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125 Cumberland St., Toronto.

GENERAL SECRETARY:

J. R. COLLINS,
23 North St., Toronto.

CURATOR:

ROBERT S. DUNCAN,
516 Ontario St., Toronto.

General Council:

The above officers, with the following members constitute the General Council of the Society:

JOSEPH POPE, C.M.G., Ottawa,
H. B. COLLIER, B.A., Peterboro,
REV. I. J. KAVANAGH, S.J., D.Sc., Montreal,
WM. BRUCE, Hamilton,
LACHLAN GILCHRIST, M.A., Toronto,
R. M. STEWART, M.A., Ottawa,

and the following Past Presidents:

ANDREW ELVINS,
JOHN A. PATERSON, K.C., M.A.,
R. F. STUPART, F.R.S.C.,
PROFESSOR C. A. CHANT,
W. BALFOUR MUSSON,

and the presiding officer at each centre as follows:

DR. OTTO KLOTZ, Ottawa.
REV. DR. MARSH, F.R.A.S., Peterboro.
G. PARRY JENKINS, F.R.A.S., Hamilton.

The Royal
Astronomical Society
of Canada



**PROGRAMME
OF TORONTO MEETINGS**

IN

THE SOCIETY'S ROOMS, 198 COLLEGE ST.

JANUARY, FEBRUARY, MARCH

1910

Programme

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January 18th.

General Annual Conversazione.
(Victoria College)

February 1st.

Astronomical Determination of the Terrestrial Pole.
Professor L. B. Stewart.

February 15th.

Ocean Winds—from a seaman's point of view.
J. Frederick Sharpe.

March 1st.

Light Waves and their Uses, with experiments.
L. Gilchrist, M.A.
(University Physics Building)

March 15th.

With Bernier in the Artic Circle.
W. E. Jackson, M. A.

March 29th.

Motions of the Heavenly Bodies—illustrated with
mechanical slides.
Professor C. A. Chant.

Notes

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Discussion is invited on the subject matter of each paper and on other timely subjects. This usually is a very interesting feature of the evening.

The society issues a bi-monthly *Journal*, containing papers presented to the society, astronomical phenomena and other interesting features. All publications are free to members.

The Assistant Librarian, will be in the Library on alternate Tuesday evenings, and on other days from 9 a.m. to 1 p.m.

Those interested in Astronomy or Astronomical Physics are eligible for membership.

Annual Fee - - \$2.00.

The annual meeting of the R.S.C. was held in
the rooms 140 College St - Toronto on Jan 4th
The President - in the Chair

The financial statement of the Society affairs
for the past year ~~was read~~ together with estimate of
probable expenses for 1910 was read by the Treasurer

The Librarian's Report was taken as read
The Secretary's Report was taken as read

The counting of ballots for the election of officers
and members of Council for 1910 was proceeded with
J. A. Boyle and J. McCallum - as motions of the

Treasurer & the Secretary were appointed scrutineers

The scrutineers found all the officers elected
by acclamation and the following six gentlemen
secured the largest number of votes polled for
members of Council

Joseph Pope	C. W. G.	Ottawa
Rev. J. J. Kavanaugh	De la	Montreal
R. M. Stewart	M. A.	Ottawa
H. B. Collins	B. G.	Peterboro
Wm. Bruce		Hamilton
Franklin G. Lechman	M. G.	Toronto

Alfred T. Murray
Jan 10, 1910

WRC

The Annual Convocation of the R.A.S. was held at Victoria College on Jan 18/10. The Honorable Mr. Pope, Minister of Education as Chairman was unable to be present on account of business of State.

1st Vice President Prof Stewart took the Chair. The Returning President W. Balguy Messrs. delivered the presidential address reviewing the recent development in Astronomy and Astrophysics.

Mr. Paterson explained a number of ^{lectures} slides. Mr. Miller & Gilbert explained spectroscopic experiments and experiment with the ultra microscope. A large number of friends were present and a very pleasant and profitable evening was spent.

Louise Stewart

R.L.

Minutes of Meeting of the R. A. S. C. 198 College St. Toronto Feb. 1/10

Professor Stewart in the chair.

The Minutes of the last Meeting were read and confirmed

Communications were read from

G. J. Hoyle, Cannington.
G. Parry Jenkins, Hamilton.
J. Miller Barr, St. Catharines.
Rev. I. J. Kavanagh, Montreal,
F. R. Tubb, Toronto.
K. McIntosh, St Peters, N. S.

R

Nominations for membership.

J. H. Mason, 180 Richmond St. West, Toronto.
J. D. Farquhar, 88 Wright Ave. Toronto.

by J. R. Collins and Professor Stewart

Comet a1910 was reported to have been observed by Rev Robt. Atkinson on the night of Jan. ~~WQsx~~ 21st. whilst in Newfoundland. The Comet had also been seen by G. J. Hoyle of Cannington, On Jan. 24th, and by Mr. Muir and Mr. Elvins on Jan 29th. The skys had been cloudy and the object had not been generally observed in Toronto.

Mr R. Stewart Muir at this point took the chair and Professor L. B. Stewart then gave the paper for the evening on

Astronomical Determinations of the Terrestrial Pole

*Albert Stewart
July 10, 1910*

*for Reader
R. Collins*

Minutes of Meeting of R.A.S.C. Feb 15/10
in the Society's Rooms 198 College St

The President, Professor de Laury in the chair
The Minutes of the meeting of Feb the 1st were read and
approved

Communications were reported from
Prof. The Astronomer Centre
K. Mcintosh
Prof Percival Lowell

Report of Council meeting of Feb the 8th was read and
approved, subject to requirements of the constitution

Members elected - J.H. Mason 180 Richmond St W Toronto
J. De Farguhar 85 Wright Ave

The Librarian Reported the receipt of a number of publications
with the object of stimulating discussion
and queries, Mr Elvins submitted the
following for explanation at the next
meeting "What is Bode's Law" and does
it work out exactly.

for Reader

JR Collins

Mr. Muir drew attention to peculiar curvations
of Halley's Comet when projected on the star sphere.

Professor Stewart reported having observed Halley's Comet
from his observatory, with his transit instrument of 2¼-in. aper-
ture at 8 o'clock on the night of February 10 using a power of
eighty. The object appeared as a blurred star of the 7th or 8th
magnitude in the position predicted by its ephemeris. Professor
Chant had also observed it on the same night with 4½-in. aper-
ture.

Mr. J. Frederick Sharpe gave the paper for the evening
entitled "The Winds of the Ocean." The various trade winds
and other more or less regular atmospheric currents, and in well
chosen language gave a vivid account of storms at sea drawn
from his personal experience in various waters as an officer of the
sailing vessel of forty years ago.

A.T.D. de Laury

Nov 1/10

The last meeting of the Society was held
in the Physical Building of the University
on Nov 1st
The President in the Chair

The minutes of previous meeting
were read and confirmed

Under Reports from Committees

The Secretary reported that a committee
of Mr Muller Mr Morrison themselves had
waited upon Miss Elsie A. Dent on the
eve of her departure to Ottawa and presented
to her on behalf of the members of the Society
a token of their esteem and an acknowledgment
of the services she has efficiently rendered the
Society, ^{which were being in form of} a bracelet of gold set with amethysts
and pearls - contributions for the purpose were received
by private subscription by the members

The Paper for the evening was 'The
Celebrant in Some cases of Light Waves'
with more particular reference to the 'Fusion' effect
by
McCollum

Mar 15/10

1910

The last meeting of the Society, was held in the Rooms, 198 College St.
The President in the chair

on the evening of Mar 15-10

Communications were reported prof-:

- Mr. R. F. Tubb, Toronto.
- A. H. Mackay, Minister of Education, Halifax, N.S.
- J. Miller Barr, St. Catherines.
- Joseph Pope, C.M.G., Ottawa

Mr Elvins query relative to Bodes Law " was left over . to be discussed at a future meeting.

The Librarian's Report was received.

The Paper for the evening was,

With Bernier in the Arctic Circle.
by Mr. W.E. Jackson.

which was illustrated by lantern slides and highly appreciated by all W.E.

SCIENTIFIC DATA FROM NORTH LAND

Lecture on Observations on Trip With Bernier.

An entertaining account of Capt. Bernier's recent Arctic expedition was given by Mr. W. E. Jackson in an illustrated lecture, under the auspices of the Royal Astronomical Society of Canada, before an audience that filled the assembly room of the Canadian Institute last night. Mr. Jackson, who is attached to the Meteorological Observatory here, accompanied the expedition for the purpose of making magnetic observations in the far north. Prof. DeLury, president of the society, occupied the chair.

The expedition started from Quebec in July, 1907, and reached Etah, Greenland, just after Peary has left. From August, 1908, to the same month in the following year, the explorer remained at Winter Harbor, Melville Island, and from this station frequent side trips were made by Mr. Jackson, in which he obtained valuable scientific data. Of special interest was the splendid series of lantern slides which were thrown on the canvas, showing the character of the land through which the expedition passed and illustrating the life and customs of the inhabitants and the peculiar species of fauna encountered. Among the latter, excellent pictures of musk-ox and caribou were shown. During the Summer the snow melted on high ground, which proved to be of archaean formation. There were, however, no mineral indications.

BOOKS HOTEL SOLD

Mar 24/87

The last meeting of the Society was held
on Mar 29th in the Physics Building of the University
The President in the Chair

Mr. Abbott Broadview Ave Toronto

was ~~admitted~~ elected a member of the society

Oliver J. J. Berlin Ont

was nominated for membership

on motion of Mr Paterson the reading of
minutes was dispensed with and the paper for
the evening was proceeded with

Mr W. G. R. Mitchell contributed this
under the title of "With Shackleton in the Antarctic
sea"

Mr Mitchell described his experiences with
the expedition and the nature of the regions passed
through in a lucid and enterprising manner
illustrated profusely with lantern slides, for the
most part views taken by himself, and which were then
shown for the first time in public

The lecture was appreciated by the large audience present
and on motion of Mr Paterson & Professor Clewett the lecturer was
tendered a hearty vote of thanks

W. Collins Sec