

THE ROYAL ASTRONOMICAL SOCIETY OF CANADA
252 College Street, Toronto 2B, Ontario

ANNOUNCES A TWO-DAY PROGRAM OF SESSIONS

On Friday, March 13th, 1959

THE ANNUAL MEETING AND AT-HOME

will be held at 8.15 p.m.

in the

DEBATES ROOM, HART HOUSE

The University of Toronto

AGENDA: Reports of Officers and Committees

ADDRESS BY THE PRESIDENT: Helen S. Hogg, Ph.D., D.Sc., F.R.S.C.

VARIABLE STARS IN STAR CLUSTERS

Refreshments by courtesy of the Toronto Centre
Members and their guests are invited to attend

On Saturday, March 14th, 1959

- 9.30 a.m. SESSION for the presentation and discussion of papers submitted
by members, Debates Room, Hart House.
- 12.30 p.m. LUNCHEON, Graduates Dining Room, Hart House, University of
Toronto.
- 2.00 p.m. CONDUCTED TOUR, The Royal Ontario Museum, University Avenue and
Bloor Street.
- 8.00 p.m. David Dunlap Observatory Visit for out-of-town members.

Helen S. Hogg, President.

J. E. Kennedy, Secretary.

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Information for Members

COMPOSITION OF THE NATIONAL COUNCIL

The National Council of the Society consists of the officers and the three elective members chosen by the accompanying ballot and, in addition, two representatives appointed by each Centre, one of whom is the President of the Centre. The names of these appointed members of Council are as follows:

Français de Montréal Centre:	R. Grignon, Pierre Lemieux (Pres.)
Edmonton Centre:	E. S. Keeping, Earl Milton (Pres.)
Calgary Centre:	Walter H. Stilwell (Pres.)
Halifax Centre:	Rev. M.W. Burke-Gaffney, S.J., Murray E. Higgins (Pres.)
Hamilton Centre:	G. M. Vansickle, J. G. Craig (Pres.)
London Centre:	W. Wehlau (Pres.)
Montreal Centre:	C. M. Good, A. R. MacLennan (Pres.)
Ottawa Centre:	J. L. Locke, J. E. Lilly (Pres.)
Quebec Centre:	Maurice Drolet, J. Alfred Dumont (Pres.)
Toronto Centre:	J. F. Heard, Leonard Searle (Pres.)
Vancouver Centre:	J. S. Jacobs, G. Shrum (Pres.)
Victoria Centre:	Norman G. Rogers, J. A. L. Muir (Pres.)
Windsor Centre:	Lambert Huneault (Pres.)
Winnipeg Centre:	R. J. Lockhart, J. Scatliff (Pres.)

BIOGRAPHICAL NOTES ON CANDIDATES FOR ELECTIVE MEMBERS OF THE NATIONAL COUNCIL

The names of six members appear on the ballot this year for election of three to the Council. Three of these have served for the past year, the other three are newly nominated. There is no intention that this fact should influence the voting except insofar as voters may wish to decide for themselves whether it is better to have new members on Council or to have the same members serving for several years. Following are brief biographical notes on the candidates:

- Miriam S. Burland, B.A. Miss Burland is an astrophysicist at the Dominion Observatory, Ottawa. She has held many offices in the Ottawa Centre, including those of Secretary and President. She has been an elective member of the National Council for 1958 and is nominated for re-election.
- A. Vibert Douglas, M.B.E., Ph.D. Dr. Douglas is Professor of Astronomy at Queen's University, and a Past President of the Society. She has been an elective member of the National Council for 1958 and is nominated for re-election.
- William B. Hibbard, B.B.A. Mr. Hibbard is an investment banker and a resident of Detroit, Michigan. As an enthusiastic American member of our Society, he is representative of our many members in the United States.
- Robert J. Lockhart, B.A. Mr. Lockhart is Assistant Professor of Mathematics and Astronomy at the University of Manitoba. He has been very active in the promotion of the Winnipeg Centre of which he is a Past President.
- William J. McCallion, M.A. Mr. McCallion, a mathematician, is Director of University Extension at McMaster University, Hamilton. He is Past President of the Hamilton Centre and remains very active in the affairs of that Centre.
- Carl Reinhardt, B.Sc. Mr. Reinhardt is a mining engineer of Toronto and Cobalt. He is a member of the Property Committee, accepting much of the responsibility for the maintenance and operation of 252 College Street. As an elective member of the National Council for 1958, he is nominated for re-election.

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A G E N D A
of
ANNUAL MEETING

Friday, March 13, 1959, at 8:15 p.m.

Debates Room, Hart House

1. Minutes of the Annual Meeting of March 28, 1958.
2. Tribute to the memory of deceased members.
3. Roll call of members present by Centres.
4. Report of the Board of Trustees.
5. Report of the Treasurer.
6. Report of the Librarian.
7. Report of the Secretary.
8. Report of the President.
9. Report of the Scrutineers on the Election of Officers for 1959;
at the conclusion of this report, the officers will be presented
to the audience.
10. Introduction of the retiring President, Dr. Helen S. Hogg, followed
by the Presidential Address - "Variable Stars in Star Clusters".

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STATEMENT OF GENERAL ACCOUNT 1958

I N C O M E

Comparison 1957

Membership Fees:

R.A.S.C. Centres	\$ 4,661.56		\$ 3,084.83	
Individual Members	2,293.86		1,418.99	
Life Membership Reserve	<u>120.32</u>	\$ 7,075.74	<u>117.98</u>	\$ 4,621.80

Grants and Donations:

Government of Canada	\$ 3,500.00		\$ 3,500.00	
Province of Ontario	1,000.00		1,000.00	
Miscellaneous contributions	<u>40.00</u>	4,540.00	<u>771.05</u>	5,271.05

Publications (Sales & subscriptions)

Journal of the R.A.S.C.	\$ 1,192.37		\$ 1,441.22	
Observer's Handbook	2,985.47		2,665.21	
Special issues and reprints	<u>4,235.12</u>		<u>2,322.96</u>	
	8,412.96		6,429.39	
Less: Agents' discounts	<u>583.45</u>	7,829.51	<u>216.33</u>	6,213.06
Advertising Revenue		1,222.92		995.65
Proceeds from sale of insignia		<u>978.00</u>		

GROSS INCOME

\$21,646.27 \$17,101.56

E X P E N D I T U R E S

Printing of publications	\$12,276.57	\$10,793.13
Insignia and lapel buttons	794.00	
Office salaries	3,842.35	3,678.90
Stationery, printing & off. supp.	1,400.13	435.10
Grants to R.A.S.C. Centres		88.00
Rental allowances	600.00	622.30
Postage and express	400.24	238.81
General expenses	182.04	199.73
Library expenses	46.91	33.94
Telephone	129.13	121.22
Bank charges & foreign exchange	176.28	162.06
Provision for doubtful accounts	117.46	155.02
Depreciation on furniture & equipment	<u>264.60</u>	<u>245.00</u>

TOTAL EXPENDITURES

20,229.71 16,773.21

Net Operating surplus

\$ 1,416.46 \$ 328.35



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REPORT OF THE LIBRARIAN, 1958

321 books were borrowed from the Library in 1958. This is much better than last year's total of 243. 11 books were borrowed by mail with the special labels used for return.

There were 10 requests for a list of slides and films available.

3 boxes of slides were borrowed.

19 new books were added to the Library during 1958 and many more are on order. These are to be charged against the donations made by Mr. Carl Reinhardt in the past.

Approximately 100 of the newer books have been catalogued. A list has been made, and may be had from the Library on request.

Revenue from the sale of back numbers of Journals was \$350.90 for 1958.

There is a shortage of some of the back numbers of the Journal, especially for 1957 and the first issue of 1954. We would appreciate help from the general membership in replenishing our stock.

13 March, 1959

W. T. Tutte,
Librarian.

REPORT OF THE NATIONAL SECRETARY, 1958

Four meetings of the National Council were held in 1958; the Executive Committee held nine regular and three emergency meetings during the year. Our President, as Chairman of these meetings, was absent on only one occasion while attending an astronomical conference in Moscow. The many accomplishments of the Society in 1958 were largely due to the leadership provided by the President both to the membership and to the National Officers, particularly throughout the lengthy business sessions.

This year, the Society appointed three Technical Correspondents and one Telescope Correspondent. They are Miss Miriam S. Burland of the Dominion Observatory, Miss Ruth J. Northcott of the David Dunlap Observatory, Dr. Jean K. McDonald of the Dominion Astrophysical Observatory and Mr. R. Broadfoot of the Toronto Centre. The enquiries directed to the National Office are divided on a regional basis, as well as on technical content, to permit rapid and efficient handling. We are most indebted to our Correspondents for answering these technical enquiries; we believe this service gives our Society more of a "National" characteristic.

Mrs. Marie Fidler was appointed full-time Executive Secretary in mid-September; she had assisted on a part-time basis in the office for some months prior to this. It is noted with much satisfaction that the improvements implemented by Mrs. Fidler in the operation of the National Office have been reflected in better co-operation and response from the Executive Officers of the 14 Centres.

The Membership of the Society stands as of March 1, 1959, at 1,706, made up as follows:

Centre Francais de Montreal	- 38	Ottawa	- 81
Calgary	- 61	Quebec	- 64
Edmonton	- 28	Toronto	- 458
Halifax	- 14	Vancouver	- 54
Hamilton	- 67	Victoria	- 71
London	- 45	Windsor	- 35
Montreal	- 165	Winnipeg	- 40
		Unattached	- 485
		(including Life)	

The number of Honorary Members in the Society during 1958 remained at 13. For the first time in almost two decades, a membership list for the Society has been prepared and printed. Members may obtain a copy by writing to the National Office.

No award was made of the Society's Gold Medal nor of the Chant Medal in 1958. The "Service Award" was instituted; regulations pertaining to this have been approved by the National Council.

We are very pleased that the first recipient of the "Servier Award" and Honorary Secretary of the Society, Mr. E.J.A. Kennedy, is present with us this evening.

The Society is taking another step forward in enlarging the Program of the Annual Meeting by including a Papers Session and other functions. The success of this venture rests with the interest and response of the members.

As the roll call has indicated, representatives are present from eleven of our Centres. Regrets have been received from a large number of members who, because of distance or other reasons, are unable to attend. We look forward to an Annual Meeting in the future when all of our 14 Centres will be represented.

Je suis heureux de souhaiter la bienvenue aux représentants du Centre Français de Montréal. Des activités actuellement en cours au Centre de Québec ont empêché ce groupe d'envoyer un délégué à notre congrès annuel. Il ne conviendrait pas, cependant, de passer sous silence le fait que le Centre de Québec a fourni une aide généreuse à des groupes d'astronomes amateurs de Chicoutimi, de Lévis et des Trois-Rivières. C'est de tels essais qui produisent éventuellement les nouveaux centres de notre Société.

The reports submitted by the Secretaries of the Centres will be published in the Journal. In reading these reports, you will be aware of the planning and foresight which has produced so many commendable lecture programs and other successful Centre activities. We hope the achievements of the past year will inspire you to greater accomplishments in the year ahead.

March 11, 1959

J. E. Kennedy
J. E. Kennedy,
National Secretary.

THE ROYAL ASTRONOMICAL SOCIETY OF CANADA

Session for the Presentation
of Papers

Debates Room, Hart House, Toronto

March 14, 1959, 9:30 a.m. - 12:00 noon

Chairman: Peter M. Millman, Ph.D.,
First Vice-President of the Society

Isabel Williamson,
Montreal

What the Montreal Centre is
trying to accomplish by its
Observation Program.

R. W. Nicholls,
W. H. Parkinson and M.D. Watson,
London

Shock Excitation of Powdered Solids,
Astrophysical applications.

Earl Milton and E. S. Keeping,
Edmonton

Report of the Edmonton Centre
Observer Group

J. E. Kennedy,
Toronto

Historical Research in Astronomy

INTERMISSION

George E. Wedge,
Montreal

Activities of the Lunar Section
of the Montreal Centre.

R. V. Ramsay and
A. L. Ostrander,
Toronto

An Investigation of Sunrise
Flares within a Lunar Crater.

F. J. DeKinder,
Montreal

Ten years of Regular Solar
Observations.

P. M. Millman and
Miriam S. Burland,
Ottawa

The I.G.Y. Program of Meteor Observa-
tions.

W. J. McCallion and
T. Norton,
Hamilton

The Spitz Planetarium, McMaster
University.

X W. B. Hibbard,
Detroit

Applications of the van den Bergh
Method to the Study of Eclipse Cycles.

Committee arranging the Session:

Helen S. Hogg, J. F. Heard
D. A. MacRae, J. E. Kennedy