. xii + 324 pages, 13 plates and 20 illustrations. Demy 8vo, cloth, **16s.** net.
- METALS AND METALLIC COMPOUNDS.** By ULICK R. EVANS, M.A., King's College, Cambridge.
Vol. I. METALLOGRAPHY, ELECTRO-CHEMISTRY. **21s.** net. Vol. II. METALS OF THE "A" GROUPS. **18s.** net. Vol. III. THE TRANSITION ELEMENTS. **14s.** net. Vol. IV. METALS OF THE "B" GROUPS. **18s.** net.
- CHEMICAL DISINFECTION AND STERILISATION.** By S. RIDEAL, D.Sc., F.I.C., and E. K. RIDEAL, M.A., D.Sc., F.I.C. viii + 313 pages. Demy 8vo, **21s.** net.
- FORENSIC CHEMISTRY.** By A. LUCAS, O.B.E., F.I.C., Director of the Government Analytical Laboratory and Assay Office, Cairo. viii + 268 pages. Demy 8vo, **15s.** net.
- MANUAL OF ENTOMOLOGY. With Special Reference to its Economic Aspects.** By H. MAXWELL LEFROY, M.A., Professor of Entomology, Imperial College of Science and Technology. Fully Illustrated. Demy 8vo, **35s.** net.
- THE MECHANISM OF LIFE. In Relation to Modern Physical Theory.** By J. JOHNSTONE, D.Sc., Professor of Oceanography in the University of Liverpool. xii + 248 pages, with 53 diagrams. Demy 8vo, **15s.** net.
- A HANDBOOK OF CONIFERÆ INCLUDING GINKGOACEÆ.** By W. DALLIMORE and A. B. JACKSON, A.L.S. With 150 Illustrations. **42s.** net.
- FOUNDERS OF OCEANOGRAPHY AND THEIR WORK. An Introduction to the Science of the Sea.** By SIR WILLIAM A. HERDMAN, C.B.E., F.R.S., D.Sc., LL.D., etc., Emeritus Professor of Natural History and sometime First Professor of Oceanography in the University of Liverpool. With Plates and Diagrams. **21s.** net.
- HUMAN EMBRIOLOGY AND MORPHOLOGY.** By SIR ARTHUR KEITH, F.R.S., M.D., F.R.C.S., Conservator of the Museum and Hunterian Professor, Royal College of Surgeons, England. FOURTH EDITION. viii + 491 pages. Demy 8vo, **30s.** net.
- THE MIGRATIONS OF FISH.** By ALEXANDER MEEK, M.Sc., F.L.S., F.Z.S. Professor of Zoology, Armstrong College, Newcastle-on-Tyne, and Director of the Dove Marine Laboratory. With illustrations and maps. xx + 428 pages. Demy 8vo, **18s.** net.

London : EDWARD ARNOLD & CO., 41 & 43 Maddox Street, W. 1

H. K. LEWIS & CO.

LTD.

Telegrams :
" Publicavit,
Eusroad, London "

**Medical Publishers
and Booksellers**

Telephone :
Museum 1072

COMPLETE STOCK OF RECENT WORKS AND TEXT-BOOKS
in all branches of Medicine, Surgery,
GENERAL AND APPLIED SCIENCE, OF ALL PUBLISHERS.

LARGE STOCK OF NOTE BOOKS, LOOSE LEAF AND BOUND
Squared Paper, Slide Rules, and all kinds of
SCIENTIFIC AND GENERAL STATIONERY.

LARGE STOCK OF SECOND-HAND BOOKS ALWAYS AVAILABLE
at 140 Gower Street. Telephone: Museum 4031.

Messrs. LEWIS can supply the Latest Books of any Publisher by
return mails. Orders despatched to all parts of the
World by post, or shipment for large orders.

Lewis's Medical and Scientific Circulating Library

Established
1848

136 Gower Street
W.C. 1

Annual Subscription, Town or Country, from One Guinea.

The Library includes all the Standard Works and Current Literature in every branch of Medical and Surgical and general Science; and also the subjects of Engineering—Electrical, Mechanical, and Civil—Chemistry, Botany, Geology, Physics, Zoology, Astronomy, Psychology, etc.

All NEW WORKS and NEW EDITIONS bearing on the above subjects are added to the Library on publication.

LEWIS'S MONTHLY LIST OF ADDITIONS TO THE LIBRARY
giving net prices and postage, will be sent free regularly to
Subscribers or Book-buyers on receipt of name and address.

THE LIBRARY READING ROOM is open to all subscribers daily.

Entrance: Corner of Gower Street and Gower Place, close to Euston Square Station, Metropolitan Railway; Tube Railway, Warren Street.

136 Gower Street and 24 Gower Place
LONDON, W.C. 1, ENGLAND

COOK'S TRAVEL SERVICE

is

An unrivalled organisation
of 80 years' development.

150 BRANCHES THROUGHOUT THE WORLD.

As Agents for all the principal Steamship and Rail Services, they are in a position to give accurate and unbiased information and assistance, and, in addition, can also arrange for hotel reservations, sightseeing, etc., in practically all parts of the world.

In Canada and the States Thos. Cook & Son can also secure Pullman accommodation in advance, which will be of considerable assistance, more particularly to those coming from the East and Australia.

INCLUSIVE INDEPENDENT TOURS.

A method which attains to "Independent Travel without Trouble" can be arranged in almost every country, from Europe to the Far East and the Antipodes, and in this particular connection itineraries and quotations will be readily furnished by any of our Agents without charge.

HOTEL ACCOMMODATION

Can be secured in advance at any class of hotel, from single bedrooms to suites of apartments, on any floor, with whatever aspect may be desired. En pension terms arranged for an extended stay.

ESCORTED PARTIES.

Escorted parties, in charge of experienced Couriers (not in uniform) leave at frequent intervals at fares which include all necessary expenses.

"POPULAR" HOLIDAY TOURS.

These tours provide travel, hotel accommodation, sightseeing, etc., at moderate charges. Particulars on request.

COURIERS.

For individual travellers or for private and family parties, Thos. Cook & Son have at their command first-class couriers of good education, with an intimate knowledge of foreign countries and languages, whose services relieve the traveller of the many difficulties inseparable from independent travel.

BANKING AND EXCHANGE.

Foreign moneys exchanged at most advantageous rates. Travellers Cheques and Letters of Credit issued for all parts of the World.

BAGGAGE AND INSURANCE.

Travellers with Cook's Tickets may, for small premiums, insure their baggage against loss. Baggage and goods of every description stored or forwarded to any part of the world at lowest rates. Life insurance effected for any period.

THOS. COOK & SON

Chief Office:

LUDGATE CIRCUS, LONDON.

TORONTO: Bank of Hamilton Buildings, 65, Yonge Street.

MONTREAL: 526, St. Catherine Street West.

VANCOUVER: 723, Georgia Street, W.

NEW YORK: 585, Fifth Avenue, etc., etc.

Cable Addresses: "Coupon," followed by name of town.

British Association for the Advancement of Science.

Patron : HIS MAJESTY THE KING.

TORONTO MEETING : 1924

(NINETY-FOURTH YEAR)

Wednesday, Aug. 6, to Wednesday, Aug. 13

President :

MAJOR-GENERAL SIR DAVID BRUCE, A.M.S., K.C.B.,
D.Sc., LL.D., F.R.S.

Preliminary Programme.

MEMBERS INTENDING TO BE PRESENT

will kindly assist the Organisation
of the Meeting by completing and

RETURNING THE ACCOMPANYING FORM

whether they have previously in-
timated intention to attend or not.

BRITISH ASSOCIATION OFFICE : BURLINGTON HOUSE,
LONDON, W. 1.

Telephone : GERRARD 7213.

Telegrams : SCIASOC, PICCY, LONDON.

Local Secretaries' Office : ROOM 50, PHYSICS BUILDING,
UNIVERSITY, TORONTO.

Telephone : TRINITY 5000.

Imperial Cable Address : RAMSMAC, TORONTO.

Reception Room for Toronto Meeting : AT THE UNIVERSITY.

[March, 1924.]

**OFFICERS OF THE BRITISH ASSOCIATION
(TORONTO MEETING)**

President.

MAJOR-GENERAL SIR DAVID BRUCE, A.M.S., K.C.B.,
D.Sc., LL.D., F.R.S.

Vice-Presidents.

HIS EXCELLENCY THE GOVERNOR-
GENERAL OF CANADA, RT. HON.
LORD BYNG OF VIMY, G.C.B.,
G.C.M.G.

HIS HONOUR THE LIEUTENANT-
GOVERNOR OF ONTARIO,
COL. HENRY COCKSHUTT.

RT. HON. THE PRIME MINISTER
OF CANADA, W. L. MACKENZIE
KING, C.M.G., LL.D.

THE HON. THE SPEAKER OF THE
HOUSE OF COMMONS, HON.
RODOLPHE LEMIEUX.

THE HON. THE HIGH COMMIS-
SIONER FOR CANADA, P. C.
LARKIN.

THE HON. THE PRIME MINISTER
AND MINISTER OF EDUCATION,
ONTARIO, G. HOWARD FER-
GUSON, LL.B.

HIS WORSHIP THE MAYOR OF
TORONTO, W. W. HILTZ.

THE CHANCELLOR OF THE UNI-
VERSITY OF TORONTO.

THE CHAIRMAN OF THE BOARD
OF GOVERNORS, UNIVERSITY
OF TORONTO, REV. CANON
H. J. CODY, B.D., LL.D.

THE PRESIDENT OF THE UNI-
VERSITY OF TORONTO, SIR
ROBERT FALCONER, K.C.M.G.,
D.Litt., LL.D.

THE PRESIDENT OF THE ROYAL
CANADIAN INSTITUTE, PROF.
J. C. FIELDS, Ph.D., F.R.S.

THE PRESIDENT OF THE CANA-
DIAN NATIONAL RAILWAYS,
SIR HENRY W. THORNTON,
K.B.E.

THE PRESIDENT OF THE CANA-
DIAN PACIFIC RAILWAY, E. W.
BEATTY.

THE CHAIRMAN OF THE LOCAL
GENERAL AND EXECUTIVE
COMMITTEES, PROF. JOHN C.
McLENNAN, O.B.E., Ph.D.,
D.Sc., LL.D., F.R.S.

General Treasurer.

E. H. GRIFFITHS, Sc.D., D.Sc., LL.D., F.R.S.

General Secretaries.

PROFESSOR J. L. MYRES, O.B.E., D.Sc., F.B.A.

F. E. SMITH, C.B.E., F.R.S.

Secretary.

O. J. R. HOWARTH, O.B.E., M.A., Burlington House, London, W.1.

(For Sectional Officers, see p. 13, etc.)

LOCAL OFFICERS FOR THE TORONTO MEETING.

Chairman of General and Executive Committees.

Prof. J. C. McLENNAN, O.B.E., Ph.D., D.Sc., LL.D., F.R.S.

Local Hon. Secretaries.

Prof. J. C. FIELDS, Ph.D., F.R.S.

Prof. J. J. R. MACLEOD, D.Sc., LL.D., F.R.S.

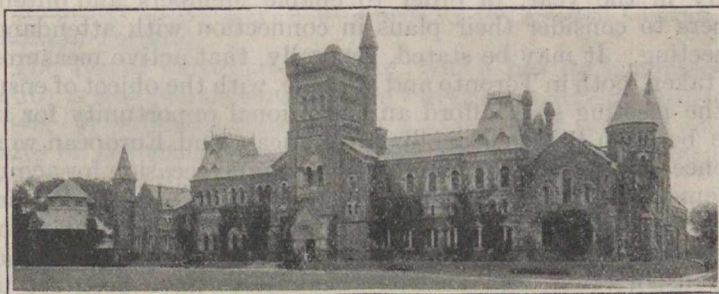
Assistant Local Secretary.

Major J. M. MOOD, O.B.E., M.C.

Local Hon. Treasurer.

F. A. MOURÉ, Mus. Doc., Bursar, University of Toronto.

(For District Committees, see p. 16.)



UNIVERSITY OF TORONTO.

Approximate Distances.

Liverpool—Montreal (8-9 days)	2,900 miles.
Montreal—Toronto (9 hours)	340 ..
New York—Toronto (14-15 hours)	540 ..
Toronto—Vancouver	2,700 ..

Climatic Conditions.

TORONTO :	Mean Temperature °F.	Mean Rainfall in.
July	69.1	3.0
August	67.2	2.6
September	60.8	2.8
LONDON, ENGLAND (for comparison) :		
July	62.8	2.6
August	61.7	2.4
September	57.1	2.0

British Association for the Advancement of Science

ANNUAL MEETING, 1924.

THE Annual Meeting of the British Association in 1924 (being the 94th year of the Association) will take place in Toronto, Ontario, Canada, from Wednesday, August 6, to Wednesday, August 13. The Association met there in 1897, under the presidency of Sir John Evans, K.C.B., F.R.S., this being the second of the three meetings which have previously taken place in Canada (Montreal, 1884; Toronto, 1897; Winnipeg, 1909).

While this preliminary programme does not purport to include the whole of the arrangements, it has been found desirable to issue it early in the year, in order to enable Members and intending Members to consider their plans in connection with attendance at the meeting. It may be stated, generally, that active measures are being taken, both in Toronto and at home, with the object of ensuring that the meeting shall afford an exceptional opportunity for intercourse between British, Canadian, American, and European workers in science, and, to visiting Members, an unique occasion for acquainting themselves with the manifold scientific interests of the Dominion. Local Committees have been formed in Toronto to deal with the organization of the meeting generally, with accommodation, finance, and transportation, and District Committees have been set up in different parts of the Dominion (see p. 16).

Information additional to or amending that contained in following pages will be issued in the form of Supplements as occasion requires, to Members who intimate intention to attend the meeting (see p. 7).

Members will note that the date previously announced provisionally for the meeting has been changed, and that official excursions will follow, not precede, the meeting.

TORONTO.

TORONTO, capital of the Province of Ontario, is situated on the northern shore of Lake Ontario, north-west of the mouth of Niagara River, in the southernmost part of the Dominion, sometimes known as the Lake Peninsula from its situation between lakes Ontario, Erie, and Huron. Every section of the Association will find material for its own scientific interests in the locality and the city. The population of the city is over 529,000. It has an important harbour for the Great Lakes and St. Lawrence traffic; extensive industries,

the facilities for which are enhanced by an ample supply of electricity from water power ; a street railway system of over 200 track miles under public ownership ; and direct communication with all parts of Canada by the National and Canadian Pacific railway systems, and with the United States. The University of Toronto, which will be the principal centre of the meeting, ranks with its affiliated colleges as one of the largest in the British Empire. It was founded in 1827, and has a registration of about 5,000 students. Four colleges are federated to form the University, while students from other colleges are registered for courses leading to degrees. The granting of higher degrees by the University is controlled by a special School of Graduate Studies. The social and recreational centre of the University is a building known as Hart House, in which provision for the needs of male students—other than academic and residential—is made on a scale that is probably not to be found elsewhere in the world. It contains assembly halls, dining-halls, library, music and reading-rooms, billiard rooms and rooms for other games, a gymnasium, a running-track, a rifle range, a swimming-tank and a theatre with an elaborate stage equipment.

McMaster University, maintained by the Baptist Church, is also situated in Toronto.

The Royal Canadian Institute, which has its headquarters in Toronto, is the oldest scientific society in Canada, having been founded in 1849. It publishes transactions, and conducts popular courses of lectures on scientific topics. It maintains a reference library which is housed in the Stack room of the University library.

The Royal Ontario Museum, near the University, is controlled jointly by the Provincial Government and the University. It is composed of five independent museums, viz. : Archæology, Geology, Mineralogy, Palæontology and Zoology, which are directed by members of the University staff.

The Connaught Antitoxin Laboratories, the administration and research divisions of which are housed in the University buildings is one of four institutions of its kind in the British Empire. Its main activities are research in preventive medicine and the production of public health biological products. It is unique in that, while co-operating with the provincial boards of health throughout the Dominion, it is the only institution of its kind controlled entirely by a University. The manufacture and distribution of insulin, the recently isolated secretion of the pancreas concerned in the control of sugar metabolism, is one of the many activities of the Connaught Antitoxin Laboratories. A building in the grounds of the University is devoted to the preparation of insulin and research work connected with it.

The Toronto General Hospital of 750 beds is located near the University, as is also the Sick Children's Hospital. The latter hospital has a remarkable and most successful system for the correlation of its work with the work of the city in infant and child hygiene.

Toronto is the headquarters of the Ontario Hydro-Electric system, whose laboratories in the city may be visited. This is the most extensive system in operation for the hydraulic development of electric power and its distribution. Its generating plant is at Niagara Falls. Toronto also possesses, in its drifting-sand filters, a system of water purification of considerable interest. The filters are within easy access of the centre of the city. The extensive harbour improvement scheme of Toronto, now in progress, will be found of considerable interest, especially to engineers. The improvement plans include a drive of 42 miles round the city and along its water front.

CONDITIONS AND PRIVILEGES OF MEMBERSHIP.

No technical qualification is required on the part of an applicant for admission as a Member of the Association; nor is there any limitation in respect of nationality. All Members (except as specified below) are eligible to any office in the Association.

I. LIFE MEMBERS, for a composition of \$75, are entitled to attend the Annual Meetings and to receive, if they desire, the Reports of the Association that may be published after the date of their admission.

II. OLD ANNUAL REGULAR MEMBERS, *i.e.*, those who have from the annual meeting in September, 1919, or earlier date, maintained their subscriptions without intermission and continue to do so, are entitled, for an annual subscription of £1, to attend the Annual Meeting and to receive the Annual Report,* when published, on demand.

III. ANNUAL MEMBERS (*a*) on a payment of \$7.50, made before or at the Annual Meeting, are entitled to attend the Annual Meeting *and* to receive the Report* (*b*) on payment of \$5 are entitled *either* to attend the Annual Meeting, *or* to receive the Report.*

FELLOWS AND MEMBERS of the AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE attending the Meeting and paying the Membership Fee of \$5 (see preceding paragraph) WILL RECEIVE THE REPORT WITHOUT FURTHER CHARGE, if intimating, in the Reception Room at the Meeting, their desire to do so.

IV. TRANSFERABLE TICKETS, price \$6.25, admit one person to any meeting or other function during the Annual Meeting, but to no other privilege.

V. STUDENTS' TICKETS, price \$2.50, are issued to accredited students of universities, and of other educational institutions recognised by the Local Committee, provided they do not exceed 23 years of age.

* ANNUAL REPORT.—This is issued, usually, early in the year after that in which the meeting takes place. The standard binding is in stout paper covers; a cloth binding will be supplied on payment of 50c. additional to terms of subscription quoted above.

MEMBERSHIP TICKETS.

TICKETS for the Meeting may be obtained :

(a) From the Local Hon. Treasurer, British Association, Room 50, Physics Building, University, Toronto ; cheques being made payable to the British Association for the Advancement of Science.

(b) At the Office of the British Association, Burlington House, Piccadilly, London, W. 1. Subscriptions must accompany applications. Cheques and post office orders should be made payable to the British Association for the Advancement of Science (*not* to any officer by name) and may be crossed "Westminster Bank : West End Office—Not negotiable."

(c) On and after August 5, in the Reception Room at the University, Toronto.

The Membership Ticket must be shown :

(a) When application is made in the Reception Room for the Journal and Programmes of the Meeting, tickets for special functions, etc. (see p. 8).

(b) On demand at any meeting or other function for which special tickets are not required.

INTIMATION OF ATTENDANCE.

MEMBERS intending to be present at the Meeting are particularly requested to complete and return, as early as possible, the form of intimation accompanying this programme.

Members joining in America may intimate either to the London Office as above (but not later than July 1), or to the LOCAL HON. SECRETARIES, BRITISH ASSOCIATION, ROOM 50, PHYSICS BUILDING, UNIVERSITY, TORONTO, at any time.

Intimations should be made direct to the offices of the Association as above ; if made only to sectional or other officers, who are not in constant touch with the offices, they are liable to be overlooked. Members are further requested to notify the London or the Toronto Office promptly if they should find themselves unable to attend, after having intimated intention to do so.

HOTELS IN TORONTO.

(The number of rooms follows the address. Tariffs—S., single room ; D., double room ; S.B., single with bath ; D.B., double with bath ; br., breakfast ; l., luncheon ; d., dinner.)

KING EDWARD, King Street East (1,000). S. \$2.50–\$3.50 ; D. \$4–\$6.50 ; S.B. \$3.25–\$5 ; D.B. \$5–\$7 ; br. 60c. ; l. 60c. ; d. \$1.50

- QUEEN'S, Front Street (350). S. \$2-\$3; D. \$4-\$5; S.B. \$3.25-\$4.50; D.B. \$5.50-\$7; br. \$1; l. \$1; d. \$1.25.
- WALKER HOUSE, York and Front Streets (400). S. \$2.50-\$3.50; D. \$5-\$7; S.B. \$3.50; D.B. \$7; b. \$1; l. \$1; d. \$1.
- CARLS RITE, Front and Simcoe Streets (400). S. \$2.50-\$3.50; D. \$5-\$7; S.B. \$3.50; D.B. \$7; b. \$1; l. \$1; d. \$1.
- PRINCE GEORGE, King and York Streets (400). S. \$2.50-\$3.50; D. \$5-\$6; S.B. \$3.50, \$4, \$4.50; D.B. \$6, \$7, \$8; b. 40-60c.; l. 80c.; d. \$1.50.
- WAVERLEY, Spadina and College Streets (100). S. \$2-\$2.50; D. \$3-\$3.50; S.B. \$2.50-\$4; D.B. \$4-\$6; b. 50-75c.; l. 75c.; d. \$1.
- MOSSOP, 56, Yonge Street (60). S. \$2.50; D. \$4-\$5; S.B. \$3.50; D.B. \$5-\$7; b. *à la carte*; l. 75c.; d. \$1.
- IROQUOIS, King and York Streets (125). S. \$1.50-\$2.50; D. \$3, \$3.50, \$4; S.B. \$2.50-\$3.50; D.B. \$3-\$3.50; meals *à la carte*.

UNIVERSITY AND COLLEGE RESIDENCES.

THE University Men's and Women's Residences, Burwash Hall, Annesley Hall (Women), Wycliffe College, and Knox College afford lodging for upwards of 600 persons (single rooms), for which the charge will probably be \$1 per day (minimum \$5), and it is expected that the University dining-halls will be available for meals at tariff rates.

Excellent accommodation may be obtained in boarding houses close to the University at \$3 and \$3.50, single rooms, and \$5-7 double rooms, including meals, per day. The Local Committee will make every effort to assist visiting Members to secure lodgings.

RECEPTION ROOM AND OFFICES.

THE Reception Room, in the University Library, will be opened on Tuesday and Wednesday, August 5 and 6, at 10 a.m., and on following days throughout the meeting, at 8.30 a.m. (except Sunday). It will close daily at 6 p.m. for official business, except on Wednesday, August 6, when business will be carried on until 7 p.m.

In the Reception Room there will be officers for issuing tickets, programmes, etc., and supplying information regarding the arrangements for the Meeting. Writing and smoking accommodation, telephone boxes, and a bookstall will be provided, and arrangements will be made for the postal collection and delivery of letters, etc. either in the Library or in Hart House, near by.

The administrative offices, and the meeting-room of the Council General Committee, and Committee of Recommendations, will be adjacent to the Reception Room.

A Press Bureau will be open to newspaper representatives.

PROGRAMMES AND PUBLICATIONS.

THE Journal, containing the detailed programme of sectional and other scientific proceedings, will be placed in the Reception Room for gratuitous distribution to Members on and after Tuesday, August 5.

The Local Programme will contain notices of local arrangements, excursions, and general information, and will also be obtainable in the Reception Room.

The Daily Time-table will be issued on Thursday, Friday, Monday and Tuesday, August 7, 8, 11, and 12, giving fixtures for each day in summary, and indicating any unavoidable departures from arrangements previously notified. It will be obtainable each morning in the Reception Room.

A Handbook, prepared by a Local Committee, will be issued to Members attending, together with Excursion particulars. Books relating to the district, guide books, and maps, will be on sale at the Bookstall.

A List of Members attending the Meeting from overseas will be issued, if possible, in advance. A visible directory and card index of all Members attending will be available for consultation in the Reception Room.

The Journal, and the Presidents' Addresses (collected under the title *The Advancement of Science*, 1924) will be forwarded by post to Members unable to attend, on application and prepayment of 5s. to the Secretary of the Association, on or before the first day of the Meeting. British Members should address such applications to the *London Office*.

The Advancement of Science, 1924, will be on sale in the Reception Room, and will be obtainable of all booksellers, at the time of the Meeting, at prices to be announced.

SCIENTIFIC MEETINGS.

THE INAUGURAL GENERAL MEETING will be held on Wednesday, August 6, in the Convocation Hall of the University of Toronto, when Major-General Sir DAVID BRUCE, K.C.B., F.R.S., will assume the Presidency of the Association in succession to Prof. Sir ERNEST RUTHERFORD, F.R.S., and will deliver an Address dealing with *advances in the knowledge of disease and the means of coping with and preventing it, with special reference to preventive measures used during the Great War*.

Other General Meetings will include two Evening Discourses to Members, one of which will be given by Sir T. H. Holland, K.C.S.I., K.C.I.E., F.R.S., on *The Formation and Destruction of Mineral Deposits*. There will also be series of lectures specially for citizens of Toronto, and for children.

In the thirteen Sections of the Association (a list of which, with their Officers, will be found on pp. 13 *et seq.*), addresses will be delivered by the respective Sectional Presidents, and papers will be read, on and after Thursday, August 7, until the conclusion of the Meeting (Wednesday, August 13).

The following will be among the principal subjects of addresses, papers, or discussions (this list is to be regarded as preliminary and partial):—

- | | |
|--|--|
| <p>Crystal Structure (Sir W. Bragg).
Colloid Solutions.
Optical Stress Determination.
Atomic Disintegration (Sir E. Rutherford).
Scattering of Light (Lord Rayleigh).
The Quantum Theory (Prof. R. H. Fowler).
The Luminosity of the Night Sky (Lord Rayleigh).
Relativity (Prof. A. S. Eddington).
Stellar Atmospheres (E. A. Milne).
Star Motions (J. Jackson).
The Interior of Stars (Prof. A. S. Eddington).
Spectroscopy (Prof. A. Fowler).
Meteorological and Geophysical papers, including "If the World went Dry" (Sir N. Shaw); "The Diurnal Variation of Pressure, an Unsolved Riddle" and "The Green Flash" (F. J. W. Whipple); "Tidal Friction" (Dr. H. Jeffreys).
Chemistry and the State (Sir R. Robertson).
Vitamines.
Liquid and other Fuels.
Electrochemistry (with special reference to Canadian electro-chemical manufactures)
Changes of Sea-level in relation to Gravitation, Continental Shelves, and Coral Islands.
The Relation of White and Coloured Races in reference to White Colonisation in the Tropics (Prof. J. W. Gregory).
A Hundred Years of Electrical Engineering (Prof. G. W. O. Howe).
Racial Mental Differences.</p> | <p>Anthropology and the Administration of the Affairs of Native Races (H. Balfour).
The Distribution of Early Man (Dr. A. C. Haddon).
Recent Archæological Discoveries in Italy (Dr. T. Ashby).
Ancient Crania from the Valley of Mexico (L. H. Dudley Buxton).
The Cinematograph as an Instrument of Anthropology (Dr. R. R. Marett).
Purposive Action as a Fundamental Conception in Psychology (Prof. W. MacDougall).
Physiological and Psychological Factors of Muscular Efficiency in Industry.
Physiological Aspects of Parasitism (Prof. V. H. Blackman).
The Nature and Conditions of Academic Freedom in Universities (Principal E. Barker).
Psychological Tests for Scholarships and Promotions.
Teaching of the History and Geography of the British Empire (Prof. Wrong).
Training of Pupils intended for an Overseas Life.
Sense of Humour in Children (Dr. C. W. Kimmins).
Combination in attacking Farmers' Problems (Sir J. Russell).
Diminishing Returns in Agriculture.
Canadian Forestry Problems.
The Ascent of Sap and the Transport of Food Material in Trees.
Species and Chromosomes.
Soil Population.</p> |
|--|--|

ACCEPTANCE OF PAPERS.

ACCEPTANCE of papers is determined by the Organising Committee of each Section in advance of the Meeting. Draft Programmes are already (January) under consideration, and it is therefore necessary that an author proposing to read a paper should make early application to the Local Secretary or to the Recorder of the Section to which his paper is offered. The names of these officers will be found on pp. 13—15. Hours arranged with authors for the delivery of their papers must be adhered to.

ENTERTAINMENTS.

A number of entertainments are being planned in connection with the Toronto meeting, of which due notice will be given. The executive is already informed of the intention of the University Lodge of Freemasons in Toronto to extend a welcome to visiting brethren.

EXCURSIONS.

I. A TRANSCONTINENTAL EXCURSION will leave Toronto after the Meeting by special train, on which accommodation will be necessarily limited. Members desiring to make this excursion are therefore earnestly desired to return the form accompanying this programme as early as possible.

The cost of the journey, including sleeping berth, has been reduced to \$100 since previous announcements. Meals will cost about \$60 for the whole excursion.

It should be stated that invitations, hitherto issued, to attend the Meeting as guests are not intended to cover this or other excursions. If it should be found possible to issue any invitations to guests on excursions, this will be done later.

It is proposed that the transcontinental excursion should leave Toronto on or about August 15 (thus leaving some time in Toronto at the disposal of Members after the Meeting). The intended route is circular, west-bound by Temiskaming and Northern Ontario and Canadian National Railway systems; east-bound by Canadian Pacific. Ample opportunity will be afforded for observing the scenic, economic, and other scientific interests of Ontario, the "prairie" provinces, and British Columbia. Among points to be visited are the following, which represent only a fraction of the manifold interests of the excursion. The excursion will occupy three or four weeks: dates will be announced in due course.

Ontario.—Cobalt (silver mines, etc., and concentrators); Kirkland Lake (gold mines); Timmins (gold mines and mills); Iroquois Falls (pulp and paper plant).

Manitoba.—Winnipeg; city and university, scene of Association Meeting in 1909.

Saskatchewan.—Saskatoon.

Alberta.—Edmonton; Jasper Park—entrance to western mountain system.

British Columbia.—Mount Robson; Vancouver; Victoria (by steamer); return to Vancouver. East-bound by Canadian Pacific Railway—further view of points of interest in western mountain region—Fraser Canyon, Glacier, Lake Louise.

Alberta.—Banff; Calgary.

Saskatchewan.—Regina.

Ontario.—Fort William and Port Arthur; grain elevators, harbour, etc. Northern shore of Lake Superior: Nipigon, Schreiber, Jack Fish. Sudbury: mines, smelters, etc. Toronto.

During the visit to Saskatoon, Sask., a session of the Association will be held, during which the new chemistry building of the University will be opened. Sessions will also be held, and lectures given, at Edmonton, Alta., Vancouver, B.C., and (it is expected) at other points.

It will assist the organisation if Members who contemplate leaving the excursion at intermediate points will make their wishes known on the form, as without such information the extent to which facilities may be granted for this purpose cannot be determined.

II. Members whose time is too limited to allow of considering the transcontinental excursion will find ample interest in an excursion proposed to be made through Ontario, with fuller opportunity for investigating the scientific interests of that province than will be provided by the transcontinental excursion. The Ontario excursion as planned will take place after the Meeting, and will give occasion to visit the picturesque Muskoka Lakes region east of Georgian Bay; Sudbury; the shore of the north channel of Lake Huron; Sault St. Marie, the focal point of traffic between Lakes Superior and Huron, with its famous canal system; the fine scenery along the Algoma Central Railway northward to Hearst, and the mining, agricultural, and paper-making centres of northern Ontario (Cochrane, Iroquois Falls, Timmins, Cobalt, etc.). The beautiful region about Lakes Temogami and Temiskaming will be passed, and a circular rail tour of some ten days will be completed on the return to Toronto about August 26.

Full particulars of excursions during and immediately following the Meeting, in the neighbourhood of Toronto, Niagara Falls, etc., will be issued in due course.

Many other points of interest in Eastern Canada may be readily reached, of which the following are examples:

In Nova Scotia and New Brunswick.—The coal and iron industries of Nova Scotia. The famous orchards of Annapolis Valley. The salmon, lobster and other fisheries. The Marine Biological Station at St. Andrews. The timber lands and wild-game country.

In Quebec.—Quebec City of great historic interest. Laval University. Montmorency Falls. The shrine of Ste. Anne de Beaupré. Montreal, McGill University. The Macdonald Agricultural College. The Saguenay River. Forests. Asbestos and other mines. Water-power projects. The electro-metallurgical research laboratory and works at Shawinigan Falls.

SECTIONAL OFFICERS.

Communications intended for any particular Section should be forwarded to the Secretary of the Local Sectional Committee (pp. 15—16) at the Toronto office of the Association, or to the Recorder, whose address will be found below.

Amendments to this list of Officers, and the names of additional Vice-Presidents, will be announced in Supplements.

A. MATHEMATICS AND PHYSICS.

President.—Sir WILLIAM BRAGG, K.B.E., F.R.S.

Vice-Presidents.—Prof. A. S. EVE, C.B.E., F.R.S.; Prof. J. C. FIELDS, F.R.S.; Prof. J. C. McLENNAN, O.B.E., F.R.S.; Prof. J. S. PLASKETT, F.R.S.; Sir F. STUPART.

Recorder.—Prof. A. O. RANKINE, Imperial College of Science and Technology, London, S.W. 7.

Secretaries.—M. A. GIBLETT, Prof. H. R. HASSÉ, J. JACKSON, Prof. A. M. TYNDALL.

B. CHEMISTRY.

President.—Sir ROBERT ROBERTSON, K.B.E., F.R.S.

Vice-Presidents.—Prof. F. G. DONNAN, C.B.E., F.R.S.; Prof. LASH MILLER; Dr. N. V. SIDGWICK, O.B.E., F.R.S.

Recorder.—Prof. C. H. DESCH, F.R.S., University, Sheffield.

Secretary.—Dr. E. K. RIDEAL.

C. GEOLOGY.

President.—Prof. W. W. WATTS, F.R.S.

Vice-Presidents.—Prof. A. P. COLEMAN, F.R.S.; W. H. COLLINS; Dr. GERTRUDE ELLES; Sir T. H. HOLLAND, K.C.S.I., F.R.S.; Dr. W. G. MILLER; Prof. W. A. PARKS; J. B. TYRRELL; Prof. T. L. WALKER; the Deputy Ministers, Depts. of Mines, Canada and Ontario; the Presidents of the Geological Section, Royal Society of Canada, and of the Canadian Institute of Mining and Metallurgy.

Recorder.—Prof. W. T. GORDON, King's College, Strand, London, W.C. 2.

Secretary.—Prof. G. HICKLING.

D. ZOOLOGY.

President.—Prof. G. ELLIOT SMITH, F.R.S.

Vice-Presidents.—Prof. J. H. ASHWORTH, F.R.S.; Prof. B. A. BEASLEY; Prof. A. G. HUNTSMAN; Prof. A. WILLEY.

Recorder.—F. BALFOUR BROWNE, Dysart House, Luard Road, Cambridge.

Secretary.—Prof. W. J. DAKIN.

E. GEOGRAPHY.

President.—Prof. J. W. GREGORY, F.R.S.

Vice-Presidents.—Dr. VAUGHAN CORNISH; JAMES WHITE.

Recorder.—Dr. R. N. RUDMOSE BROWN, University, Sheffield.

Secretaries.—W. H. BARKER, F. DEBENHAM.

F. ECONOMIC SCIENCE AND STATISTICS.

President.—Sir WILLIAM ASHLEY.

Vice-Presidents.—Sir WILLIAM BEVERIDGE, K.C.B.; Prof. R. M. MACIVER.

Recorder.—Prof. H. M. HALLSWORTH, Armstrong College, Newcastle-upon-Tyne.

Secretaries.—R. B. FORRESTER, A. RADFORD.

G. ENGINEERING

President.—Prof. G. W. O. HOWE.

Vice-Presidents.—Sir HENRY FOWLER, K.B.E.; Dean C. H. MITCHELL.

Recorder.—Prof. F. C. LEA, 36, Mayfield Road, Moseley, Birmingham.

Secretaries.—Prof. A. ROBERTSON, J. S. WILSON.

H. ANTHROPOLOGY.

President.—Dr. F. C. SHRUBSALL.

Vice-Presidents.—H. BALFOUR; Dr. A. C. HADDON, F.R.S.; Prof. J. P. McMURRICH; Prof. C. G. SELIGMAN, F.R.S.; Sir BERTRAM WINDLE, F.R.S.

Recorder.—E. N. FALLAIZE, Vinchelez, Chase Court Gardens, Enfield, Middlesex.

Secretaries.—Miss R. M. FLEMING, Dr. A. LOW.

I. PHYSIOLOGY.

President.—Dr. H. H. DALE, C.B.E., F.R.S.

Vice-Presidents.—Prof. J. J. R. MACLEOD, F.R.S.; Prof. G. H. F. NUTTALL, F.R.S.

Recorder.—Prof. C. LOVATT EVANS, Physiological Laboratory, St. Bartholomew's Medical College, London, E.C. 1.

Secretaries.—Dr. J. H. BURN, Prof. E. P. CATHCART.

J. PSYCHOLOGY.

President.—Prof. W. MCDougALL, F.R.S.

Vice-Presidents.—Prof. G. S. BRETT; Dr. C. BURT.

Recorder.—Dr. LI. WYNN JONES, 7, St. Mary's Avenue, Harrogate.

Secretaries.—R. J. BARTLETT, Dr. SHEPHERD DAWSON.

K. BOTANY.

President.—Prof. V. H. BLACKMAN, F.R.S.

Vice-President.—Prof. J. H. FAULL.

Recorder.—F. T. BROOKS, 31, Tenison Avenue, Cambridge.

Secretaries.—Dr. W. ROBINSON, Prof. J. McLEAN THOMPSON.

L. EDUCATIONAL SCIENCE.

President.—Principal ERNEST BARKER.

Vice-President.—Dean W. PAKENHAM.

Recorder.—C. E. BROWNE, Christ's Hospital, West Horsham.

Secretary.—Dr. LILIAN CLARKE.

M. AGRICULTURE.

President.—Sir JOHN RUSSELL, F.R.S.

Vice-Presidents.—Dr. C. CROWTHER ; Pres. J. B. REYNOLDS.

Recorder.—C. G. T. MORISON, School of Rural Economy, Oxford.

Secretaries.—T. S. DYMOND, Dr. G. SCOTT ROBERTSON.

ASSOCIATE COMMITTEES IN CANADA.

THE following are Chairmen of Associate Committees for arrangements in Toronto :

Handbook	Prof. W. A. PARKS.
Membership	H. V. F. JONES.
Hospitality	Sir ROBERT FALCONER.
Excursions	Dr. W. G. MILLER.
Publicity	Prof. H. WASTENEYS.
Meeting Rooms	Prof. J. R. COCKBURN.
Signs and Messengers	Prof. ALLCUT.
Finance and Transportation	D. B. HANNA.
Exhibition of Scientific Apparatus	Prof. E. F. BURTON.
Printing	R. J. HAMILTON.

LOCAL SECTIONAL COMMITTEES.

LOCAL Sectional Committees have been formed in Toronto to collaborate with the Organising Sectional Committees in London in carrying out the Sectional Programmes.

<i>Section.</i>	<i>Chairman.</i>	<i>Secretary.</i>
A	Prof. J. C. McLENNAN	Prof. E. F. BURTON.
B	Prof. LASH MILLER	Prof. E. G. R. ARDAGH.
C	Prof. A. P. COLEMAN	Prof. E. S. MOORE.
D	Prof. B. A. BENSLEY	Prof. E. M. WALKER.
E	JAMES WHITE	Prof. G. A. CORNISH.
F	Prof. R. M. MACIVER	Prof. C. R. FAY.
G	Dean C. H. MITCHELL	Prof. T. R. LOUDON.

LOCAL SECTIONAL COMMITTEES—*contd.*

<i>Section.</i>	<i>Chairman.</i>	<i>Secretary.</i>
H	Prof. J. P. McMURRICH . . .	Dr. EDWARD SAPIR.
I	Prof. J. J. R. MACLEOD . . .	Prof. R. WASTENEYS.
J	Prof. G. S. BRETT . . .	Prof. E. A. BOTT.
K	Prof. J. H. FAULL . . .	Prof. R. B. THOMSON.
L	Dean W. PAKENHAM . . .	Prof. P. SANDIFORD.
M	Pres. J. B. REYNOLDS . . .	Mr. A. M. PORTER.

DISTRICT COMMITTEES IN CANADA.

DISTRICT Committees have been formed to collaborate with the Executive in Toronto in making local arrangements in connection with the meeting. The Chairmen of these Committees are as follows :—

<i>Halifax</i>	. Pres. A. STANLEY MACKENZIE, Ph.D., D.C.L., Dalhousie University.
<i>Quebec</i>	. HON. CYRILLE DELAGE.
<i>Montreal</i>	. Principal Sir ARTHUR CURRIE, G.C.M.G., K.C.B., LL.D., McGill University.
<i>Ottawa</i>	. Dr. W. H. COLLINS, Director, Canadian Geological Survey.
<i>Kingston</i>	. Prof. A. L. CLARK, Ph.D., Queen's University.
<i>Guelph</i>	. Pres. J. B. REYNOLDS, M.A., Ontario Agricultural College.
<i>London, Ont.</i>	. W. S. FOX, Ph.D., Dean of the Faculty of Arts, Western University.
<i>Port Arthur and Fort William.</i>	F. H. KEEFER, M.P.P.
<i>Winnipeg</i>	. Prof. C. H. O'DONOGHUE, University of Manitoba.
<i>Regina</i>	. Hon. Sir FREDERICK HAULTAIN, Chief Justice of Saskatchewan.
<i>Saskatoon</i>	. Pres. WALTER C. MURRAY, LL.D., University of Saskatchewan.
<i>Edmonton</i>	. Pres. HENRY MARSHALL TORY, D.Sc., LL.D., University of Alberta.
<i>Calgary</i>	. Dr. J. M. SCOTT.
<i>Vancouver</i>	. Pres. L. S. KLINCK, D.Sc., University of British Columbia.
<i>Victoria</i>	. Prof. P. H. ELLIOTT, M.Sc., Victoria College.

THE
BRITISH ASSOCIATION
FOR THE ADVANCEMENT
OF SCIENCE :

A RETROSPECT,
1831-1921,

BY

O. J. R. HOWARTH, O.B.E., M.A.,
Secretary.

With 15 Plates in Half-tone. Linen bound, pp. viii + 318, 8½ in. × 5½ in.

Price 7s. 6d. (by post, 8s.; \$2.)

A summary review of the activities of the Association in every department of Science, with examples, from its foundation to the present day.

A special section deals with Overseas Meetings of the Association.

The production of this volume has been rendered possible by the generosity of the Hon. Sir C. A. PARSONS, K.C.B., F.R.S., at whose suggestion it was undertaken. The receipts from sales are devoted to the funds of the Association, and thereby to the advancement of Science.

BRITISH ASSOCIATION REPRINTS.

New Series.

No.

1. SCIENCE AND ETHICS, by Dr. E. H. Griffiths, F.R.S., 1921, 9d.
2. THE STRUCTURE OF MOLECULES (Discussion), 1921, 9d.
- 3, 15. EFFECTS OF THE WAR ON CREDIT, CURRENCY AND FINANCE (Reports), 1921, 1922, 1s. 6d., 6d.
- 4, 17. STRESS DISTRIBUTIONS IN ENGINEERING MATERIALS (Reports), 1921, 3s. 6d.; 1923 (ready shortly).
5. CHARTS AND PICTURES FOR USE IN SCHOOLS (Report), 1921, 1s.
6. AN INTERNATIONAL AUXILIARY LANGUAGE (Report), 1921, 1s.
- 8, 9, 11. TRAINING IN CITIZENSHIP (Reports), 1920, 1921, 1922; 1s. (9s. per doz.), 6d. (5s. per doz.), 6d. (4s. per doz., 30s. per 100).
10. THE AGE OF STONE CIRCLES (Report), 1922, 1s.
12. ABSORPTION SPECTRA AND CHEMICAL CONSTITUTION OF ORGANIC COMPOUNDS (Report), 1922, 1s. 6d.
13. IMPERIAL CITIZENSHIP, by Rt. Hon. Lord Meston, 1922, 9d.
14. THE NITROGEN INDUSTRY (Discussion), 1922, 9d.
16. GEOGRAPHY TEACHING (Report), 1923, 1s. (10s. per doz.; £4 per 100).

Of all Booksellers, or from the Office of

The BRITISH ASSOCIATION, Burlington House, London, W.1

For further List of British Association Publications, application should be made to the Office.

CANADIAN PACIFIC



ONE HIGH STANDARD OF SERVICE

STEAMERS on Atlantic & Pacific.

TRAINS in Canada and U.S.A.

HOTELS across Canada.

THE ONLY ROUTE TO CANADA, U.S.A., JAPAN & CHINA

by which the journey can be made
on the Steamers and Trains of
one Company, so ensuring the best
Through Connections.

Through Bookings to New Zealand & Australia
via VANCOUVER & VICTORIA, B.C.

A BUREAU OF CANADIAN INFORMATION
for supplying all the latest information regarding
conditions in Canada, is maintained by the Canadian
Pacific Department of Colonisation and Development.



For Fares and Sailings, apply :

CANADIAN PACIFIC RAILWAY
62-65 Charing Cross, S.W. 1
103 Leadenhall Street, E.C. 3

LONDON
or Local Agents.



The University of Toronto

(The Provincial University of Ontario)

The University of Toronto has the following Faculties : Arts (including Sciences and Commerce), Medicine, Applied Science and Engineering, Forestry, Education (Ontario College of Education), and Music.

Special Departments : Household Science, Public Health, Public Health Nursing, Social Service, University Extension.

Federated Arts Colleges : University College, Victoria College, Trinity College, St. Michael's College.

Federated Theological Colleges : Knox College, Wycliffe College.

Affiliated Colleges : Royal College of Dental Surgeons, Ontario Agricultural College, Ontario Veterinary College, Ontario College of Pharmacy.

Other institutions controlled by the University : Connaught Antitoxin Laboratories (in which insulin, sera, and antitoxins are manufactured), Royal Ontario Museum (in conjunction with the Provincial Government), Toronto Conservatory of Music.

The University has very close affiliation with the Toronto General Hospital and privileges in the Sick Children's Hospital, St. Michael's Hospital, Western Hospital, and the new Psychiatric Hospital.

Hart House, a unique recreational, social and athletic centre for male students. Residences for men and women students, Students' Union for women. Average annual enrolment, apart from that in affiliated colleges and in extension courses, approximately 5,000.

Address:

UNIVERSITY OF TORONTO, TORONTO, ONTARIO

THERE IS NO PLACE LIKE HOME

This can well be applied to the well-known and highly popular

QUEEN'S HOTEL, TORONTO

There is the **restful** and **homey** feeling the moment you enter the portals. It is noted for **comfort** and **refinement** combined with moderate charges.

An established reputation for exclusiveness

Delightfully situated - American and European Plans

Write for Rates

Henry Winnett, President.

Canada's Finest Hotels

Montreal - - - The Mount Royal
Toronto - - - The King Edward
Niagara Falls - - The Clifton
Hamilton - - - The Royal Connaught
Windsor - - - The Prince Edward

All on the European Plan - - Charges very moderate

Make your reservations at the King Edward for the Annual Meeting of the British Association for the Advancement of Science in August 1924.

Direction :
United Hotels Company
of America

Geo. H. O'Neil
General Manager for Canada



The Ryrie Store on Yonge Street contains lovely things from the four corners of the globe.
It is well worth a visit.

Visitors -- Have You Seen the Ryrie Store?

The Ryrie store welcomes you; here you can inspect silver and art goods from the continent, enthuse over rare English and French china, and admire a rare display of diamonds, pearls and other gems.

The freedom of this house is yours, and no one will embarrass you with uninvited attentions.

Ryrie Bros.

LIMITED

Diamond Merchants . Goldsmiths . Silversmiths

134-136-138 Yonge Street

Toronto

ONTARIO NATIONAL DEVELOPMENT CORP.

LIMITED.

A Canadian organisation which extends to British interest and individuals the opportunity to share in developing Ontario's rich gold areas.

Guided, supervised, controlled by its expert mining and engineering staff, the Ontario National owns and controls meritorious groups of gold properties in Northern Ontario. All these properties are hall-marked by the scientist. They bear his stamp of approval.

Engineering Staff

The engineering staff of the Ontario National is composed of—

Col. R. P. ROGERS, E.M.

Major E. H. BIRKETT, E.M.

Mr. E. H. ORSER, E.M.

Along with other groups the Ontario National is now developing the PORCUPINE GRANDE MINE. Situated 9 miles from the Hollinger and 7 miles from the Dome Mine, the Porcupine Grande comprises 629 acres in Whitney township in the Porcupine Gold District. Two rich and promising strikes recently recorded by the core drill have established the unusual gold value of this property.

The Ontario National possesses sound commercial and bank references.

ONTARIO NATIONAL DEVELOPMENT CORPORATION LIMITED.

Head Office : 504-5 Confederation Life Bldg., Toronto.

Branch Office : 674 Danforth Avenue, Toronto.

Simpson's

When in Toronto Visit Simpson's

ONE might as well be in London and neglect visiting the Great Selfridges or Harrods.

Simpson's is one of the great Department Stores of Canada—it is the rendezvous of discriminating tourists—the home of fine service.

To all our Overseas friends who attend this celebrated convention we extend felicitous greetings and sincerely invite you to visit us when in Toronto.

The Robert Simpson Company Limited

Cunard to Canada

*Unrivalled
Facilities
to
Members
attending
Toronto
Meeting,
1924.*

THE CUNARD LINE, with their vast services between Europe, the United States and Canada, is in a position to offer unrivalled facilities to members of the British Association attending the annual meeting in Toronto this year.

In addition to a wide range of ports accessible from all parts of Europe, there are convenient sailings coinciding with the dates of the opening and closing of the meeting. At the same time, a comprehensive choice of accommodation is provided to suit every taste and every pocket.

Members are advised to book early, especially in the case of those wishing to proceed with parties of friends. Bookings have already been received for vessels leaving in July.

THE outward sailings include those of the "World's Wonder Ship," *AQUITANIA*, and the luxurious mammoth *BERENGARIA*, both to New York from Southampton. There is the famous "floating hotel," *CARONIA*, for Quebec, from Liverpool on July 26th, and Belfast the following day. This vessel carries cabin and third class passengers only; the best accommodation being available at a moderate rate. There is also the new and luxurious *FRANCONIA* (Liverpool via Queenstown to New York), on which the Cunard Company had the pleasure of entertaining members of the Association during last year's convention in Liverpool. On the homeward journey a unique opportunity is given of travelling by the fastest ship in the world, the famous *MAURETANIA*, which leaves New York on 20th August.

Through Bookings to and from Toronto can be obtained an application to any of the Cunard Offices or Agents. Write for Special Folder giving sailings and rates.

HEAD OFFICE - CUNARD BUILDING, LIVERPOOL.

London, 51, Bishopsgate, E.C.2; 26-27, Cockspur Street, S.W.1; Southampton, Canute Road, or local agents.

THE BRITISH ASSOCIATION

SEeks TO PROMOTE

GENERAL INTEREST

IN SCIENCE AND ITS APPLICATIONS

Canada
Canada

Central
Public
to
Museum
Library
Reading
1911



THE BRITISH ASSOCIATION
SEEKS TO PROMOTE
GENERAL INTEREST
IN SCIENCE AND ITS APPLICATIONS



University of Toronto
TORONTO, CANADA

DEPARTMENT OF PHYSIOLOGY

Biological Station
St Andrews

Dear Mr Bovey,

Thank you for the outline of
the Montreal arrangements. I have forwarded
this (- Toronto) to you so that the
details may be printed in the pre-programme

Yours truly,
J. W. Macleod

CANADIAN PACIFIC RAILWAY COMPANY

EASTERN LINES

GENERAL PASSENGER DEPARTMENT—RAIL LINES

GEO. A. WALTON
GENERAL PASSENGER AGENT

EMILE J. HEBERT
FIRST ASSISTANT GENERAL PASSENGER AGENT

FRED. O. HOPKINS
ASSISTANT GENERAL PASSENGER AGENT

W. B. HOWARD
ASSISTANT GENERAL PASSENGER AGENT

UGH

MONTREAL, May 16, 1924

IN YOUR REPLY PLEASE REFER TO FILE NO. 3-6-650/4-V

Col. W. Bovey,
Executive Assistant to the Principal,
McGill University,
Montreal, Que.

Dear Sir:

Mr. Walter Maughan has asked me to give you the information we have with reference to the Air Service to be established by the Laurentide Air Service People, from Angliers to Lake Fortune and Rouyn gold districts.

The flying-boat is, today, leaving Three Rivers for Angliers, where a slip will be built and is to become the base from which the service will be operated.

It is intended to make regular schedule trips.. and for the present, boat will leave Angliers Mondays, Wednesdays and Fridays, on arrival of our train due at 7.15 PM. There will also be trips on other days of the week, but the departure time from Angliers has not yet been arranged.

The boat, which will accommodate five people, including the Pilot, will fly to Lake Fortune and Lake Rouyn, and will return to Angliers same night and will go to Lake Fortune and Lake Rouyn Tuesday, Thursday and Saturday mornings to bring into Angliers any passengers desiring to connect with our train which leaves at 6.30 AM.

The single fare will be \$50.00 per passenger and baggage not exceeding a total of 220 lbs.

Excess baggage will be charged for at express rates.

The machine is a flying-boat, 330 H.P. Liberty Motor, landing and taking off water with high speed of 85 miles per hour; cruising 70 miles per hour; capacity, as advised, 5 passengers including the Pilot or a total of approximately 1000 lbs, supplies or equipment.

Col. W. Bovey

Special trips will be made to points in the undermentioned zones, at the special rates shown:

FROM ANGLIERS TO	MACHINE	1 Passrs	2 Passrs	3 Passrs.	4 Passrs.	
ZONE "A" Single Fare	\$150.00	\$150.00	\$75.00	\$50.00	\$40.00	each
ZONE "B" "	200.00	200.00	100.00	70.00	50.00	"
ZONE "C" "	250.00	250.00	125.00	85.00	65.00	"
ZONE "D" "	300.00	300.00	150.00	100.00	75.00	"

Zone "A" is in a radius of 32 miles of Angliers
 Zone "B" is in a radius of 48 miles of Angliers
 Zone "C" is in a radius of 64 miles of Angliers
 Zone "D" is in a radius of 80 miles of Angliers

Arrangements can be made either direct or through Canadian Pacific Agent at Angliers.

Rates for express parcels are as follows:

FROM ANGLIERS -
TO

ZONE "A" - "B" Twenty-five cents per pound for first twenty-five pounds and twenty cents for each additional pound or fraction thereof up to one hundred pounds.

ZONE "C" - "D" Forty cents per pound for first twenty-five pounds and thirty cents for each additional pound or fraction thereof up to one hundred pounds.

WEIGHT LIMIT Minimum charge for each parcel or packet is twenty-five pounds with a limit of one hundred pounds. The general limit of size is 36" in length by 15" in width, depth or diameter.

PROHIBITED ARTICLES

Parcels containing any explosive, destructive and dangerous substances and intoxicating liquors expressly prohibited.

The arrangements are subject to change without notice.

If there is any further information you desire and will let me know I shall be pleased to procure it for you.

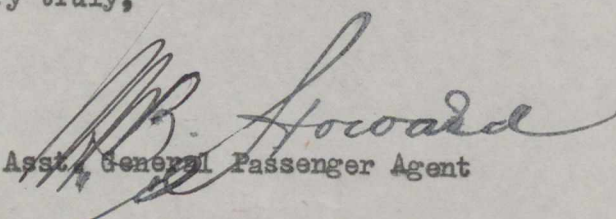
We are issuing and will have for distribution shortly, a

Col. W. Bovey:

map on which will be shown the different zones.

The service will commence Monday next the 19th.

Yours very truly,


Asst. General Passenger Agent

McGILL UNIVERSITY
MONTREAL

THE MACDONALD PHYSICS BUILDING

May
23rd
1924.

Dear Colonel Bovey,-

I went to a committee meeting with Professor McLennan in the chair, at Quebec. The British Association party will arrive the night of August Third. It is anticipated that a party of five hundred will arrive on the "CARONIA", "MEGANTIC" and another boat.

These will be entertained by Quebec on Sunday, leave Sunday night, arrive in Montreal on Monday morning, leaving Montreal on Tuesday morning.

All entertainment by Montreal must therefore take place on Monday, August the Fourth.

They can take the choice of four expeditions on that day.

1. Macdonald College and Rapids. (Limited to 150 or 200).
2. The Harbour Commissioners' entertainment. (Limited to 50).
3. The Cedar Rapids expedition. (Limited to 50).
4. The Botanical expedition. (Limited to 40).

You have full details of Expeditions 1, 2 and 3.

June 4th, 1924.

Dr. J. C. McLennan,
Physics Building,
University of Toronto,
Toronto, Ont.

Dear Professor McLennan:-

I beg to acknowledge your letter of the 30th instant addressed to the Principal and note that Mr. R. S. Lea is considering one or two excursions.

I might say that we have already arranged for an excursion to Cedar Rapids, but will with great pleasure co-operate with Mr. Lea.

Yours faithfully,

The British Association for the Advancement of Science

94th Year—Toronto Meeting, August 6th to 13th, 1924

CHAIRMAN OF THE LOCAL GENERAL
AND EXECUTIVE COMMITTEES:
PROF. J. C. MCLENNAN, PH.D.,
D.Sc., LL.D., F.R.S.

LOCAL HONORARY SECRETARIES:
PROF. J. C. FIELDS, PH.D., F.R.S.
PROF. J. J. R. MACLEOD, M.B.,
C.H.B., D.Ph., F.R.S.

LOCAL ASSISTANT SECRETARY:
MAJOR J. M. MOOD, O.B.E., M.C.

OFFICE:
ROOM 50,
PHYSICS BUILDING,
UNIVERSITY OF TORONTO,
TORONTO.

TELEPHONE TRINITY 5000

IMPERIAL CABLE ADDRESS:
RAMSMAC,
TORONTO.

TORONTO, 30th May 1924.

Dear Sir Arthur Currie:

Mr R.S. Lea has offered to take a few selected members of the British Association on a trip to the various hydro-electric power plants on the St Lawrence. He is in correspondence with certain individuals in England whom he hopes to interest in his proposal. He has two alternative plans:

- (1) A one day excursion to the Cedar Rapids Power House which could take place on Monday, 4th August
- (2) A three days excursion to see various power plants which presumably should start on Saturday, August 2nd, or at the latest, Sunday, August 3rd.

As you will see, these should not interfere with your arrangements, especially as a small party only is being considered, but I thought it well to write you as I am writing to Mr Lea so that you might get in touch to ensure co-ordination.

Yours sincerely

J. C. McLennan
Chairman

General Sir Arthur Currie
McGill University
MONTREAL, QUE.

June 11th, 1924.

Dr. J. J. R. Macleod,
University of Toronto,
Toronto, Ont.

My dear Dr. Macleod:-

I am this morning in receipt of your letter of the 7th of June, in which you do me the honour of asking me to address the Royal Canadian Institute at its inaugural meeting on November 1st next.

I appreciate very much this invitation, but I know that there are many, many men in Canada from whom an address would be much more appropriate than from me and I therefore must decline.

With all good wishes for the continued prosperity and usefulness of the Institute, I am,

Yours faithfully,

Principal.

University of Toronto

TORONTO, CANADA

DEPARTMENT OF PHYSIOLOGY

June 7th, 1924.

Sir Arthur Currie, G.C.M.G., K.C.B., LL.D.,
Principal,
McGill University,
Montreal, Que.

Dear Sir Arthur,

The Royal Canadian Institute celebrates, this year, its 75th Anniversary and at the inaugural meeting for next session, to be held on Saturday November 1st, it is intended to arrange for some suitable celebration. The Council of the Institute at its last meeting instructed me, as 1st Vice-President of the Institute, to invite you to address this meeting. We hope to have as other speakers Sir Robert Falconer and Professor Coleman, F.R.S., and it is hoped that they will pay some attention to the importance of scientific research in Canadian life. Professor Coleman will deal particularly with the History of the Institute itself, Sir Robert Falconer more particularly with the history of science in Upper Canada and Ontario, and if you could see your way to give the first address on the programme bearing on the general aspects of the subject, it would, believe me, be deeply appreciated.

You are perhaps aware that the Royal Canadian Institute has been a most important factor in arousing interest in Science in this part of the country and in gaining the support of a large number of laymen, the membership at present, for example, is about 500. Every Saturday night a popular lecture is given on a scientific subject, the lecturer usually being a man of high scientific attainment. The average attendance at the lectures last year was over 400. Besides this the Institute maintains a valuable scientific library and publishes Transactions in which appear reports on researches done in research institutes all over Canada.

Hoping that you may be in a position to give us a favourable reply, I am

Sincerely yours,

J. J. MacLeod.

JJRM/MG.

McL. 2161

12 AX SM 76 Via HX June 15

London.

Lco President the University Toronto.

Caronias arrival Quebec arranged for Saturday morning early
August second and Quebec entertainment should permit official
party to leave for Montreal about four in afternoon and so
have Sunday and Monday in latter city. Please inform Currie
and Delage. ^P please establish for Fields immediately, credit
with Bank Commerce here twenty thousand dollars. Hope to get
Rayleigh Smith Woodward and Mellor out. All Scientists much
interested in Meeting.

McLennan.



PRINCIPAL AND VICE-CHANCELLOR:
SIR ARTHUR W. CURRIE, G.C.M.G., K.C.B.

FROM

THE PRINCIPAL AND VICE-CHANCELLOR,

McGILL UNIVERSITY,

MONTREAL.

June 24th, 1924.

Dear Sir Arthur:-

I saw Professor McLennan in Quebec in May and he said that Quebec would entertain the British Association party on Sunday, August 3rd and that Montreal had August 4th only to arrange for. Thanks to Colonel Bovey and others this has been done.

This morning I have received a copy of a cable from McLennan stating that the four boats reach Quebec early Saturday morning, August 2nd. Quebec will entertain them on that day and that they request Montreal to entertain them on Sunday as well as Monday.

It is customary for City Churches to put on special services and sermons for the British Association and it might be well to advise the leading Church authorities accordingly. As regards the afternoon, it is suggested that we might borrow and hire a large number of motor buses to take them out by some route to the country, ending up for tea at the Forest & Stream or the Hunt Club. Still better, if some one like Lord Atholstan or Sir Charles Gordon would give them afternoon tea at Cartierville or Cote de Neiges.

I am going to Glenmore, Knowlton, at 4.10 this afternoon for a time and am leaving Dr. Bieler in charge, but I will return at any time if desired.

A. S. Eve.

The British Association for the Advancement of Science

94th Year—Toronto Meeting, August 6th to 13th, 1924

CHAIRMAN OF THE LOCAL GENERAL AND EXECUTIVE COMMITTEES:
PROF. J. C. McLENNAN, PH.D., D.Sc., LL.D., F.R.S.

LOCAL HONORARY SECRETARIES:
PROF. J. C. FIELDS, PH.D., F.R.S.
PROF. J. J. R. MACLEOD, M.B., C.H.B., D.Ph., F.R.S.

LOCAL ASSISTANT SECRETARY:
MAJOR J. M. MOOD, O.B.E., M.C.

OFFICE:
ROOM 50,
PHYSICS BUILDING,
UNIVERSITY OF TORONTO,
TORONTO.

TELEPHONE TRINITY 5000

IMPERIAL CABLE ADDRESS:
RAMSMAC,
TORONTO.

TORONTO, June 24, 1924.

Dear General Currie:

At a recent Meeting of the Local Committee of the British Association, it was decided to present to you a copy of "A Handbook of Canada", published by our Committee for the use of members of the British Association attending the Annual Meeting.

As Chairman of the Committee, I have great pleasure in giving effect to the decision. A copy will reach you under separate cover and I trust it will prove interesting to you.

Yours sincerely,

Chairman.

General Sir Arthur Currie, G.C.M.G., K.C.B., LL.D.,
Principal, McGill University,
MONTREAL.

ack

June 24th, 1924.

Rt. Hon. Lord Atholstan,
Montreal.

My dear Lord Atholstan:-

As you doubtless know the British Association for the Advancement of Science is meeting this year in Toronto during the month of August. I understand that some 250 of the leading scientists of Great Britain and Europe are coming across to attend that conference.

Most of them land in Quebec on the evening of Friday, August 1st. Quebec is furnishing some entertainment on Saturday, August 2nd and the delegates will reach Montreal late Saturday night. According to the original plans we are to look after them for one day, namely, Monday, August 4th. Now we find that we shall have them for both the 3rd and the 4th. The programme for Monday is quite interesting and includes visits to Macdonald College, returning by way of the Lachine Rapids, while others of the party will go to Cedar Rapids. There have also been arranged trips around the harbour with luncheon on board the Government boat. We would like to do something for them on Sunday and I am hoping that Lady Atholstan and yourself would be so kind as to offer to give them tea at your lovely place at Cartierville on Sunday afternoon. I think we should count on at least half of the delegates (or 125) accepting such an invitation. We can arrange transportation from the city to your place and return.

Rt.Hon.Lord Atholstan - 2 -

I hope you will have no diffidence
in letting me know if this request cannot be enter-
tained.

With kindest wishes, I am,

Yours faithfully,

June 25th.

Interview between

Mr. Bolton, Dept. of Mines, Ottawa,
and
Local Secretary.

Local Secretary informed him of suggested arrangements in regard to Montreal and the visit to Ottawa on the 4th of August, and of the fact that local Toronto funds will not be available to assist entertainment in other cities. Mr. Bolton advised the Secretary that Ottawa would not be able to accommodate much over 200 members.

The Secretary suggested that the visitors might arrive in Ottawa on the evening of the 4th, that the Ottawa district Committee might get the Board of Trade or Motor League to provide cars to take visitors sight-seeing round Ottawa; that the officers of the B.A. might be received officially and that various gentlemen in Ottawa might be induced to show members of the various B.A. Sections, matters of special interest to their sections.

In this respect, a special note might be sent on board the B.A. ships outlining the programme and advising the members to ask the Motor car drivers after sight seeing, to take them at a certain hour to the special point of scientific interest they wish to see. The visitors could then leave by the B.A. trains and arrive in Toronto about 8.30 to 9.30 P.M. on the 5th August.

Mr. Bolton agreed to ask the Secretary of the Ottawa District Committee, to go into the question of accommodation and meals for the members so that a note on this matter and the changes could be included in the notes for members to be sent on board the ships .

June 27th, 1924

Dr. J.J.R.Macleod,
Biological Station,
St. Andrews, N. B.

Dear Dr. Macleod:-

I wish to confirm our conversation of last night and can now give you some further information.

(1) The Mount Royal Hotel will undertake to take care of 450 delegates on Sunday, August 3rd. A registration room will be found on the ground floor of the hotel and it is requested that all delegates register there as soon as possible after arrival for excursions, etc.

(2) Representatives of the Canadian National and Canadian Pacific Railways met in my office this morning and will write you direct regarding trains. We have arranged the following:

- (a) A C.P.R. train to leave Montreal Monday night about 11 p.m. D.S.T., arrive Toronto Tuesday morning.
- (b) A C.N.R. train to leave Montreal Monday night 10 p.m. D.S.T., lie over in Ottawa, leaving Ottawa Tuesday 11 p.m. D.S.T., arrive Toronto Wednesday morning. Breakfast at Chateau Laurier 8 a.m. Tuesday, price \$1.00

Ticket offices will be opened in the Registration Room at the Mount Royal Hotel. Those wishing to take advantage of these special trains must obtain their tickets on Sunday, August 3rd, otherwise they will have to make their own arrangements for transportation to Toronto.

Dr. J.J.R. Macleod

- 2 -

(3) The following entertainments are offered on Monday, August 4th:

(a) Luncheon at Macdonald College. It has now been found necessary to limit this luncheon to 150 and those wishing to go are requested to register as soon as possible after arrival.

(b) Botanical excursion, invitations for which have been sent out by Professor Lloyd. Proceed by cars to St. Jerome, lunch there, return to University of Montreal, thence to McGill at 5p.m. This excursion is primarily for Botanists, but Zoologists may join this party if they wish to do so.

(c) A trip to Montreal Harbour. This trip is limited to 50 and there is no accommodation for ladies. Those wishing to go on this excursion will also register as soon as possible after arrival on Sunday.

(d) If sufficient applications are received a sight-seeing trip will be arranged to visit the universities.

There will be no charge in respect of b, c and d. Those wishing to go to luncheon at Macdonald will be able to purchase railway tickets in the Registration Room. Price \$1.05 return. A special train has been arranged for this trip.

We would be glad if the foregoing, especially the provisions regarding registration and limitation, could be included in your printed announcement to be given all members at Quebec or elsewhere.

It is hoped that it will be possible to arrange for a tea on Sunday, but no definite announcement can be made regarding this.

I have written to Mr. Bolton telling

Dr. J.J.R.Macleod - 3 -

him when the party will arrive in Ottawa.

I trust these arrangements will be
found satisfactory.

Yours faithfully,

University of Toronto

TORONTO, CANADA

DEPARTMENT OF PHYSIOLOGY

June 24th, 1924.

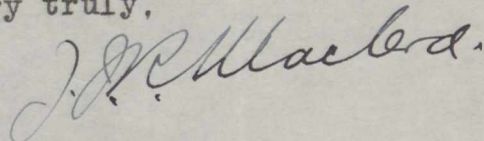
Sir Arthur Currie, G.C.M.G., K.C.B., LL.D.,
Principal,
McGill University,
Montreal, Que.

Dear Sir Arthur,

I am in receipt of your letter of June 11th and in reply beg to say that we are very sorry that you cannot see your way clear to give one of the short addresses at the 75th Anniversary meeting of the Royal Canadian Institute to be held here on November 1st next. Sir Robert Falconer and Professor Coleman have agreed to give such addresses, pertaining more particularly to the work of the Institute locally, and we had hoped that you might favour us by referring to the importance of public support for science in connection with the welfare of Canada. If anything should happen to make it possible that you could still take part in the programme, believe me, that it would be greatly appreciated, and a place will be held open on the programme for you.

I am

Yours very truly,



Vice-President,
Royal Canadian Institute.

JJRM/MG.

C O P Y.

June 27th, 1924.

Dr. J.J.R. Macleod,
Biological Station,
St. Andrews, N. B.

Dear Dr. Macleod:-

I wish to confirm our conversation of last night and can now give you some further information.

(1) The Mount Royal Hotel will undertake to take care of 450 delegates on Sunday, August 3rd. A registration room will be found on the ground floor of the hotel and it is requested that all delegates register there as soon as possible after arrival for excursions, etc.

(2) Representatives of the Canadian National and Canadian Pacific Railways met in my office this morning and will write you direct regarding trains. We have arranged the following:

- (a) A C.P.R. train to leave Montreal Monday night about 11 p.m. d.s.t., arrive Toronto Tuesday morning.
- (b) A C.N.R. train to leave Montreal Monday night 10 p.m. d.s.t., lie over in Ottawa, leaving Ottawa Tuesday 11 p.m. d.s.t. Breakfast at Chateau Laurier 9 a.m. d.s.t., (price \$1.00) Tuesday. Arrive Toronto Wednesday morning.

Ticket offices will be opened in the Registration Room at the Mount Royal Hotel. Those wishing to take advantage of these special trains must obtain their tickets on Sunday, August 3rd, otherwise they will have to make their own arrangements for transportation to Toronto.

(3) The following entertainments are offered on Monday, August 4th:

(a) Luncheon at Macdonald College. It has now been found necessary to limit this luncheon to 150 and those wishing to go are requested to register as soon as possible after arrival.

(b) Botanical excursion, invitations for which have been sent out by Professor Lloyd.

Dr. J.J.R.Macleod

- 2 -

by cars to St. Jerome, lunch there, return to University of Montreal, thence to McGill at 5 p.m. This excursion is primarily for Botanists, but Zoologists may join if they wish to do so.

(c) A trip to Montreal Harbour. This trip is limited to 50 and there is no accommodation for ladies. Those wishing to go on this excursion will also register as soon as possible after arrival on Sunday.

(d) If sufficient applications are received a sight-seeing trip will be arranged to visit the universities.

There will be no charge in respect of b, c and d. Those wishing to go to luncheon at Macdonald will be able to purchase railway tickets in the Registration Room. Price \$1.05 return. A special train has been arranged for this trip.

We would be glad if the foregoing, especially the provisions regarding registration and limitation, could be included in your printed announcement to be given to all members at Quebec or elsewhere.

It is hoped that it will be possible to arrange for a tea on Sunday, but no definite announcement can be made regarding this.

I have written to Mr. Bolton telling him when the party will arrive in Ottawa.

I trust these arrangements will be found satisfactory.

Yours faithfully,

Wilfrid Bovey.

June 28th, 1924.

Mr. Bolton,
Department of Mines,
Ottawa.

Dear Sir:-

Dr. Macleod informs me that you are taking charge of the British Association visit to Ottawa.

I have arranged for the Canadian National Railway to take the party to Ottawa on the night of the 4th of August. They will sleep in the cars and be given breakfast at 8 a.m. d.s.t. at the Chateau Laurier, price \$1.00. They will leave Ottawa for Toronto by the same train about 11 p.m. on the night of August 5th.

Yours faithfully,

OFFICE OF THE
DEPUTY MINISTER

CANADA



DEPARTMENT OF
MINES

Ottawa, June 30th, 1924.

Mr. Wilfrid Bovey,
c/o The Principal,
McGill University,
Montreal,
P.Q.

Dear Sir,

I wish to thank you for your letter of the 28th inst. furnishing some information relative to the forthcoming visit to Ottawa of members of the British Association for the Advancement of Science. It is of interest to secure the information you have furnished as we had nothing definite until your letter arrived.

There are some other points upon which we would like if possible to secure information; 1st, how many visitors will make the trip to Ottawa, 2nd, will the presidential party visit Ottawa, 3rd, is any different treatment in the way of entertainment being accorded the presidential party than the other members.

Any information which you can give us as to the nature of entertainment provided in Montreal would be welcomed by the local committee as a guide.

As it was only a few days ago that any advice reached Ottawa to the effect that some visitors would come to Ottawa there has been no meeting of the local committee. A committee was organized last winter of which Mr. F.C.C. Lynch, c/o Natural Resources, Intelligence ~~Service~~ Motor Bldg., Ottawa, is secretary. Your reply to this letter may be addressed to Mr. Lynch as the undersigned has so far interested himself in this matter only to the extent of securing information for Mr. Lynch, when he was recently in Toronto.

Yours very truly,

R. E. Bolton

Secretary, Department of Mines.

*Y. In. Col. Dwyer
Informant*

2nd July, 1924.

Prof. W. Ashley,
29 George Road,
Edgbaston,
Birmingham, England.

Dear Professor Ashley:-

I beg to acknowledge your letter of June 19th, and am delighted to hear that you intend to visit Macdonald College on the 4th August. I trust that you will bring your two daughters with you to Ste. Annes; we shall be delighted to have them at the luncheon and to give them every opportunity of going over the institution. I am rather interested in their careers, and they may find something here that may be of service to them.

Faithfully yours,

Principal.

L.

The British Association for the Advancement of Science

94th Year—Toronto Meeting, August 6th to 13th, 1924

CHAIRMAN OF THE LOCAL GENERAL
AND EXECUTIVE COMMITTEES:
PROF. J. C. McLENNAN, PH.D.,
D.Sc., LL.D., F.R.S.

LOCAL HONORARY SECRETARIES:
PROF. J. C. FIELDS, PH.D., F.R.S.
PROF. J. J. R. MACLEOD, M.B.,
C.H.B., D.Ph., F.R.S.

LOCAL ASSISTANT SECRETARY:
MAJOR J. M. MOOD, O.B.E., M.C.

OFFICE:
ROOM 50,
PHYSICS BUILDING,
UNIVERSITY OF TORONTO
TORONTO.

TELEPHONE TRINITY 5000

IMPERIAL CABLE ADDRESS:
RAMSMAC,
TORONTO.

TORONTO, July 2nd 1924.

Dear Sir Arthur Currie;-

I believe Doctor J.J.R. Macleod has seen you on the matter of the arrival of the British Association in Canada. In continuation of any information he may have given you, I should like to add a few notes extracted from a letter I have just received from Doctor McLennan (in England).

He states that the Melita, Montrose and Montlaurier will arrive in Quebec early on the 1st of August (Griday) ; that the first two will then proceed to Montreal on that day and will arrive early on the 2nd of August in Montreal. The official party however, will arrive on the 2nd of August in Quebec on the Megantic and Caronia and will be entertained in Quebec that day until it leaves about 4 P.M. or 5 P.M. for Montreal, reaching that city late that night. I may say we have no real information on this side as to what is taken to be the dimensions of the " official party " : there are some sixty officers and also one hundred to one hundred and fifty prominent scientists. Beyond these numbers, we expect about two hundred other members, the whole four hundred possibly travelling on the five boats mentioned earlier. Dr. McLennan promises us lists as soon as possible.

It would be a very great convenience to the whole party, if your Committee could establish reception and information bureaus for members arriving by boat and by train, and could keep these open during Sunday the 3rd of August.

Dr. McLennan also states that many visitors are hoping to keep down expenses to a minimum. If, when you get lists from him, you could book rooms for them at the cheaper hotels such as the Queens, or could offer them hospitality in the University residences, this would be very greatly appreciated.

The Local Committee has been considering a visit to Ottawa of some two hundred members including, as a nucleus, the official party - this party to leave Montreal, say 4 P.M. on Monday the 4th of August. Dr. McLennan does not mention this in his letter ; however, Ottawa appears to be very anxious that this visit should take place and the District Committee there is now considering a programme for the morning of the 5th August I understand.

Ref. No. JC 2646
Mont.

The British Association for the Advancement of Science

94th Year—Toronto Meeting, August 6th to 13th, 1924

CHAIRMAN OF THE LOCAL GENERAL
AND EXECUTIVE COMMITTEES:
PROF. J. C. MCLENNAN, PH.D.,
D.SC., LL.D., F.R.S.

LOCAL HONORARY SECRETARIES:
PROF. J. C. FIELDS, PH.D., F.R.S.
PROF. J. J. R. MACLEOD, M.B.,
C.H.B., D.PH., F.R.S.

LOCAL ASSISTANT SECRETARY:
MAJOR J. M. MOOD, O.B.E., M.C.

OFFICE:
ROOM 50,
PHYSICS BUILDING,
UNIVERSITY OF TORONTO
TORONTO.

TELEPHONE TRINITY 5000

IMPERIAL CABLE ADDRESS:
RAMSMAC,
TORONTO.

TORONTO, July 2nd. 1924.

Page 2.

Those who do not make this visit will probably leave Montreal on Tuesday morning (the 5th August) so as to arrive in Toronto about 5 P.M. on that day.

The Local Committee here will be very glad to have any details as to arrangements in Montreal. so soon as you formulate them thus to be enabled to send the information to England.

Yours faithfully,

J. M. Mood
Local Secretary,

Sir Arthur Currie, G.C.M.G., K.C.B., LL.D.,
McGill University,
Montreal, Que.

British Association for the Advancement of Science.

BURLINGTON HOUSE,

LONDON, W.1.

TELEPHONE :
GERRARD 7213.

2nd July 1924.

Sir Arthur Currie, G.C.M.G., K.C.B., LL.D.
McGill University,
MONTREAL,
Canada.

Dear Sir Arthur,

The official party of the British Association should reach Montreal late on Saturday night August 2nd. Others will arrive on Friday on the Steamers "Melita", "Montrose" and "Montlaurier". Most of the passengers from the "Megantic" and "Caronia" will probably come by train from Quebec.

I find many of the people going out have not been to Canada before, and feel rather timid about it all. If you could have a Committee at the Wharf, and at the Station, to assist and advise those arriving, I know it would be appreciated. Many too would I know be glad if accommodation could be reserved for them. This is specially true of those who wish to travel rather cheaply. The Queens Hotel will be more in keeping with the contents of some of their pockets than the more expensive hotels. If citizens could extend them hospitality it would be appreciated too. Word should be sent to Rimouski indicating where the B.A.A.S. people should call for information in Montreal.

Prof.
I learned from Mr. Eve that you are making elaborate arrangements to entertain the Scientists and I know it will be appreciated. Many of them will be with you from Saturday night till Tuesday morning. It is our desire that they should travel up to Ontario in the day time on Tuesday. If I can help you in any way you can always reach me by cable or letter to the Athenaeum Club, Pall Mall, S.W.1.

Yours sincerely,

W. Chapman

July 3rd, 1924.

Brother Director Ernest,
St. Jerome College,
St. Jerome, Que.

Dear Sir:-

Permit me to thank you most kindly for the courtesies which I received at the hands of your representative Brother Rogatian yesterday on my visit to your College. I write now merely to confirm our conversation.

The visitors whom we plan to entertain on Monday, August 4th (this date is now definitely fixed) are the Botanists, and possibly some Zoologists, representing Section "K" of the British Association for the Advancement of Science. We had hoped to give these visitors the opportunity of seeing the laboratories at the University of Montreal and at McGill. In order to do this I expect that we shall have to leave St. Jerome about three o'clock in the afternoon. This will give us about four or five hours at St. Jerome. If we carry out this plan we shall arrive at the University of Montreal about 4.30, spend half an hour there and so to McGill for another half hour, completing the excursion about 6 p.m.

As soon as I know the number of visitors and other final arrangements I will let you know at once.

Again thanking you for your courtesy in this matter,

Believe me,

Faithfully yours,

For Information

of

Montreal District
Committee

Page Two

will move by motor boat to either Prescott or Brockville, the details of which we will advise you later.

As this party will consist of some of the most eminent Scientists of the world, every effort should be put forth to ensure an agreeable and comfortable trip.

Yours truly,

M. O. Duffie
City Passenger Agent.

WHO'D/S.

CC to

Dr. J. J. MacLeod,
Toronto University Biological Station,
St. Andrews, N.S.

Colonel Wilfrid Bovey
McGill University, Montreal.

Mr. Bolton,
Department of Mines,
Ottawa, Ont.

VISIT OF THE BRITISH ASSOCIATION FOR THE ADVANCEMENT
OF SCIENCE.

The following arrangements have been made
regarding the meeting of Boats and Trains,
registration for trips, etc.

BOATS and TRAINS.

Melita	August 1st	Dr. Waldbauer
Montrose	2nd	Mr. Wittemore
Montlaurier (Boat Train)	1st	Mr. Priestman
Caronia "	" 2nd	Prof. Burr
Megantic	2nd	Col. Bovey

SPECIAL TRAINS

(Early Morning) Sunday, August 3rd.

Windsor Station	Col. Bovey
Place Viger	Mr. Wittemore
Bonaventure	Prof. Burr
	Dr. Waldbauer
	Dr. Bieler
	Mr. Priestman

REGISTRATION

Mount Royal Hotel *Sunday 9.30*

<u>Sunday 9.30 a.m.</u>	for Garden Party at Lord Atholstan's.	Dr. Waldbauer
"	Harbour Visit	Mr. Wittemore
<u>Monday, Aug. 4th</u>	Botanical Excursion	Prof. Lloyd
	Universities trip	Dr. Bieler
	Lunch at Macdonald	Mr. Lysons
	Engineering trip	Mr. Priestman

McGill Special Car to Toronto

GARDEN PARTY AT LORD ATHOLSTAN'S

Charabancs leave Mount Royal Hotel, 3 p.m. Sunday
Col. Bovey
Dr. Bieler
Mr. Wittemore

HARBOUR VISIT

Monday, August 4th, 11 a.m. Mr. Wittemore

BOTANNICAL TRIP

Monday, 9. a.m. Prof. Lloyd

UNIVERSITIES TRIP

Monday, 9.30 a.m. Dr. Bieler
Prof. Simpson
Dr. Waldbauer

Macdonald College 11 a.m. Col. Bovey

DEPARTURE Mt. Royal Hotel 9 p.m.

C.N.R. via Ottawa Col. Bovey, Dr. Bieler, Mr. Wittemore

C.P.R. direct to Toronto- Prof. Burr, Dr. Waldbauer,
Mr. Priestman.

List of suggested excursions

(a) A trans-continental excursion

and

(b) Various shorter excursions such as:-

- (a) Niagara Falls from Toronto and New York or en route to Toronto
- (b) Northern Ontario (Mining and Pulp and Paper District) from Toronto
- (c) Muskoka, Georgian Bay and Algonquin Districts from Toronto
- (d) Shawinigan from Montreal or Quebec
- (e) Saguenay District from Quebec
- (f) Sydney and Newfoundland from Halifax
- (g) Marine Biological Station from Halifax, Quebec or Montreal
- (h) St Anne's Agricultural College from Montreal
- (i) Ottawa from Montreal
- (j) Guelph Agricultural College from Toronto
- (k) Special Excursions in British Columbia and Alberta

CONDITIONS AND PRIVILEGES OF MEMBERSHIP .

No technical qualification is required on the part of an applicant for admission as a member of the Association . All members (except as specified below) are eligible to any office in the Association .

I LIFE MEMBERS for a composition of £15, are entitled to attend the Annual Meetings and to receive, if they desire, the Reports of the Association that may be published after the date of their admission .

II OLD ANNUAL REGULAR MEMBERS, i.e. those who have from the annual meeting in September 1919 or earlier date, maintained their subscriptions without intermission and continue to do so, are entitled, for an annual subscription of £1 to attend the Annual Meeting and to receive the Annual Report, when published, on demand .

III ANNUAL MEMBERS (a) on a payment of £1.10s made before or at the Annual Meeting, are entitled to attend the Annual Meeting AND to receive the Report

(b) on payment of £1 are entitled EITHER to attend the Annual Meeting, OR to receive the Report .

(Note... Annual Members who, having paid £1 and attended the Annual Meeting, desire subsequently to obtain the Report, may do so on payment of 12s.6d within a fixed period not extending beyond the close of the financial year on June 30 following the Meeting .)

IV TRANSFERABLE TICKETS, price £1.5s admit one person to any meeting or other function during the Annual Meeting, but to no other privilege .

V. STUDENT'S TICKETS, price 10s. are issued under the following regulations :-

(a) University and other students and teachers vouched for as resident or working in the locality where the Annual Meeting takes place, may obtain Student's Tickets . Holders of such tickets shall not be entitled to any privilege beyond attendance at the Annual Meeting .

(b) University Students, not resident or working in the locality where the Annual Meeting takes place, may, on the recommendation of any recognised University or College, obtain, ON ONE OCCASION ONLY, Students tickets . Holders of such tickets shall not be entitled to any privilege beyond attendance at the Annual Meeting, but shall not be debarred from attendance under Clause (a)

Any person desiring a Student's Ticket must first obtain a form of application which is to be completed by the applicant and the principal of his University or Institution, and must be presented BY THE APPLICANT IN PERSON in order to obtain the ticket of membership .

Members of the Association who have intermitted their annual subscription may renew their membership and attend without being called upon for arrears .

By standing order of the Council, membership tickets may be exchanged on application and payment, for tickets of higher value, but no ticket can be exchanged for one of lower value .

THE PRESIDENT AND CERTAIN NOMINATIONS AS VICE PRESIDENT
FOR THE 92nd (TORONTO) MEETING .

PRESIDENT .

Major General SIR DAVID BRUCE . K.C.B. C.B. M.B.

VICE PRESIDENTS .

His Excellency the Governor General of Canada the Rt Hon LORD BYNG
OF VIMY G.C.B. G.C.M.G. M.V.O.
Ottawa .

His Hon the Lieut Governor of Ontario HARRY COCKSHUTT
Toronto .

The Rt Hon The prime Minister of Canada, WILLIAM LYON MACKENZIE
KING C.M.G. M.A. LL.B. LL.D. Ottawa .

The Hon The Speaker of the House of Commons Hon RODOLPHE LEMISUX
Ottawa .

The Hon The High Commissioner for Canada, P.C. LARKIN

The Hon the prime minister for Ontario G. HOWARD FERGUSON LL.B.
Toronto .

His Worship the Mayor of Toronto G.A. MAGUIRE
Toronto .

The Chancellor of the University of Toronto SIR EDMUND WALKER
C.V.O. LL.B. D.C.L. Toronto .

The chairman of the board of Governors of the University of Toron
The Rev H.J. GODY M.A. B.D. LL.D. Toronto

The President of the University of Toronto SIR ROBERT FAICOMER
K.C.M.G. D.Litt. LL.D. Toronto

The President of the Royal Canadian Institute Professor J.C.
FIELDS M.D. F.R.S. Toronto .

The President of the Canadian National Railways SIR HENRY THORNTON
K.B.E. Montreal

The President of the Canadian Pacific Railway E.W. BEATTY
Montreal .

The Chairman of the Local General and Executive Committees
Professor J.C. McLENNAN C.B.E. Ph.D. D.Sc. LL.D. F.R.S.
Toronto .

MONTREAL, July 3rd, 1924.

My dear Sir Arthur:-

Replying to yours of the 24th June, delivered only on the 28th, will be very glad to see the visiting members of the British Scientists for tea on Sunday, 4th August, with you and Lady Currie and any others you may wish to have with the party. We will be glad if convenient to let my wife know at what hour to expect them, and if you have any suggestions as to entertaining them we will be glad to try to carry them out.

Yours sincerely

A Holstan

General Sir Arthur Currie, G.C.M.G.,
McGill University
M O N T R E A L.

July 7th, 1924.

Rt. Hon. Lord Atholstan,
Montreal.

Dear Lord Atholstan:-

I was very glad to receive your note inviting the members of the British Association for the Advancement of Science to tea at Cartierville. I am sure that your kindness will be much appreciated.

As regards entertainment, I do not think that anything more than a tea is really necessary. If agreeable to you, I shall try to make arrangements to have them arrive at your house shortly after 4 p.m.

Yours faithfully,

July 7th, 1924.

Major J. M. Mood, O.B.E.,
Physics Building,
University of Toronto,
Toronto, Ont.

Dear Major Mood:-

Since our last correspondence the Ottawa Committee has advised us that they found it impossible to entertain the British Association for a longer time than the morning of the 5th of August and have made a very earnest request that the train schedule be changed.

As the arrangement was made in order to suit them it seems to be the only thing to do and the Canadian National has been requested to carry out their suggestion.

Yours faithfully,

Wilfrid Bovey.

July 7th, 1924.

Major J. M. Hood, O.B.E., M.C.,
Physics Building,
University of Toronto, Ont.

Dear Major Hood:-

In reply to your letter of July 2nd, let me say that I saw Dr. J.J.R. Macleod on Thursday, June 26th and made the following arrangements with him:

The British Association party would remain in Quebec and come to Montreal on the night train of Saturday, August 2nd. That means they will arrive in Montreal on Sunday morning, August 3rd. A bureau of information will be kept open at the Mount Royal Hotel on Sunday and Monday. Accommodation for the entire party has been arranged there. We are leaving Sunday morning free and on Sunday afternoon are arranging to take the party out to Lord Atholstan's country place at Cartierville for tea, etc.

On Monday a number of excursions have been arranged and we count on one party leaving for Ottawa on Monday night and another party leaving for Toronto on the same night.

Your suggestions do not quite harmonize with those of Dr. Macleod, but I am afraid Macleod's will have to stand, because that arrangement has been definitely settled with him and with the Railway Companies and it cannot be chopped and changed about every few days. To my mind, the great thing in arranging for these parties is to make a definite arrangement and stick to it, while the party must fall in line or else go on their own altogether.

Major J.M.Mood

- 2 -

I am enclosing copy of a letter written to Dr. Macleod, from which you will see just what arrangements have been made.

Yours faithfully,

Principal.

July 9th, 1924.

Major J. M. Mood, O.B.E., M.C.,
Physics Building,
University of Toronto,
Toronto, Ont.

Dear Major Mood:-

I beg to acknowledge your letter
DC2831 Montreal, regarding the visit of the British
Association.

You will by this time have received
a letter from Sir Arthur Currie in which he points out
that it is most undesirable to make further changes.
The railway arrangements were made at a meeting called
after Professor Macleod's visit and you can be assured
that all members of the party will be extremely comfort-
able. If necessary we can make some special arrangement
for the members of the official party. If any of them
require to be in Toronto on the night of Tuesday they
can, no doubt, arrange to proceed individually.

Yours faithfully,

Wilfrid Bovey.

The British Association for the Advancement of Science

Ref. No. DC2831
Mont.

94th Year—Toronto Meeting, August 6th to 13th, 1924

CHAIRMAN OF THE LOCAL GENERAL
AND EXECUTIVE COMMITTEES:
PROF. J. C. McLENNAN, PH.D.,
D.Sc., LL.D., F.R.S.

LOCAL HONORARY SECRETARIES:
PROF. J. C. FIELDS, PH.D., F.R.S.
PROF. J. J. R. MACLEOD, M.B.,
C.H.B., D.Ph., F.R.S.

LOCAL ASSISTANT SECRETARY:
MAJOR J. M. MOOD, O.B.E., M.C.

OFFICE:
ROOM 50,
PHYSICS BUILDING,
UNIVERSITY OF TORONTO
TORONTO.

TELEPHONE TRINITY 5000

IMPERIAL CABLE ADDRESS:
RAMSMAC,
TORONTO.

TORONTO, July 5th. 1924.

Dear Mr. Bovey;-

I have written a couple of letters on the subject of the Montreal entertainment for the British Association to Professor Eve. I gathered that he was acting as Secretary to our Montreal District Committee.

I only hope that these letters have reached the people who will be able to act on them.

However, they conform very closely with the arrangements outlined in your letter to Doctor J.J.R. Macleod dated the 27th of June. This letter is now in my hands.

- (1) Hotels : Doctor McLennan suggested arrangements for cheap hotels but perhaps your Mount Royal Hotel offer will be equally suitable.
- (2) Ottawa , it is suggested, will like to see our people during the morning of the 5th (Tuesday). From there our party would move to Toronto by the midday trains (not the evening trains as suggested in your letter) so as to arrive at 8 or 9 P.M. that same evening. This timetable will suit us better than yours because we want to get our registration in progress during Wednesday morning. Furthermore, the official party, which we hope will go to Ottawa, have quite a strenuous day before them on the Wednesday. A night in bed will be required by them to fortify them for their work.

Do you think you could re-arrange with the C.N.R. to meet our wishes in this matter. Otherwise your programme is most acceptable to us and the Local Committee are most grateful to your Committee for its proposals.

I will also write Ottawa ⁱⁿ to enclose a copy of this letter.

Yours faithfully,

John Wood
Local Secretary.

Wilfrid Bovey, Esq., M.C.,
McGill University,
Montreal, Que.

July 9th, 1924.

Personal.

Dr. W. L. McDougald,
Chairman, Harbour Commissioners,
57 Common Street,
Montreal.

My dear Dr. McDougald:-

I telephoned your office this morning, but finding that you are out of town I am dropping you a line to say that we are now expecting the members of the British Association to be here on August 4th.

We are looking forward very much to accepting your kind offer of a trip on the Sir Hugh Allan. I think you said that it would be possible for you to take fifty. I should like some time to have a talk with you about arrangements, hours, etc., and would be glad to call on you at any time you request.

Yours faithfully,

Wilfrid Bovey.



Harbour Commissioners of Montreal

President's Office

Montreal

July 10th, 1924.

Wilfrid Bovey, Esq.,
McGill University,
Montreal.

Dear Sir:-

I am directed by the President to acknowledge your letter of the 9th instant and to say that the General Manager, Mr. Harvie, has the matter in hand and will make all arrangements to take care of the party of members of the British Association on August 4th.

Yours faithfully,

J. B. Hawken

Private Secretary.

Ref. No. DC 2969
Mont.

The British Association for the Advancement of Science

94th Year—Toronto Meeting, August 6th to 13th, 1924

CHAIRMAN OF THE LOCAL GENERAL
AND EXECUTIVE COMMITTEES:
PROF. J. C. MCLENNAN, PH.D.,
D.SC., LL.D., F.R.S.

LOCAL HONORARY SECRETARIES:
PROF. J. C. FIELDS, PH.D., F.R.S.
PROF. J. J. R. MACLEOD, M.B.,
C.H.B., D.PH., F.R.S.

LOCAL ASSISTANT SECRETARY:
MAJOR J. M. MOOD, O.B.E., M.C.

OFFICE:
ROOM 50,
PHYSICS BUILDING,
UNIVERSITY OF TORONTO
TORONTO.

TELEPHONE TRINITY 5000

IMPERIAL CABLE ADDRESS:
RAMSMAC,
TORONTO.

TORONTO, July 10, 1924.

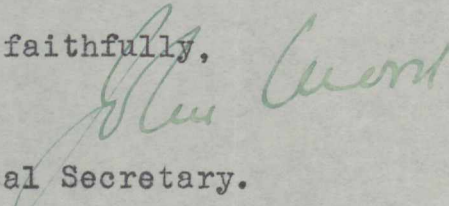
Dear Sir Arthur Currie:

The Committee wishes me to thank you for your letter of the seventh of July and the programme enclosed.

It is very gratifying to have the matter settled. The city passenger agent of the C.N.R. at Montreal has sent me a time table in amplification of your arrangements. I will send a copy of your programme to Dr. Collins, Chairman at Ottawa, although I make no doubt you have already done so.

This will clinch the circle of arrangements.

Yours faithfully,


Local Secretary.

Sir Arthur Currie,
Principal, McGill University,
Montreal, P.Q.

British Association for the Advancement of Science.

BURLINGTON HOUSE,

LONDON, W.1.

TELEPHONE :
GERRARD 7213.

10th July 1924

Sir Arthur Currie, G.C.M.G.,
McGill University,
Montreal.

Dear Sir,

I have been in consultation with Professor J.C. McLennan, Chairman of the Local Executive in Toronto for the British Association Meeting, on the subject of the reception which has been very kindly proposed to take place in Montreal, on August 3rd and 4th, for members travelling from this country, and landing at Quebec or Montreal itself. I have been instructed to take the opportunity of my own journey outward (I sail on the "Montcalm" on July 18) to call upon you, if I may, in Montreal, to discuss details. I shall be doing the same at Quebec and therefore cannot be quite sure of the time of my arrival in Montreal, but if you would be so good as to let me know - say on board the "Montcalm", at Rimouski, how and where I could meet you most conveniently to yourself, I should be very glad of the opportunity to discuss the arrangements. I may mention that we are issuing to our members a badge, of which examples are enclosed, for the purpose of easy identification.

Yours faithfully,

O.R. Howarth
Secretary.

British Association for the Advancement of Science.

BURLINGTON HOUSE,

LONDON, W.1.

TELEPHONE :
GERRARD 7213.

10th July 1924

Sir Arthur Currie, G.C.M.G.
McGill University,
Montreal, Quebec, CANADA.

Dear Sir Arthur,

This is just a line to say that Mr. Howarth, Secretary of the British Association for the Advancement of Science is sailing of the "Montcalm" on July 18th for Quebec. He should arrive about the 25th. I have asked him to get into touch with Mr. Taschereau, Dr. Delage and Dr. Parmalee at Quebec with a view to perfecting the arrangements in that city for the B.A.A.S. party arriving on Saturday August 2nd. Sir Ernest Rutherford, the President and Sir David Bruce, the President Designate will both arrive on the "Caronia" on that day at Quebec, and they constitute the head of the official party.

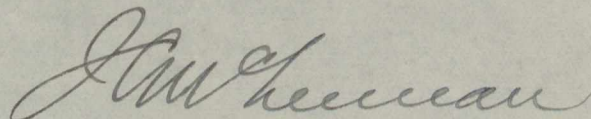
I would be greatly obliged if you would have a letter sent addressed to Mr. Howarth at Rimouski intimating where he can call on you when he reaches Montreal, as Montreal is new to him and it will make him feel a little easier to know what to do and to be able to get in touch with you.

It also occurs to me that if Professor Eve could go to Quebec to meet Mr. Howarth on landing, he could with Mr. Howarth go into the question of the Quebec reception arrangements and be a great help to him. It would also enable Professor Eve to fit in the Quebec arrangements with the Montreal ones. If Professor Eve could oblige us in this matter I should be glad to arrange to have his expenses paid. I am sorry to have to trouble you about these matters, but as I intimated to you before, these B.A.A.S. people are very timid and they will need all the kindness we can show them to make them feel happy.

I take it that your own arrangements for Montreal are being looked after. Whatever these are must be left in your hands.

With kindest regards,

Yours sincerely



July 11th, 1924.

Vernon G. Cardy, Esq.,
Manager, The Mount Royal Hotel,
Montreal.

Dear Mr. Cardy:-

In accordance with the various interviews between myself and members of your staff I understand that the following arrangements regarding the visit of the British Association are now in effect:-

(1) It is expected that from 400-500 members of the Association will arrive on the morning of August 3rd, possibly some may arrive before this date. I understand that you are prepared to accommodate at least 450.

(2) I also understand that you will provide a registration room. I have arranged with the C.P.R. and C.N.R. to send ticket agents there to assist in arranging transportation for the visitors. I spoke to Mr. Morrisette about this and he said there would be no objection. I presume it would be possible to have some such notice as you usually use on your board, or otherwise, directing members of the Association to go to this registration room.

I also understand that you are arranging for motor busses for Monday, August 4th, as follows:-

1 (or more) to take about 50 persons to the Harbour about 11 a.m. and bring them back about 3 p.m.

2 busses about 2 p.m. for a visit to Montreal.

Vernon G. Cardy, Esq. - 2 -

1 bus at 9 a.m. to go to St. Jerome.

In addition to the above I expect to require busses sufficient to convey about 150-250 to Lord Atholstan's house at Cartierville on Sunday, August 3rd, leaving the hotel at about 3 p.m. These busses would remain at Cartierville and return with the party at about 6 p.m.

Yours faithfully,

Wilfrid Bovey.

Photo Removed - Aug. 31, 1987.

Photo of McGill Prof. Wilfrid Bovey and Prof.
J.C. McLennan, University of Toronto, who welcomed
the British Association for the Advancement of
Science to Canada - Photo taken at Chateau
Frontenac, Ottawa - July 1924 -

July 12th, 1924.

Sir Robert Falconer,
President, University of Toronto,
Toronto, Ont.

Dear Sir Robert Falconer:-

Thank you very much for
sending me a copy of "A Handbook of Canada" published
by your Local Committee of the British Association
for the Advancement of Science.

It has just arrived and
I am sure I shall find it most interesting.

Yours faithfully,

CLASS OF SERVICE	SYMBOL
Day Message	
Day Letter	Blue
Night Message	Nite
Night Letter	N L

If none of these three symbols appears after the check (number of words) this is a day message. Otherwise its character is indicated by the symbol appearing after the check.

CANADIAN NATIONAL TELEGRAM



HEAD OFFICE, TORONTO, ONT.

CHAS. E. DAVIES, ACTING GEN'L. MANAGER

Exclusive Connection
with
WESTERN UNION
TELEGRAPH CO.
Cable Service
to all the World
Money Transferred
by Telegraph

87 MO CA 23 2 EXA

OTTAWA ONT JULY 17 1154A

PHILLIPS SQ. BRANCH

511 PHILLIPS PLACE
LANCASTER 1853

COL W BOVEY

MCGILL UNIVERSITY MONTREAL

LOCAL COMMITTEE UNANIMOUSLY REQUESTS THAT YOU ARRANGE TO HAVE

BRITISH ASSOCIATION LEAVE OTTAWA BY THREE PM DAY LIGHT SAVING
TIME LETTER FOLLOWS

1240PM F C C LYNCH

OTTAWA SECY

July 17th, 1924.

F. C. C. Lynch, Esq.,
Natural Resources Intelligence Service,
Ottawa, Ont.

Dear Mr. Lynch:-

In accordance with the request contained in your telegram, for which I am much obliged, I have asked the Canadian National to change the schedule of their train and it will now leave Ottawa at 2 p.m. standard time, and arrive at Toronto about 6 p.m.

Yours faithfully,

Wilfrid Bovey.

Copy sent to:

Major Mood,
Dr. J.J.R. Macleod,
Mr. M.O. Dafoe, Can. Nat.

PLEASE ADDRESS YOUR
REPLY TO THE DIRECTOR



REFER TO FILE NO.

B.A.A.S. - "B"

DEPARTMENT OF THE INTERIOR
CANADA

NATURAL RESOURCES INTELLIGENCE SERVICE

OTTAWA 18th July, 1924.

Dear Colonel Bovey:-

I wish to thank you for your very prompt reply to my wire of yesterday and your cooperation in regard to the Ottawa railway schedule.

The local committee was quite unanimous in its opinion that, taking all the circumstances into consideration, including the visitors' expressed desire to travel by daylight, and in view of the present entertainment plans, that this would be the hour best suited to the plans of the delegates and to the committee as well.

I therefore wired you to that effect yesterday morning in order that you might be enabled to make arrangements with the railway companies without further delay.

Yours very truly,

A handwritten signature in cursive script, appearing to read "F. C. C. Lynch".

F. C. C. Lynch,
Secretary,
Ottawa District Committee, B.A.A.S.

Colonel W. Bovey,
McGill University,
M O N T R E A L,
Quebec.

July 18th, 1924.

Vernon G. Cardy, Esq.,
Mount Royal Hotel,
Montreal.

Dear Mr. Cardy:-

With reference to the visit of
the British Association, will you please have notices
made, about 15 x 24 inches, to put in the Registration
Room, with the following inscriptions:-

REGISTER HERE FOR Harbour Trip	11 a.m. Aug. 4 th
Botanical Trip	9 a.m. "
Universities Trip	9.30 a.m. "
Macdonald College Lunch	"
Mr. R.S. Lea's	
Engineering Trip	3 p.m. Aug. 3 rd .
Lord Atholstan's Tea	

Yours faithfully,

Wilfrid Bovey.

OFFICE OF THE MANAGER
VERNON C. CARDY



MOUNT ROYAL HOTEL

MONTREAL, CANADA

DIRECTION
UNITED
OF AMERICA

July twenty-first
1 9 2 4

Prof. Wilfrid Bovey
McGill University,
C I T Y.

Dear Professor Bovey:-

I greatly appreciate your letter of July 18th and assure you that it will be a real pleasure to take care of the notices required for your registration room, as well as those for trips and entertainments arranged for the British Association for Advancement of Science to arrive here next month.

Yours faithfully,

THE MOUNT ROYAL HOTEL COMPANY LIMITED.

VGC:D

Manager.

July 21st, 1924.

Dr. G. W. Parmelee,
Department of Public Instruction,
Quebec, Que.

Dear Dr. Parmelee:-

I have been informed that Mr. Howarth, Secretary of the British Association for the Advancement of Science is expected in Quebec on the evening of July 24th or the morning of July 25th.

At the request of Dr. McLennan, who is arranging the Canadian visit, I am sending Colonel Bovey to Quebec to meet him. I would be very much obliged if you and Mr. Delage would see them on Friday morning or afternoon in order that the arrangements for the reception of the members of the British Association in Quebec may be completed.

Would you be good enough to
wire reply.

Yours faithfully,

July 21st, 1924.

Hon. L. A. Taschereau,
Prime Minister,
Quebec, Que.

Dear Mr. Prime Minister:-

I have been informed that Mr. Howarth, Secretary of the British Association for the Advancement of Science is expected in Quebec on the evening of July 24th or the morning of July 25th.

At the request of Dr. McLennan, who is arranging the Canadian visit, I am sending Colonel Bovey to Quebec to meet him. I would be very much obliged if you would be kind enough to see them on the afternoon of the 25th in order that Mr. Howarth may have the pleasure of meeting you and completing the arrangements which, I understand, have been made for the reception of the members of the Association in Quebec.

Would you be good enough to wire reply.

Yours faithfully,

The British Association for the Advancement of Science Mont,
94th Year—Toronto Meeting, August 6th to 13th, 1924

CHAIRMAN OF THE LOCAL GENERAL
AND EXECUTIVE COMMITTEES:
PROF. J. C. McLENNAN, PH.D.,
D.Sc., LL.D., F.R.S.

LOCAL HONORARY SECRETARIES:
PROF. J. C. FIELDS, PH.D., F.R.S.
PROF. J. J. R. MACLEOD, M.B.,
C.H.B., D.Ph., F.R.S.

LOCAL HONORARY TREASURER:
F. A. MOURE, MUS. DOC.

LOCAL ASSISTANT SECRETARY:
MAJOR J. M. MOOD, O.B.E., M.C.

OFFICE:
UNIVERSITY OF TORONTO,
TORONTO.

TELEPHONE TRINITY 5000
IMPERIAL CABLE ADDRESS:
RAMSMAC,
TORONTO.

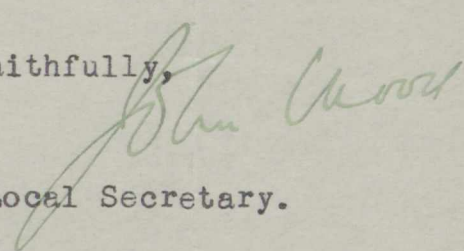
TORONTO, July 22nd, 1924.

Dear Colonel Bovey,-

I enclose an arrival list which has just reached me from England. It will be a guide as to members although it is not a complete list I am told. Do not take notice of the Toronto residences marked thereon, that information is a little out of date in places.

I have this day sent a cable to Dr. McLennan asking him to select someone on each boat to canvas members on board as to their intentions in regard to the various offers of entertainment, Railway movements, accommodation required, etc. and to wireless you early information on these points. This I hope will remove all uncertainties in time for you to make detailed preparations. This will not supercede my intention of sending circulars on board the ships at Rimouski.

Yours faithfully,


Local Secretary.

Colonel Wilfrid Bovey,
McGill University,
Montreal, Que.

CANADIAN PACIFIC RAILWAY COMPANY

INTER-DEPARTMENT
CORRESPONDENCE

AMD/F.

FILE

4-3-1/4-V

Quebec, July 24th., 1924.

BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE
INTERNATIONAL MATHEMATICAL CONGRESS
-----TORONTO--August 6-16--1924.-----

Colonel Bovey,
McGill University,
Montreal.

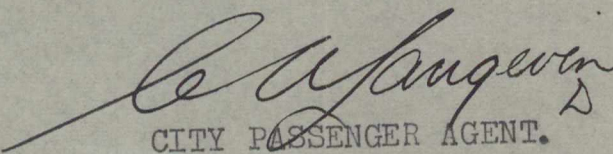
Dear Sir,

Confirming telephone conversation
date.

I understand that party travelling under the auspices of the "British Association for the Advancement of Science" on Canadian Pacific Steamships, via Canadian Pacific Railway from Quebec to Montreal, will be as follows:-

SS "Montlaurier"	15
SS "Montrose"	50
SS "Melita"	30
SS "Montcalm"	5
SS "Montroyal"	<u>5</u>
TOTAL	105

If delegates are not in possession of rail tickets from Quebec, transportation will be issued to them and a representative from this Company will be on hand at the Chateau Frontenac on Friday and Saturday, August 1st and 2nd, for the purpose of selling sleeping car tickets to party, who will be handled on our 11.55 P.M. train, or section, from Quebec, Saturday, August 2nd.


CITY PASSENGER AGENT.

Ref. No.

The British Association for the Advancement of Science

94th Year—Toronto Meeting, August 6th to 13th, 1924

CHAIRMAN OF THE LOCAL GENERAL AND EXECUTIVE COMMITTEES:
PROF. J. C. McLENNAN, PH.D.,
D.Sc., LL.D., F.R.S.

LOCAL HONORARY SECRETARIES:
PROF. J. C. FIELDS, PH.D., F.R.S.
PROF. J. J. R. MACLEOD, M.B.,
C.H.B., D.Ph., F.R.S.

LOCAL HONORARY TREASURER:
F. A. MOURE, MUS. DOC.

LOCAL ASSISTANT SECRETARY:
MAJOR J. M. MOOD, O.B.E., M.C.

OFFICE:
UNIVERSITY OF TORONTO,
TORONTO.

TELEPHONE TRINITY 5000

IMPERIAL CABLE ADDRESS:
RAMSMAC,
TORONTO.

TORONTO, 26/7/ 1924.

Dear Colonel Bony

Mr. Howarth has just arrived
& is talking over things you offer to
assist us by meeting the visitors at Quebec
camp up - The Committee here will be
most grateful to you if you will go to Quebec
& guide the parties on their way here
and direct us to state that your
expenses on its business will be
sprayed out of local funds

Yours faithfully

J. M. Wood
Secy

July 28-1924.

Several months ago, Mr. R. S. Lea, consulting engineer of Montreal, was invited by the Engineering Section of the British Association to read a paper at Toronto on the St. Lawrence. - Later on, it was suggested that the members would like to visit the locations for the proposed works, particularly the power plants. Accordingly, Mr. Lea has arranged for a trip up the river on Monday and Tuesday next. The party will number about 30, and after visiting the Cedars Rapids power plant, will board the Montreal Harbour Commissioners' yacht "Bethalma", which has been placed at their disposal through the courtesy of Dr. Milton Hersey, and will proceed through Lake St. Francis to Cornwall, where an inspection will be made of the sites of the proposed works at the Long Sault, utilizing for that purpose the launches of the Ontario Hydro-Electric Commission and a number of automobiles provided by a Committee of the local authorities. Monday night will be spent in Morrisburg, where arrangements have been made by the Council and citizens for their entertainment. The location of the proposed works at Morrisburg and above, will be visited on the trip up the river, which will be continued on Tuesday to Brockville, where it is expected connection will be made with the Toronto steamer, enabling the party to see the Thousand Islands.

The party will be made up of the visiting members of the Engineering Section of the British Association, of which Professor G. W. O. Howe, of the University of Glasgow, is President, and Professor F. C. Lea, of Birmingham University, is Recorder, and it will include the Professors of Engineering of most of the British Universities, as well as other leading members of the profession.

Mr. Lea, who was for several years a member of the staff of the McGill Engineering Faculty, has had considerable experience on the St. Lawrence in connection with the developments of the rapids within the Province of Quebec, and as consulting engineer on the proposed developments of the international stretch of the river by the Hydro-Electric Power Commission of Ontario.

OFFICE OF THE MANAGER
VERNON G. CARDY



MOUNT ROYAL HOTEL

MONTREAL, CANADA

July twenty-ninth
1 9 2 4

Colonel Bovey,
McGill University,
C I T Y.

Dear Col. Bovey:-

In order that there may be no misunderstanding concerning the arrangements that you asked me to make with Mr. Harwood of the Kennedy Taxis, Limited, I enclose herewith copy of letter written to Mr. Harwood this morning.

I shall be glad to hear from you if these arrangements are not what you desire.

Yours faithfully,

THE MOUNT ROYAL HOTEL COMPANY LIMITED.

L.P./D

Louise Parker
Secretary to Manager.



C O P Y

July twenty-ninth

1 9 2 4

Mr. F. E. Harwood,
General Manager, Kennedy Taxis, Limited,
Montreal.

Dear Mr. Harwood:-

Confirming our telephone conversation of this morning I enclose herewith Programme of the visit to Montreal of the British Association for the Advancement of Science.

With reference to the trips which Col. Bovey, of McGill University has arranged for these people, I confirm herewith the arrangements as understood by Col. Bovey.

SUNDAY, August 3rd., 3 p.m. leave Mount Royal Hotel for tea with Lord Atholstan; about 200, taxis to be used taking five persons in each one, at \$6.00 per Taxi, returning 6.30 p.m.

MONDAY, August 4th, 9 a.m. leave Mount Royal Hotel for Terrebonne, about thirty people, buses required from 9 a.m. to 3 p.m. \$2.50 per person.

MONDAY, 9.30 a.m. leave Mount Royal Hotel going to University of Montreal, short visit there, return to McGill University,- 50 cts. per person

MONDAY, 11 a.m. leave Mount Royal Hotel for visit to Montreal Harbour, 25 cts. per person, each way.

The fares for the trip to the University of Montreal, returning to McGill University, and to the Montreal Harbour, are to be collected on the Buses; the other trips are to be paid for by McGill University, the account to be sent to Col. Bovey.

Yours faithfully,

THE MOUNT ROYAL HOTEL COMPANY LIMITED.

Secretary to Manager.

The British Association for the Advancement of Science

94th Year—Toronto Meeting, August 6th to 13th, 1924

CHAIRMAN OF THE LOCAL GENERAL
AND EXECUTIVE COMMITTEES:
PROF. J. C. McLENNAN, PH.D.,
D.Sc., LL.D., F.R.S.

LOCAL HONORARY SECRETARIES:
PROF. J. C. FIELDS, PH.D., F.R.S.
PROF. J. J. R. MACLEOD, M.B.,
C.H.B., D.Ph., F.R.S.

LOCAL HONORARY TREASURER:
F. A. MOURE, MUS. DOC.

LOCAL ASSISTANT SECRETARY:
MAJOR J. M. MOOD, O.B.E., M.C.

OFFICE:
UNIVERSITY OF TORONTO,
TORONTO.

TELEPHONE TRINITY 5000

IMPERIAL CABLE ADDRESS:
RAMSMAC,
TORONTO.

TORONTO, July 30, 1924.

Dear Colonel Bovey:

In confirmation of my cable the other day,
the Local Committee here agree to pay your expenses
incurred on your visit to Quebec to meet the British
Association parties on or about the second of August.
And, I am to thank you for your offer to do so.

Under separate cover, I am sending you six
hundred signed transportation certificates for issue
to the members of the British Association, c/o The
Hon. Cyrille DeLage, chairman of our Quebec District
Committee. The authorities of the Railway here tell me
that you know about this business and can handle it.
Any spare certificates, will you kindly return to me at
an early date.

Yours faithfully,

John Wood
Local Secretary.

Colonel Wilfrid Bovey,
McGill University,
Montreal, Quebec.



CANADIAN PACIFIC R'Y. CO.'S TELEGRAPH

FORM T. D. 2

Day letter

TELEGRAM

CABLE CONNECTIONS. TO ALL PARTS OF THE WORLD

J. McMILLAN, General Manager of Telegraphs, Montreal.

Sent No.

Sent By

Rec'd By

Time Sent

Time Filed

Check

Send the following Message, subject to the terms printed on the back hereof which are hereby agreed to:

July 30 1924

Brother Director Ernest

College of Christian Brothers St Jerome

*We expect about 20 visitors on
excursion to your College on
Monday next. We trust ~~the~~ arrange-
ments will be satisfactory to you.
We come by bus. Kindly reply
collect*

F. E. Lloyd.

W. J. CAMP, Assistant Manager, Montreal, Que.
D. H. BOWEN, Supt., Sudbury, Ont.
W. D. NEIL, Supt., Toronto, Ont.
W. M. THOMPSON, Supt., Montreal, Que.
A. C. FRASER, Supt., St. John, N.B.

W. MARSHALL, Assistant Manager, Winnipeg, Man.
R. N. YOUNG, Supt., Vancouver, B.C.
D. L. HOWARD, Supt., Calgary, Alta.
D. COONS, Supt., Moose Jaw, Sask.
E. M. PAYNE, Supt., Winnipeg, Man.

APPROVED BY THE BOARD OF RAILWAY COMMISSIONERS FOR CANADA UNDER ORDER 162.
DATED MARCH 30, 1916.

It is agreed between the sender of the message on the face of this form and this Company, that said Company shall not be liable for damages arising from failure to transmit or deliver, or for any error in the transmission or delivery of any unrepeatable telegram, whether happening from negligence of its servants or otherwise, or for delays from interruptions in the working of its lines, for errors in cypher or obscure messages, or for errors from illegible writing, beyond the amount received for sending the same.

To guard against errors, the Company will repeat back any telegram for an extra payment of one-half the regular rate, and in that case the Company shall be liable for damages, suffered by the sender to an extent not exceeding \$200., due to the negligence of the Company in the transmission or delivery of the telegram.

Correctness in the transmission of messages can be insured by contract in writing, stating agreed amount of risk, and payment of premium thereon at the following rates, in addition to the usual charge for repeated messages, viz: one per cent. for any distance not exceeding 1,000 miles, and two per cent. for any greater distance.

This Company shall not be liable for the act or omission of any other Company, but will endeavor to forward the telegram by any other Telegraph Company necessary to reaching its destination, but only as the agent of the sender and without liability therefor. The Company shall not be responsible for messages until the same are presented and accepted at one of its transmitting offices; if a message is sent to such office by one of the Company's messengers he acts for that purpose as the sender's agent; if by telephone the person receiving the message acts therein as agent of the sender, being authorized to assent to these conditions for the sender. This Company shall not be liable in any case for damages, unless the same be claimed, in writing, within sixty days after receipt of the telegram for transmission.

No employee of the Company shall vary the foregoing.

DAY LETTERS.

This Company will receive DAY LETTERS, to be transmitted at rates lower than its standard telegram rates, as follows: one and one-half times the ten-word Day message rate shall be charged for the transmission of fifty (50) words or less, and one-fifth of the initial rate for such fifty words shall be charged for each additional ten (10) words or less.

DAY LETTERS may be forwarded by the Telegraph Company as a deferred service and the transmission and delivery of such DAY LETTERS are, in all respects, subordinate to the priority of transmission and delivery of full-rate messages.

DAY LETTERS shall be written in plain English, or in French. Code language is not permitted.

DAY LETTERS may be delivered by the Telegraph Company by telephoning the same to the addresses, and such deliveries shall be a complete discharge of the obligation of the Telegraph Company to deliver.

DAY LETTERS are received subject to the express understanding and agreement that the Company does not undertake that a DAY LETTER shall be delivered on the day of its date absolutely and at all events; but that the Company's obligation in this respect is subject to the condition that there shall remain sufficient time for the transmission and delivery of such DAY LETTER on the day of its date during regular office hours, subject to the priority of the transmission of full-rate messages under the conditions named above.

August 4th, 1924.

Sir Henry Thornton,
Canadian National Railways,
Montreal.

Dear Sir Henry:-

I should like to express my appreciation of the assistance given by your staff at Quebec and Montreal in connection with the visit of the British Association. In particular I would mention Mr. E.C. Elliott, Mr. Lucien Brousseau, Mr. Howard, Mr. Coreoran of Quebec, and Mr. Daffoe.

These gentlemen co-operated to the very utmost of their powers to make the trip a success and I am very grateful to them for all that they did.

Yours faithfully,

August 4th, 1924.

E. W. Beatty, Esq.,
President, Canadian Pacific Railway,
Montreal.

Dear Mr. Beatty:-

I should like to express my appreciation of the assistance given by your staff at Quebec and Montreal in connection with the visit of the British Association.

In particular I would mention Mr. W. B. Howard, Mr. A. D. Douglas of Quebec, Mr. Alan Burke, Mr. J. S. Nicholson, Mr. A. W. Effex and Mr. J. Coulin. These gentlemen co-operated to the very utmost of their powers to make the trip a success and I am very grateful to them for all that they did.

Yours faithfully,

McGILL UNIVERSITY
MONTREAL

THE MACDONALD PHYSICS BUILDING

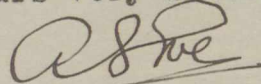
August
Fifth,
1924.

Sir Arthur Currie, G.C.M.G., K.C.B.,
Principal,
McGill University.

Dear Sir Arthur,-

I should like to call your attention to the skill and care with which Colonel Bovey made arrangements for the comfort and convenience of the British Association both at Quebec and Montreal, and no doubt Ottawa though I have not been there. Everyone seemed delighted with the arrangements and got great pleasure from their visits to McGill and to Macdonald College also.

Yours very sincerely,



Director of Physics.

August 7, 1924.

G.W.Wildblood, Esq.,
Asst. Passenger Manager,
The Robert Reford Co. Ltd.,
Montreal.

Dear Sir:-

Many thanks for your letter of the
5th instant enclosing photographs which are very
interesting.

Yours faithfully,

THE ROBERT REFORD CO.

TELEPHONE MAIN 5652

LIMITED

Steamship Agents

CABLE ADDRESS

"REFORD"

SCOTT'S CODE

1906 EDITION

AND

WATKINS' CODE

GENERAL AGENTS

CUNARD LINE

LIVERPOOL

BRISTOL

LONDON & SOUTHAMPTON

ANCHOR-DONALDSON LINE

GLASGOW

ANCHOR LINE

GLASGOW

DONALDSON LINE

GLASGOW

THOMSON LINE

(CAIRN LINE OF S.S. LTD.)

NEWCASTLE-ON-TYNE

LEITH, ABERDEEN

CALAIS

MEDITERRANEAN PORTS

MONTREAL, QUEBEC, ST. JOHN, N.B., HALIFAX, N.S., TORONTO AND PORTLAND, ME.

*20 Hospital Street,
232 25 St. Sacrament St. Montreal* August 5th, 1914

ALL COMMUNICATIONS TO BE ADDRESSED TO THE COMPANY.

IN YOUR REPLY REFER TO

Passenger Department

NUMBER P-42976.

Col. W. Bovey,
McGill University,
Montreal...

Dear Sir:-

If affords us considerable pleasure to send you herewith a complete set of the photographs taken by our official photographer on board the Cunard liner "Caronia" between Father Point and Quebec.

So far as the large group is concerned, we are arranging to supply each member of the delegation with a copy in a cardboard tube and these will be distributed through our Toronto office.

Yours truly,

THE ROBERT REFORD CO. LIMITED.

J. H. McElblood

GWW/HG.

Asst. Passenger Manager.

August 5th, 1924.

Major J. M. Mood,
Secretary, British Association,
University of Toronto,
Toronto, Ont.

Dear Major Mood:-

In accordance with the request of your Committee I proceeded to Quebec on the 31st of July in order to co-ordinate the arrangements of the Quebec Committee.

As I found that they were expecting me to make all arrangements regarding the meeting of boats and trains I did this myself, meeting all five boats and making the necessary arrangements for the C.N.R. special train, special sections on the C.P.R. train, etc. The principal difficulty, as you have doubtless been advised by this time, arose from the fact that the Caronia came in 18 hours ahead of the time when you had been informed that she would arrive and it was therefore somewhat difficult to satisfy everyone's requirements. Arrangements were, however, made with the Cunard line by which all the delegates could remain on board during the night and immediately after breakfast they gathered at the Chateau Frontenac.

I presume you have received a copy of the Quebec programme, and I would like to say that the Quebec Committee, which was mostly composed of Civil Service men, did everything in their power to make the delegates enjoy themselves with the limited means at their disposal.

I found that no particular arrangements had been made for the accommodation of

Major J.M.Mood

- 2 -

Sir David Bruce and he was therefore provided with a room at the expense of this university. A small luncheon was also arranged for Sir David and Lady Bruce and Sir Ernest Rutherford in order to give them an opportunity of meeting a few of the members of the Quebec Committee. The expense of this will also be looked after by us. You will receive an account in due course from the University to cover you expenses in connection with these two visits, to which I have added \$15.00, expenses of a trip to Ottawa undertaken in order to complete arrangements regarding trains, etc., with the Ottawa Committee, as requested by Professor Macleod.

Yours faithfully,

Wilfrid Bovey.

August 5th, 1924.

Major J. M. Hood, O.B.E.,
Physics Building,
University of Toronto,
Toronto, Ont.

Dear Major Hood:-

With reference to my previous
letter I now enclose the following certificates:

401, 403, 404, 405, 408, 416, 417, 418.

Yours faithfully,

Wilfrid Bovey.

D. N. C. HOGG
PRESIDENT

F. E. HARWOOD
GENERAL MANAGER

UPTOWN 7600

Kennedy Taxis Limited

MANFIELD AND CATHCART STREETS

Montreal

15th August, 1924.

Colonel Bovey,
McGill University,
Montreal. P. Que.

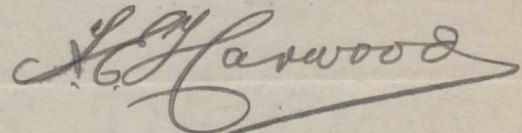
Dear Sir:-

We are enclosing our
account for the British Scientists' Convention,
and we hope you will find it in order.

We shall be glad to
receive a cheque in settlement, at your
convenience.

Yours very truly,

KENNEDY TAXIS. LIMITED.



General Manager.

Encl

August
Twenty-first
1924.

F. E. Harwood Esq.,
General Manager,
Kennedy Taxis Limited,
Montreal.

Dear Mr. Harwood:

Your letter of the 15th instant with enclosed account has just been received by me on my return from a short vacation. It will be settled through the University at once.

In the meantime permit me to thank you very much for the care and attention which you gave to our requirements. The taxi arrangements were much more satisfactory here than elsewhere.

Yours very truly,

Wilfrid Bovey

Ref. No.

The British Association for the Advancement of Science

94th Year—Toronto Meeting, August 6th to 13th, 1924

CHAIRMAN OF THE LOCAL GENERAL
AND EXECUTIVE COMMITTEES:
PROF. J. C. MCLENNAN, PH.D.,
D.Sc., LL.D., F.R.S.

LOCAL HONORARY SECRETARIES:
PROF. J. C. FIELDS, PH.D., F.R.S.
PROF. J. J. R. MACLEOD, M.B.,
C.H.B., D.Ph., F.R.S.

LOCAL HONORARY TREASURER:
F. A. MOURE, MUS. DOC.

LOCAL ASSISTANT SECRETARY:
MAJOR J. M. MOOD, O.B.E., M.C.

OFFICE:
UNIVERSITY OF TORONTO,
TORONTO.

TELEPHONE TRINITY 5000

IMPERIAL CABLE ADDRESS:
RAMSMAC,
TORONTO.

TORONTO, 27th August 1924

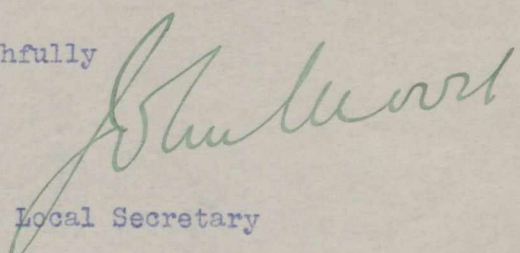
Colonel Bovey
Secretary to General Sir Arthur Currie
McGill University
MONTREAL

Dear Colonel Bovey:

I am directed by the Local Committee to convey to you their sincere thanks for the very successful arrangements made and carried out by you in connection with the recent visit of our members.

Your very complete plans for their entertainment, and the opportunities afforded them to see a most beautiful and interesting part of the country, were much appreciated.

Yours faithfully


Local Secretary

September 2, 1924.

Major J.M. Mood,
British Assoc. for the Advancement of Science,
University of Toronto.

Dear Major Mood;

May I express my very sincere appreciation of your kind letter of August 27. I was only too glad to have the opportunity of doing anything for a gathering which numbered so many old friends of my father's and my own.

Yours faithfully,

Wilfrid Bovey.

August 5th, 1924.

Major J. M. Mood,
Physics Building,
University of Toronto,
Toronto, Ont.

Dear Major Mood:-

I return you herewith six
Certificate books, in which the following have been
made out:-

01 - 100	inclusive
201 - 229	"
301 - 374	"
401 - 445	"

The following certificates were
issued in error to Canadians travelling via C.P.R.
The C.P.R. is to lift these certificates and collect
the difference between this rate and the Canadian
rate, which amounts to 20 cents each on the trip to
Toronto:-

401	L. V. King
403	A. N. Shaw
404	E. S. Bieler
405	T. Terroux
408	A. B. Macallum

The error in this case was due
to the fact that the ticket clerks had not been
informed of the Canadian rate.

Major J. M. Mood

- 2 -

The following tickets were
cancelled and destroyed:

Nos. 64, 205, 206, 207 and 211.

The following certificate was
issued to Professor Adrien Pouliot of Laval Univer-
sity, Quebec, who had not yet obtained his ticket.
There were no instructions in Quebec regarding
Canadian rates. Indeed the C.P.A. circular did not
arrive there until after the certificates. This
certificate was therefore issued to Professor Pouliot
but should also be returned to the railway and the
difference, about .30 cents, paid:- No. 42. Pro-
fessor Pouliot travelled via Canadian National Railway.

Yours faithfully,

Wilfrid Bovey.

CANADIAN PACIFIC

S. S. MONTCALM

Sept 26/24

Dear Sir Arthur,

We are now below
Quebec on our way back to
England & have had
a delightful journey down
the river under ideal
conditions of weather.

I have to thank you
for the very pleasant dinner
you gave for Bruce &
myself at the University
Club. I enjoyed meeting
old friends & taking my

CANADIAN PACIFIC

share in the perennial
discussion on university
affairs. I hope ^{when} you
come over to England, you
will make a point of
coming to Cambridge &
seeing us again.

An revoir.

Yours sincerely
E Rutherford

21 Photos of British Association for the
Advancement of Science - Removed Aug. 31, 1987.
Photos Mostly on board ship -
Summer 1924 -

DOCKET ENDS:

TORONTO MEETING 1924

DOCKET STARTS:

CENTENARY MEETING 1931

*noted
Aut*

1831



1931

BRITISH ASSOCIATION
FOR THE
ADVANCEMENT OF SCIENCE

CENTENARY MEETING
LONDON

SEPTEMBER 23rd to 30, 1931

To..... The Vice-Chancellor,

..... The McGill University.

(TURN OVER)

RESOLVED,

At the Final Meeting of the General Committee, held on Wednesday, September 30, 1931:—

THAT the President, General Officers, and General Committee of the British Association gratefully acknowledge the manifold and unstinted help of the Public Authorities, Educational Institutes, Learned Societies and other bodies and individuals to which the signal success of the Centenary Meeting is so largely due, and express to them all the deepest appreciation of their respective contributions to the Advancement of Science.

J. C. SMUTS,
President.

British Association for the Advancement of Science.

(Founded 1831. Incorporated by Royal Charter, 1928.)

TELEPHONE:
GERRARD 7213
TELEGRAMS:
SCIASOC PICCY-LONDON

BURLINGTON HOUSE,
LONDON, W.1

October 21st, 1930.

CENTENARY MEETING

LONDON, SEPTEMBER 23-30, 1931.

President, 1930-31:

Prof. F. O. BOWER, F.R.S.

President-Elect for Centenary Meeting:

Lt.-Gen. the Rt. Hon. J. C. SMUTS, P.C., F.R.S.

General Treasurer:

Sir JOSIAH STAMP, G.B.E.

General Secretaries:

Prof. J. L. MYRES, O.B.E., F.B.A.

Prof. F. J. M. STRATTON, D.S.O., O.B.E.

Secretary:

O. J. R. MOWARTH, O.B.E.

The Council of the British Association,
remembering the generous hospitality afforded to the Association by
McGill University,
expresses the hope that the Centenary Meeting in London,
of which notice is given herewith,
may be honoured by the presence of a delegate from
the University.



THE BRITISH ASSOCIATION
FOR THE ADVANCEMENT OF SCIENCE,
WITH THE GRACIOUS APPROVAL OF
HIS MAJESTY THE KING, ITS PATRON,
WILL CELEBRATE THE CENTENARY
OF ITS FOUNDATION (SEPTEMBER 26, 1831)
AT THE ANNUAL MEETING
TO BE HELD IN LONDON,
SEPTEMBER 23-30,

1931

F. O. BOWER

President

J. C. SMUTS

President-Elect

J. C. STAMP, *General Treasurer.*

J. L. MYRES,

F. J. M. STRATTON,

O. J. R. HOWARTH, *Secretary.*

General

Secretaries.

BURLINGTON HOUSE,
LONDON, W.1.

PROVISIONAL ARRANGEMENTS

The Inaugural General Meeting, and the Concluding General Meeting, with the Address by the President, Lt.-Gen. The Rt. Hon. J. C. SMUTS, P.C., F.R.S., are expected to be held in the Central Hall, Westminster, on Wednesday, September 23 and Tuesday, September 29, 1931, respectively, at 8.30 p.m.

The sectional and other scientific transactions will be carried on daily from Thursday, September 24 to Wednesday, September 30 inclusive. For the majority of these transactions, meeting-rooms will be used in and near Exhibition Road, South Kensington, thanks to the generous co-operation of institutions in that locality.

The Reception Room will be in the Great Hall of the University of London.

Visits to other institutions and places of scientific interest in and near London will be arranged.

On Saturday, September 26, 1931, a party will visit, by invitation, the City of York, where, on September 26, 1831, the first meeting of the Association was held.

British Association for the Advancement of Science.

(Founded 1831. Incorporated by Royal Charter, 1928.)

TELEPHONE:
GERRARD 7213

TELEGRAMS:
SCIASOC PICCY-LONDON

BURLINGTON HOUSE,
LONDON, W.1

29th January, 1931.

CENTENARY MEETING

LONDON, SEPTEMBER 23-30, 1931.

President, 1930-31:

Prof. F. O. BOWER, F.R.S.

President-Elect for Centenary Meeting:

Lt.-Gen. the Rt. Hon. J. C. SMUTS, P.C., F.R.S.

General Treasurer:

Sir JOSIAH STAMP, G.B.E.

General Secretaries:

Prof. J. L. MYRES, O.B.E., F.B.A.

Prof. F. J. M. STRATTON, D.S.O., O.B.E.

Secretary:

O. J. R. HOWARTH, O.B.E.

Dear Sir,

This is to express the hope that you may find it possible to attend the Centenary Meeting of the Association in London (September 23-30, 1931). The Council remembers with especial gratitude at this time the generous services which have assured the success of the Association's meetings overseas, your own among them.

We are, dear Sir,

Yours faithfully,

J. L. Myres
F. J. M. Stratton

General
Secretaries.

O. J. R. Howarth

Secretary.

Principal Sir Arthur W. Currie,

*Letter of
congratulations
to Prof. Rloyd.*

February 9, 1931.

British Association for the Advancement of Science,
Burlington House, London, W.1., England.

Dear Sirs,

Your letter to Sir Arthur Currie of January 29th has come to his office. Sir Arthur is at present in India, where he is officially representing Canada at the ceremonies inaugurating New Delhi as the capital of British India, and we do not expect him back at the University until April, but I shall see that your letter is put into his hands on his return.

Yours faithfully,

CWS.

British Association for the Advancement of Science.

(Founded 1831. Incorporated by Royal Charter, 1928.)

TELEPHONE :
GERRARD 7213
REGENT 2109
TELEGRAMS :
SCIASOC PICCY-LONDON

BURLINGTON HOUSE,

LONDON, W.1

CENTENARY MEETING

LONDON, SEPTEMBER 23-30, 1931.

President, 1930-31 :

Prof. F. O. BOWER, F.R.S.

President-Elect for Centenary Meeting :

Lt.-Gen. the Rt. Hon. J. C. SMUTS, P.C., F.R.S.

General Treasurer :

Sir JOSIAH STAMP, G.B.E.

General Secretaries :

Prof. J. L. MYRES, O.B.E., F.B.A.

Prof. F. J. M. STRATTON, D.S.O., O.B.E.

Secretary :

O. J. R. HOWARTH, O.B.E.

February 10th, 1931.

In connection with the invitation recently issued for the attendance of Delegates at the Centenary Meeting of the British Association, the Council has resolved to prepare a record of the Societies, Institutions, Universities and Cities which may honour the Association by sending Delegates, and to afford the Delegates an opportunity to append their signatures thereto.

The Council therefore does not wish the invitation to send a Delegate to be considered as implying any obligation to present an Address.

Arrangements are in progress for a Reception of the Delegates by the President, Lt.-Gen. the Rt. Hon. J.C.Smuts, P.C., C.H., F.R.S., on Wednesday afternoon, September 23, 1931, of which due notice will be given.

O.J.R.HOWARTH,
Secretary.

British Association for the Advancement of Science.

(Founded 1831. Incorporated by Royal Charter, 1928.)

TELEPHONE :
GERRARD 7213
REGENT 2109.
TELEGRAMS :
SCIASOC PICCY-LONDON

BURLINGTON HOUSE,
LONDON, W.1

29th April, 1931.

CENTENARY MEETING

LONDON, SEPTEMBER 23-30, 1931.

President, 1930-31 :

Prof. F. O. BOWER, F.R.S.

President-Elect for Centenary Meeting :

Lt.-Gen. the Rt. Hon. J. C. SMUTS, P.C., F.R.S.

General Treasurer :

Sir JOSIAH STAMP, G.B.E.

General Secretaries :

Prof. J. L. MYRES, O.B.E., F.B.A.

Prof. F. J. M. STRATTON, D.S.O., O.B.E.

Secretary :

O. J. R. HOWARTH, O.B.E.

With reference to the invitation recently forwarded, for the appointment of a Delegate to the Centenary Meeting of the British Association in London (Sept. 23-30), it is asked that the name of the Delegate, if any, should if possible be communicated to the Secretary of the Association not later than July 1, in order that necessary arrangements may be made.

O. J. R. HOWARTH,

Secretary.

Bank of Montreal
Waterloo Place

June 12th, 1931.

To the Secretaries,
British Association for the
Advancement of Science,
Professor J.L. Myres, OBE., FBA.,
Professor J.M. Stratton, D.S.O., O.B.E.,
D. J.R. Howarth, Esq., O.B.E.,

Dear Sirs,

I am greatly honoured by your request of January 29th last that I should attend your Centenary Meeting in London, September 23rd. Absence from Canada has prevented an earlier reply. I believe that you intend chiefly to honour McGill University, and on its behalf I wish to thank you for your courtesy and your message of good-will.

Though unable to attend the centenary meeting, as I should like to do, I wish to inform you that two delegates from McGill,

Professor F. Lloyd
Professor F. Clarke

will be in attendance. They will bear letters of introduction, and to them will be entrusted the formal greeting of McGill University to your distinguished Association.

Yours faithfully,

Principal

British Association for the Advancement of Science.

(Founded 1831. Incorporated by Royal Charter, 1928.)

TELEPHONE:
REGENT 2109

TELEGRAMS:
SCIASOC PICCY-LONDON

BURLINGTON HOUSE,
LONDON, W.1

27th June, 1931.

CENTENARY MEETING

LONDON, SEPTEMBER 23-30, 1931.

President, 1930-31:
Prof. F. O. BOWER, F.R.S.
President-Elect for Centenary Meeting:
Lt.-Gen. the Rt. Hon. J. C. SMUTS, P.C., F.R.S.
General Treasurer:
Sir JOSIAH STAMP, G.B.E.
General Secretaries:
Prof. J. L. MYRES, O.B.E., F.B.A.
Prof. F. J. M. STRATTON, D.S.O., O.B.E.
Secretary:
O. J. R. HOWARTH, O.B.E.

Sir Arthur W. Currie, G.C.M.G., K.C.B.,
Principal and Vice-Chancellor,
McGill University,
Montreal,
Canada.

Dear Sir,

I have to thank you for your letter of the 12th June, to express our regret that you will be unable to be present at our Centenary Meeting in September and our appreciation of your kind message.

It is noted, however, that the McGill University has nominated more than one person to act as Delegate to our Centenary Meeting. We are delighted that this should be so and their presence at the Meeting will be more than welcome, but considerations both of space and time necessitate that one delegate only should represent each Institution on the occasion of General Smuts' Inauguration as President and his formal reception of delegates; although there will be ample accommodation for all others to attend this ceremony, of which due notice will be given.

Meanwhile, we shall be glad to know which of your delegates will be charged with the duty of representing your Institution on this particular occasion.

- 2 -

Sir Arthur W. Currie, G.C.M.G., K.C.B.
Montreal

27th June, 1931.

As it has resolved to prepare a record of the Societies, Institutions, Universities and Cities which are honouring the Association by sending delegates, and of affording the delegates an opportunity of appending their signatures thereto, the Council therefore does not wish the invitation to send a delegate to be considered as implying any obligation to present an Address.

Yours very faithfully,

T. R. Howarth

Secretary. *He.*

July 8th, 1931.

O.J.R. Howarth, Esq., O.B.E.,
Secretary, British Association for Advancement of Science,
Burlington House, London W.1., England

Dear Sir,

I have your letter of the 27th of June, and in reply to the request therein contained that McGill University nominate one of its delegates to represent this institution on the occasion of General Smuts' Inauguration as President, I beg to inform you that we now find that Dr. A. S. Eve, Dean of our Faculty of Graduate Studies, will also be in London at this time, and I am therefore asking him to be our representative. The following are his degrees and titles,

Dr. A. S. Eve, C.B.E., M.A. (Cantab) D.Sc.,
F.R.S.C., F.R.S.,

Macdonald Professor of Physics, and
Dean of the Faculty of Graduate Studies

We will therefore have three delegates at the Centenary Meeting, instead of the two mentioned in my letter of the 12th of June.

Yours faithfully,

Principal

TELEGRAPHIC ADDRESS:
RUMFORDIC, PICCY, LONDON.

TELEPHONES:
REGENT { 0669.
5716.

To Mr. Matthews:-

THE ROYAL INSTITUTION,
21, ALBEMARLE STREET,
LONDON, W.1.

Please draft greeting.
The delegates are Prof. F. Clarke
and Prof. Lloyd

Faraday Celebrations 1931.

The General Secretary of the Royal
Institution presents his compliments, and begs
to remind the Principal that no reply has
yet been received to the invitation addressed
by the President and Managers to

McGill University

to appoint a delegate to the Faraday Celebrations
1931. In the event of acceptance of the invita-
tion, an early intimation of the name of the
Delegate appointed would be of great assistance.

May 22nd 1931.

[Handwritten signature and scribbles]



Faraday Celebrations 1931

THE President, Managers and Members of the Royal Institution of Great Britain have resolved to celebrate on September 21st. 1931 and following days the Centenary of Michael Faraday's discovery of Electro Magnetic Induction; and they have the honour to invite

McGill University

to be represented by a Delegate on the occasion

Estlin Perry

The Royal Institution
21 Albemarle Street W.1

President

DOCKET ENDS:

CENTENARY MEETING 1931

DOCKET STARTS:

ROYAL SOCIETY

1930-31



THE ROYAL SOCIETY OF CANADA

OFFICE OF THE
HONORARY SECRETARY

OTTAWA, CANADA

December 19th, 1930

Dear Sir Arthur,

The British Association has written offering £500 toward the expenses of Canadian representatives attending the Centenary meeting of the British Association next year in England. The matter was considered at a meeting of the Council of the Royal Society on the 16th instant, and it was decided that the only practicable way in which we could carry out the wishes of the British Association was to leave the selection of those among whom the grant is to be divided to the Presidents or Principals of McGill, Toronto and the University of Manitoba. The British Association has met in Montreal, Toronto and Winnipeg, and as you will see from the enclosed correspondence, their desire is that this grant should be considered as a measure of their appreciation of hospitality at these three meetings. As the matter has already been discussed with Sir Robert Falconer in person, I have asked him to take the matter up with you and Dr MacLean, with a view to reaching some common basis of action. If you could let me have as soon as practicable, the names of those among whom the grant will be apportioned, they will be communicated to the British Association.

Yours faithfully,

Sir Arthur W. Currie, LL.D.,

Principal, McGill University,

Montreal

ROYAL SOCIETY OF CANADA
Ottawa.

COUNCIL BRITISH ASSOCIATION INVITES COOPERATION OF
COUNCIL ROYAL SOCIETY CANADA ENSURING REPRESENTATIVE
ATTENDANCE CENTENARY MEETING LONDON SEPTEMBER 23
TO 30 NEXT YEAR DESIRES PLACE AT YOUR COUNCILS
DISPOSAL FIVE HUNDRED POUNDS FOR DISTRIBUTION AID
TRAVEL EXPENSES REPRESENTATIVE SCIENTIFIC WORKERS
ATTENDING WHICH CANNOT BE OTHERWISE ASSISTED HAVING
SPECIAL REGARD TO THOSE MOST CLOSELY IDENTIFIED WITH
BRITISH ASSOCIATION MEETINGS IN CANADA LETTER FOLLOWS
BUT INTIMATION CABLED AS EARLY INFORMATION RE NAMES
HELPFUL HERE STOP YOUR SOCIETY UNIVERSITIES AND TOWNS
WHERE BRITISH ASSOCIATION MET ALREADY INVITED BY MAIL
TO SEND DELEGATES GOVERNMENT INFORMED THROUGH HIGH
COMMISSIONER

Howarth Secretary.

BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

Burlington House,
London, W.1, November 14th. 1930.

The Secretary,
Royal Society of Canada,
Ottawa, Canada.

Dear Sir,

A cablegram has been despatched to you this week-end in the following terms :

COUNCIL BRITISH ASSOCIATION INVITES CO-OPERATION OF COUNCIL ROYAL SOCIETY CANADA ENSURING REPRESENTATIVE ATTENDANCE CENTENARY MEETING LONDON SEPTEMBER 23 TO 30 NEXT YEAR DESIRES PLACE AT YOUR COUNCILS DISPOSAL FIVE HUNDRED POUNDS FOR DISPOSITION AID TRAVEL EXPENSES REPRESENTATIVE SCIENTIFIC WORKERS ATTENDING WHICH CANNOT BE OTHERWISE ASSISTED HAVING SPECIAL REGARD TO THOSE MOST CLOSELY IDENTIFIED WITH BRITISH ASSOCIATION MEETINGS IN CANADA LETTER FOLLOWS BUT INTIMATION CABLED AS EARLY INFORMATION RE NAMES HELPFUL HERE STOP YOUR SOCIETY UNIVERSITIES AND TOWNS WHERE BRITISH ASSOCIATION MET ALREADY INVITED BY MAIL TO SEND DELEGATES GOVERNMENT INFORMED THROUGH HIGH COMMISSIONER HOWARTH SECRETARY.

I hope this makes clear the intentions of the Council of the British Association who trust that they may rely upon the kind co-operation of your Council in this matter. The Association desires to make some small return for all the scientific co-operation and generous hospitality which it has received in Canada, and the Council are doing all they can to make the occasion, of the Centenary Meeting in London, (September 23-30) one for a great representative gathering of scientific workers from the Dominions.

We believe that some of the sectional presidents have already written privately to people in the Dominions whose attendance they wish to secure, and if lists of proposals should be sent to the Council by the sectional committees they will be considered for forwarding to you. But the Council thought it essential to set the whole matter on foot at this early date, and

felt that it would be impossible for them, in the absence of individual information as to the possibilities of leave, financial considerations, etc., to handle the business efficiently from this end. If you are so good as to take the matter up, therefore, they would wish to leave the selection of participants in the grant and other arrangements in your hands, and would not ask you to wait for any list from them. As implied in the cablegram they hope especially to have the pleasure of welcoming many of those to whose efforts the success of the overseas meetings of the Association have been so largely due.

In due course I shall be glad to hear how you would wish the grant to be paid.

I am,

Yours faithfully,

O. J. R. Howarth,
Secretary.

January 2, 1931.

Dr. A. S. Eve,
Physics Building,
McGill University.

Dear Dr. Eve,

Professor Stanley asks me to send you the enclosed correspondence which has come to the Principal. It concerns a grant made by the British Association to the Royal Society of Canada to assist in securing representative Canadian attendance at the meeting of the British Association in London next September.

Will you kindly note the contents and return the correspondence to this office? Professor Stanley would be glad to have the benefit of a talk with you about this matter.

Yours faithfully,

Secretary to the Principal.

MCGILL UNIVERSITY
MONTREAL

PROFESSOR CARLETON W. STANLEY,
ASSISTANT TO THE PRINCIPAL

J anuary 3,

Received correspondence attached this date. Consulted with Dr. Eve, in view of his association with the Royal Society of Canada, etc. Dr. Eve told me that he was the promoter of the arrangements made by the Royal Society and made it plain that he would be very willing to go himself. I asked him how many delegates he thought the \$800 would take over and into that arithmetic he was not prepared to go. I told him I would make a memo and set forth the fact in due course. He, of course, is eminently suited to be a delegate.

C.S.

January 5th, 1930.

Mr. Lawrence J. Burpee,
Honorary Secretary,
The Royal Society of Canada.
O t t a w a .

Dear Mr. Burpee,

Your letter of December 19th has reached me and in S ir Arthur Currie's absence I have made some enquiries in the University as to suitable delegates.

We very much appreciate the grant made by the British Association and there is no doubt that McGill will be represented at the London meeting. As the meeting is not until September and the Principal will return to the University in April, I think the matter of the choice of delegates had best be left pending.

Yours faithfully,

Assistant to the Principal.

President's Office.



January 5, 1931

Dear Sir Arthur:

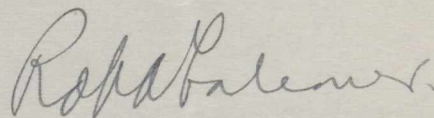
You will have heard from Mr. L. J. Burpee of the Royal Society of Canada to the effect that the British Association offers £500 towards the expenses of Canadian representatives who may attend the Centenary Meeting of the British Association next year in London. The money has been placed at the disposal of the Council of the Royal Society not in order that their own members should attend, but as being the one body which might make recommendations of suitable representative persons. The Executive of the Royal Society proposes that President MacLean, yourself, and myself as representatives of the Universities in the three cities where the Association was entertained should make the recommendations. Have you any suggestions to make as to how we should proceed in this matter?

The Association at its last meeting here in 1924 visited Saskatoon, Edmonton and Vancouver. I think therefore that a proportion of the funds should be given to each of the furthest Western Universities, a sum to the Maritime Provinces as a whole, and a sum to the French Universities. It will thus mean that very little will be left for any one individual. Presumably larger amounts should be given to those who have farthest to travel. Whether we could divide it on the basis of the steamship passage I do not know. Possibly it would be simplest. However, if we were to divide it up among a large number what would £500 come to. Possibly we could offer \$200 to each and let it go to the steamship. That would mean twelve

-2-

representatives. However, I am only feeling my way, and should
be glad to have your opinion in the matter.

Yours sincerely,

A handwritten signature in cursive script, appearing to read "Robert Paley".

President.

Principal Sir Arthur Currie, G.C.M.G.,
McGill University,
Montreal, Q.

January 8, 1931.

Sir Robert Falconer, K.C.M.G.,
President, Toronto University,
Toronto, Ontario.

Dear Sir Robert,

In the absence of Sir Arthur, your letter of January 5th addressed to him has come to me. You have evidently given considerable thought about the wisest use of the £500 grant from the British Association.

In mentioning the visit of the Association to Saskatoon, Edmonton, Vancouver, you touch on something overlooked in Mr. Burpee's letter, which seems to me important. In any case, I think that the three Universities singled out by the Royal Society should not overlook these younger Universities and their higher travelling expenses. I wonder whether it might not be left to President MacLean and President R.C. Wallace to suggest eminent Westerners and to deal more generously with them than with delegates from the East?

Again, I have special reasons for understanding the importance of friendly gestures to the French-speaking Universities. If you yourself were to communicate with Mgr. Roi at Laval or with Canon Chartier at the University of Montreay, or with the Rectors of either Universities, that would be best. (I am on very good terms in both quarters and know that a message from Ontario would be much appreciated about any matter of this kind.)

Again, you know the situation in the Maritimes so well that I think you could best deal with that.

I am afraid that instead of helping, I have merely suggested additional things for you to do!

I hope that you are in better health and that your holiday will soon begin.

Yours sincerely,

Assistant to the Principal.



THE ROYAL SOCIETY OF CANADA

OFFICE OF THE
HONORARY SECRETARY

OTTAWA, CANADA

February 5th, 1931

Dear Professor Stanley,

I have had some correspondence with Sir Robert Falconer in regard to the distribution of £500 offered by the British Association toward the expenses of those who attend the Centenary meeting of the Association next September. I understand that his proposed distribution of the amount is satisfactory to you. Under that arrangement two grants of \$180 would go to McGill. At the same time I have a letter this morning from the Secretary of the British Association giving a list of those whom the Organizing Sectional Committees particularly hope may be able to attend, and among these names I find those of Professor Eve, Professor Bridges, Professor Lloyd and Professor Clarke, all of McGill. Perhaps the simplest solution would be to have \$360 provided for representatives from McGill and leave it to you to make your own distribution of the amount. Would this be satisfactory,

Yours very truly,

Honorary Secretary

Prof. Carlton Stanley,
McGill University,
Montreal

February 7, 1931.

L. J. Burpee, Esq.,
Honorary Secretary,
Royal Society of Canada,
Ottawa, Ontario.

Dear Mr. Burpee,

In reply to yours of February 5th, I had a letter from Sir Robert Falconer last month, in which he urged the claims of some of the Western universities and other universities to a share in the five hundred pounds granted by the British Association. Naturally, it is hard to dissent from such a proposal and in the absence of Sir Arthur Currie I would not care to advance any decided opinion of my own.

You will, of course, realise that \$360 would be inadequate for one delegate, to say nothing of four, so that the University would have to take care of the balance.

Perhaps I should point out that Professor Bridges is no longer with McGill. Also, I should like to ask which Professor you mean by Professor "Clark". We have one Professor Clark and two professors named Clarke.

I am afraid that until Sir Arthur Currie returns in April McGill University will not be able to answer definitely how many delegates will be sent.

Yours faithfully,

CWS



THE ROYAL SOCIETY OF CANADA

OFFICE OF THE
HONORARY SECRETARY

OTTAWA, CANADA

10 February 1931.

Dear Prof. Stanley,

I have your letter of the 7th. It was not the understanding of the Council that the British Association had any thought of providing all the expenses of Canadian delegates. The amount they offered, £500, is merely to assist men who may be going from Canada. Out of this amount \$360 was assigned to McGill, the rest being distributed among the other universities east and west.

If Professor Bridges has gone to another Canadian university, would you be good enough to give me his address. The Clarke referred to is Prof. F. Clarke, of the Department of Education. You understand that these names do not come from the Royal Society. They have been sent here by the British Association, as those of men who are being specially invited to attend the meeting from Canada. I do not understand that you are in any sense bound to distribute the amount in any particular way. That is left to your own judgment. All that we are concerned about is that you should let me know to whom the money is given.

Yours sincerely

Prof. Carleton Stanley
McGill University
Montreal.

PA

MCGILL UNIVERSITY
MONTREAL

THE MACDONALD PHYSICS LABORATORY

Dear Sir Arthur,

I quite understand
the difficulty in these days,
particularly as I share them.

The Sec. of the Royal Soc. of
Canada will be informed at
once that I am unable to
accept the honour of being their
representative at the Faraday,
Clerk Maxwell, + Brit. Assoc.
Centenaries.

Yours very sincerely

Arthur

February 12, 1931.

Lawrence J. Burpee, Esq.,
Royal Society of Canada,
O t t a w a . Ontario.

Dear Mr. Burpee,

In reply to yours of February 10th,
I quite agree that the universities themselves
should finance such delegations and that it was
most generous of the British Association to do
anything whatever.

Thank you for the information about
Professor F. Clarke. He spoke to me this morning
about a communication he had from the British
Association.

Professor Bridges is no longer
in Canada. He is studying, I believe, at the
Sorbonne, Paris.

In due course, you will be
notified how the money was distributed, but,
as I said, the final announcement will be made
by Sir Arthur Currie on his return.

Yours faithfully,

CWS.

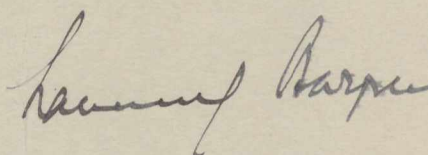
THE ROYAL SOCIETY OF CANADA
OTTAWA

February 20th, 1931

Dear Dr Stanley,

I have a letter this morning from the Vice Chancellor of the University of Birmingham, writing as President of Section L (Education) of the British Association, urging that the Royal Society support the nomination of Professor F. Clarke as one of the Canadian delegates to the Centenary meeting of the British Association. As Professor Clarke is to be a guest of the Association, I presume it will not be necessary, so far as he is concerned, to set apart any portion of the special grant for travelling expenses.

Yours very truly,



Honorary Secretary

Dr Carlton Stanley,
McGill University,
Montreal

February 23,

1931.

Lawrence Burpee, Esq.,
Honorary Secretary,
Royal Society of Canada,
O t t a w a .

Dear Mr. Burpee,

I have yours of February 20th, also I have heard from Professor F. Clarke that he has been invited to take part in the British Association meetings. However, this does not mean, so far as I know, that he is in any way the guest of the Association or that expenses will not have to be found for him.

I shall bring this, and other letters from you, to the attention of Sir Arthur Currie when he returns.

Yours faithfully,

CWS

wbo

TC+

THE ROYAL SOCIETY OF CANADA

LAWRENCE J. BURPEE
HONORARY SECRETARY

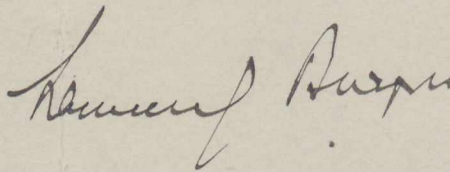
OTTAWA
HOPE CHAMBERS

April 30th, 1931

Dear Professor Stanley,

As soon as Sir Arthur Currie has leisure to take the matter up, will you be good enough to bring before him the grant from the British Association and let me know what McGill men will take advantage of the two amounts of \$180 each placed at the disposal of your University. It would of course be perfectly proper, if you thought it desirable to do so, to divide the sum of \$360 among three men instead of two.

Yours sincerely,



Honorary Secretary

Prof. Carleton Stanley,
McGill University,
Montreal

b. h. n. v.

Handwritten notes in the top right corner, including the word "Sue" and several lines of illegible cursive text.

May sixth, 1931.

Mr. Lawrence J. Burpee,
The Royal Society of Canada,
O t t a w a.

Dear Mr. Burpee,

Professor Stanley has shown me the correspondence which has passed between you during my absence on the subject of delegates to the meeting of the British Association for the Advancement of Science.

I note that in your letter of February 20th you say, "As Professor Clarke is to be a guest of the Association, I presume it will not be necessary, so far as he is concerned, to set apart any portion of the special grant for travelling expenses". Neither Professor Clarke nor this University have received any information that his travelling expenses would be paid by the British Association. We shall, therefore, be obliged to set aside for him a part of the \$360 allotted to McGill out of the £500. grant made by the British Association to cover expenses of Canadian delegates.

The \$360 allotted to McGill will, therefore, be divided between Professors Eve, Clarke and Lloyd.

Yours faithfully,

Principal.

May sixth, 1931

Out of a grant made by the British Association for the Advancement of Science to help defray the expenses of Canadian delegates to the London meeting in September, McGill University has been allotted \$360.

The Association submit the following names of men they would particularly like to see at the Meeting:-

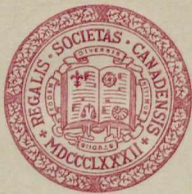
Professor Lloyd
Professor F. Clarke
Professor J.W. Bridges
Dr. A. S. Eve

As Professor Bridges is no longer with us, I shall divide the \$360 between Professors Lloyd, Clarke and Eve, who will receive \$120 each if they decide to attend this Meeting. I would like very much to add to that amount something from University funds, but this year there are no funds available for such a purpose, and, much as I regret it, this is the best that can be done.

Will you kindly advise me whether or not you decide to go as one of the McGill delegates to this Meeting?

Yours faithfully,

Principal.



THE ROYAL SOCIETY OF CANADA

OFFICE OF THE
HONORARY SECRETARY

OTTAWA, CANADA

May 8th, 1931

Dear Sir Arthur Currie,

Thanks for your letter of the 6th. I note that the \$360 allotted to McGill will be divided between Professors Eve, Clarke and Lloyd, to whom cheques will be sent by the Treasurer of the Society in due course.

Yours faithfully,

Honorary Secretary

Sir Arthur W. Currie, G.C.M.G., K.C.B.,
Principal, McGill University,
Montreal

McGILL UNIVERSITY
MONTREAL

DEPARTMENT OF BOTANY

FRANCIS E. LLOYD

Macdonald Professor of Botany

GEORGE W. SCARTH

Professor of Botany

C. LEONARD HUSKINS

Associate Professor, Genetics

R. DARNLEY GIBBS

Lecturer

JANE D. SPIER

Instructor

May 11th 1931.

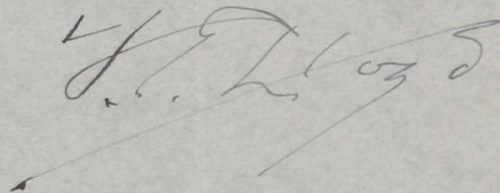
Sir Arthur W. Currie, G.C.M.G., K.C.B.,
Principal and Vice-Chancellor,
McGill University,
MONTREAL.

My dear Sir Arthur:

In reply to your letter of May 6th, I beg to say that I am fully intending to be present at the Centenary Meeting of the British Association, and appreciate most highly the offer of the subvention mentioned in your letter.

As I intimated the other day, I am to have the pleasure of being the guest of Professor A. W. Hill, Director of the Kew Gardens, while attending the Meeting.

Yours faithfully,



FEL/KL.

MCGILL UNIVERSITY
MONTREAL

THE MACDONALD PHYSICS LABORATORY

May 7th. 1931.

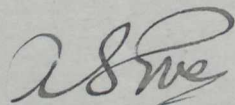
Sir Arthur Currie, G.C.M.G.,
Principal,
McGill University.

Dear Sir Arthur,

I received an invitation to represent the Royal Society of Canada at the Centenary Meeting of the British Association in London, next September; also to represent the Royal Society, together with Professor McLennan of Toronto, at the Maxwell Centenary, at Cambridge, and the Faraday Centenary in London.

I understand that certain money is available to meet my expenses. Before coming to a decision as to my summer plans I have to consider whether there is sufficient money for the undertaking, and I should be grateful if you would let me know how much can be awarded from the grant to the Royal Society of Canada from the British Association, and whether there are other funds from McGill University which are available.

Yours very sincerely,



A. S. Eve,
Dean of the Faculty of
Graduate Studies and Research.

June 11th, 1931.

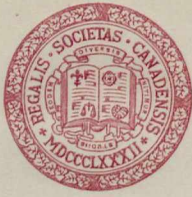
Lawrence Burpee, Esq., F.R.C.S., F.R.S.C.,
The Royal Society of Canada,
O t t a w a.

Dear Mr. Burpee:-

With reference to your letter of
May 8th would you be so kind as to have the cheque
for \$360. sent directly to the University as some
of the disbursements have already been made.

Yours faithfully,

Wilfrid Bovey,
Director.



THE ROYAL SOCIETY OF CANADA

OFFICE OF THE
HONORARY SECRETARY

OTTAWA, CANADA

15 June 1931.

Dear Colonel Bovey,

I have taken up with the Treasurer of the Royal Society the request in your letter of the 11th. The practice he has been following is to send the cheques direct to the men who have been selected to receive them. In the case of McGill, I understand that Dr Eve has decided not to go to the British Association meeting. This leaves only Dr Lloyd and Prof. Clarke. Is the amount available to be divided between these two, or is a third man to go in place of Dr Eve? If only two are going, the amount available works out at \$182.50 each, and in that case would you be good enough to ask them to send receipts to the Treasurer, Dr G.A. Young, Geological Survey, Ottawa, and ask him to forward the entire amount to the University.

Yours sincerely

Col. Wilfrid Bovey

McGill University

Montreal.

2/360
18

June 16, 1931.

Mr. Lawrence Burpee,
Honorary Secretary,
Royal Society of Canada,
O t t a w a .

Dear Sir,

I am answering a letter written to Colonel Bovey with reference to the grant of the Royal Society to the representatives of this University proceeding to the London meeting.

In reply let me state:

1. Dr. Eve is not going to the British Association meeting.
2. Dr. Lloyd and Professor Clarke are the representatives of this University.
3. I take it the amount is available for these two and should be divided equally.
4. Dr. Lloyd has already proceeded to England. We advanced him \$120 and cannot hope to get a receipt from him until later. We can, of course, get one from Professor Clarke, and this is being done.

Yours faithfully,

Principal

June 16, 1931.

Dr. G. A. Young,
Geological Survey,
O t t a w a .

Dear Sir,

Referring to a letter received from Mr. Lawrence Burpee, let me say that the representatives of McGill University to the meeting of the British Association for the Advancement of Science in London next September are,

Professor F. Lloyd
Professor F. Clarke

According to information received from Mr. Burpee, this works out at \$182.50 each. Dr. Lloyd has already proceeded to England and we have advanced him \$120 out of his share of this grant.

Will you kindly, therefore, send to Professor Clarke cheque for \$182.50, in care of McGill University, and send a cheque to McGill University for the other \$182.50 for Dr. Lloyd. We will undertake to get a receipt from Dr. Lloyd for the full amount during the next few weeks.

Yours faithfully,

Principal



THE ROYAL SOCIETY OF CANADA

OFFICE OF THE
HONORARY SECRETARY

OTTAWA, CANADA

17 June 1931.

Dear Sir Arthur,

I am obliged to you for your letter of the 16th.

I have asked the Honorary Treasurer to issue a cheque to the University for \$120, one to Dr Lloyd for the balance of his share \$62.50, and one to Prof. Clarke for \$182.50. This will close the matter so far as McGill is concerned.

Yours sincerely

Samuel Burpee

General Sir Arthur Currie, G.C.M.G., etc.

Principal, McGill University,

Montreal.

To Mr Glasco.

June 18, 1931.

Professor Francis Lloyd,
Care Bank of Montreal,
9 Waterloo Place,
London, England.

Dear Professor Lloyd,

I am enclosing herewith your
credential for the meeting of the British
Association. Professor Clarke is sailing
in July and he will bring with him the
official greetings and good wishes, done
on the usual parchment. Kindest regards,

Yours faithfully,

Secretary to the Principal.

TELEGRAPHIC ADDRESS
ELAGAMONT, LONDON.
TELEPHONE NOS
RECENT 0701-0702.

VISITORS ROOM,
9, WATERLOO PLACE,
PALL MALL, S. W. 1.

My dear Mr. Murray
Enclosed please
be receipt for 182⁵.

Kindly extend my
kind regards to
Sir Arthur. I shall
be writing to him
shortly.
Tomorrow we

Start for Munich.

Yours sincerely
J. E. Lloyd

THE ROYAL SOCIETY OF CANADA
OTTAWA

June 19th. 1931.

Dear Sir,

I have been requested by the Honorary Treasurer to forward to you the enclosed two cheques in favour of Professor Clarke and McGill University, being contributions towards the expenses of Professor Lloyd and Professor Clarke to attend the meeting of the British Association for the Advancement of Science.

I shall be glad to have receipts for these disbursements in due course.

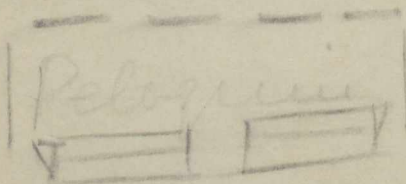
Yours very truly,

A. J. Mackenzie
Assistant Secretary.

General Sir Arthur Currie, G.C.M.G.,
Principal,
McGill University,
Montreal, Que.

*Mr. Currie
please acknowledge
Arthur*

Clarke	\$182.50	X
Lloyd	62.50	X
	<u>120.00</u>	X
	365.00	
Total grant	\$360	5



June 22, 1931.

Professor Francis E. Lloyd,
Care Bank of Montreal,
Waterloo Place,
London, England.

Dear Professor Lloyd,

I am now enclosing money order for £12.16.2, being for \$62.50 balance to you from the Royal Society in connection with attending the Centenary Meeting of the British Association for the Advancement of Science in London in September.

The Royal Society have asked us to obtain from you a receipt for the full amount of \$182.50, and I am therefore enclosing a form. Will you kindly sign this and return to me?

With best wishes,

I am,

Yours faithfully,

Secretary to the Principal.

London,

1931.

RECEIVED from the Royal Society of Canada the sum of
One Hundred and Eighty-two Dollars and Fifty Cents,
towards expenses in attending the Centenary Meeting
of the British Association for the Advancement of Science
in London in September, 1931, as a delegate from McGill
University.

June 29th, 1931.

The Royal Society of Canada,
Dr. G. A. Young, Treasurer,
Care Geological Survey,
O t t a w a .

Dear Sir,

Enclosed please find receipt
from Professor P. Clarke covering his share
(\$182.50) of the \$365.00 granted to McGill
to help defray expenses of delegates to
meeting of British Association for the
Advancement of Science in London next
September.

Yours faithfully,

Secretary to the Principal

July 6th, 1931.

To Dr. A. S. Eve,
Dr. Francis Lloyd,
Professor P. Clarke.

Dear Professor,

I am attaching herewith a copy of a letter received this morning from the Secretary of the British Association for the Advancement of Science. In compliance with the request contained in this letter, I am nominating Dean A. S. Eve as the delegate to represent McGill University on the occasion of General Smuts' Inauguration as President of the Association. I have notified the Secretary to this effect.

Yours faithfully,

Principal.

July 13, 1931

Dr. G. A. Young,
Treasurer,
Royal Society of Canada,
Care Geological Survey,
O t t a w a .

Dear Sir,

Please find enclosed receipt from
Professor F. E. Lloyd for \$182.50 received from
the Royal Society of Canada.

Yours faithfully,

Secretary to the Principal

DOCKET ENDS:

ROYAL SOCIETY

1930 - 1931