

THE ROYAL ASTRONOMICAL SOCIETY OF CANADA



ADMINISTRATION BULLETIN NO.1

10 October, 1962.

252 COLLEGE STREET TORONTO 2B, ONTARIO

The decision to issue Administration Bulletins from the National Office was approved by the Executive Committee at a meeting on 16 August, 1962. Through the Bulletins we plan to keep you informed on current R.A.S.C. activities, and remind you of numerous requests from the National Office for information as well as deadline dates.

As we stand on the threshold of the 1962-63 session, Treasurers of Centres are asked to mail their Quarterly Report Forms to 252 College Street before 15 October.

We must remind you now to select scrap-book material and send it to Miss Ruth J. Northcott before the Annual Meeting next March. In the past, the majority of Centres have not submitted material for this project and it would be appreciated if more attention could be given to this in the next few months. The press clippings and photographs sent in have given us a clear picture of the numerous and varied activities in which our Centre members participate.

Nominations should be considered by your Centre Executive for the Service Award, the Chant Medal, and Membership Certificates. Nominations for the Service Award and Chant Medal must reach the National Office before 31 December. The cost of the Service Award is \$15.50 and Membership Certificates are \$1.00 each, charged to the Centre.

The OBSERVER'S HANDBOOK for 1963 will be printed and delivered to the National Office on 1st November. The press run has been held at the 1962 figure of 9,600 copies. While there has been a surplus of 600 copies this year, we hope that through your cooperation this total may be substantially reduced. The Committee on Publications, Sales and Advertising under Miss Miriam S. Burland is giving the problem considerable attention since the revenue from the sale of OBSERVER'S HANDBOOKS defrays, to a large extent, the cost of publishing the JOURNAL.

The next meeting of the Executive Committee is scheduled for 9 November. The National Council will meet on 4 January, 1963.

The fall programme of the Toronto Centre includes talks by Dr. J. Allen Hynek on November 2; Dr. M. P. Savedoff on November 16; Dr. W. A. Hiltner on December 14 and Dr. C. S. Beals on Saturday, December 1. The latter is a joint meeting with the Royal Canadian Institute. If the other Centres will supply us with similar information, it will be included in future Bulletins and may assist other Centres in selecting speakers.

Please let us have your suggestions on the type of items you would like included in future issues of the Administration Bulletin. Six copies of Administration Bulletin No.1 have been mailed to the Secretary of each Centre for distribution without delay to your officers. Would you advise us whether this number is adequate for your requirements?

Marie Fidler, Executive Secretary.

J. E. Kennedy, National Secretary.

THE ROYAL ASTRONOMICAL SOCIETY OF CANADA



ADMINISTRATION BULLETIN NO.2

252 COLLEGE STREET TORONTO 2B, ONTARIO

19 November, 1962.

The death of our Honorary President, Dr. Marc Boyer, in Ottawa on 8 November is noted with regret. In his position as Deputy Minister of Mines and Technical Surveys, Dr. Boyer gave strong support to Canadian astronomy.

The annual reports of the Secretary and the Treasurer of each Centre, together with a list of Officers and Council for 1963, must be submitted to the National Office before 31 December, 1962. If your annual meeting is not held before January, 1963, please send your reports as soon as these are ready and advise us later if alterations are required. Without your cooperation, the Supplement to the JOURNAL will not be published in time for the Annual Meeting in March, 1963. Please follow the style and arrangement of the 1962 Supplement in preparing your reports.

Dr. Helen S. Hogg addressed the Amateur Astronomers Association in New York City on 7 November, selecting as the title of her lecture "Stellar Cities".

Our President, Miss Ruth J. Northcott, and the National Secretary, attended the Annual Meeting of the Niagara Falls Centre on 6 November. Miss Northcott spoke briefly on "Some recent instrumentation developments in Astronomy in Canada".

Dr. D. A. MacRae and Miss Ruth J. Northcott attended the I.A.U. meetings in Victoria on 26 and 27 October as representatives of the R.A.S.C. Dr. P. M. Millman and Mr. J. E. Kennedy, our other two representatives on the National Committee for Canada, I.A.U., were unable to be present. Dr. MacRae presented a paper at the scientific session entitled "Expected effects of extra-terrestrial observing on long-range observatory planning".

The OBSERVER'S HANDBOOK for 1963 was received from the U. of T. Press for distribution on 7 November. All Centres are asked to encourage the sale of this publication and reduce the carry-over in the press run of 9600 copies.

As an alternate for Dr. P. M. Millman, the official R.A.S.C. representative, Miss Ruth J. Northcott attended a meeting of the C.S.F.C. held in Toronto on 31 October. It was announced that the second Canada-Wide Science Fair would be held in Toronto early in May, 1963. Our Society is one of the thirteen sponsoring organizations.

Mr. Malcolm M. Thomson, 2nd Vice-President, R.A.S.C., has been appointed as co-ordinator of all plans for the 1963 total solar eclipse. For our own members, Miss Williamson of the Montreal Centre is Acting Solar Eclipse Co-ordinator.

Miss Ruth J. Northcott and Mr. J. E. Kennedy will attend a meeting of the Kingston Centre on 22 November. Presentation of the certificate granted by the Society to Gary Rathwell at the first Canada-Wide Science Fair held in Ottawa last May will be made by our President on this occasion.

The Executive Committee met at the National Office on 9 November. Please consult your Minutes for details of the business transacted.

Marie Fidler, Executive Secretary.

J. E. Kennedy, National Secretary.

THE ROYAL ASTRONOMICAL SOCIETY OF CANADA



ADMINISTRATION BULLETIN NO. 3
8 January, 1963.

252 COLLEGE STREET TORONTO 2B, ONTARIO

Dr. Helen S. Hogg, accompanied by Miss Ruth J. Northcott and the National Secretary, attended a dinner in Hamilton on 6th December for the members of the Council and their wives and later addressed the Hamilton Centre on the topic "Globular Clusters - Stellar Cities".

Dr. Robert Fleischer, on leave of absence as Professor of astronomy at Rensselaer Polytechnic Institute and a member of the R.A.S.C. since 1944, has been appointed National Science Foundation Coordinator for the International Year of the Quiet Sun (1st January 1964 through 31st December 1965).

The Committee Planning the General Assembly for 1963 to be held in Toronto 17th-19th May is now under the chairmanship of Miss Ruth J. Northcott, and has added as members Mr. R.W. Tanner, Mr. J. Yaver, Mr. David Crampton and Mr. J.E. Kennedy. Instructions on displays and exhibits are being sent out to each Centre and a good response is expected; the intention of any member to present a paper should be made known to Mr. R. W. Tanner, Dominion Observatory, Ottawa, as early as possible in 1963.

Two sets of periodicals were sold by the Royal Astronomical Society of Canada to the Library of the University of Ottawa and delivery made in mid-December. The Journal of The Franklin Institute and the Proceedings of the Royal Society of London are very valuable reference works and the Society is pleased to see these transferred to a Canadian University with growing research interests.

Secretaries and Treasurers of Centres were reminded in paragraph 2 of Administration Bulletin No. 2 that annual reports should be submitted to the National Office by 31st December, 1962. As of this date, only three Centres have sent in all three reports necessary for the Supplement to the JOURNAL and ten other Centres have sent part of the information requested. Treasurers should also note that the next Quarterly Report must reach the National Office by 15th January, 1963.

The Toronto Centre, Royal Astronomical Society of Canada, was associated with the Canadian Technion Society in sponsoring a lecture by Dr. John R. Pierce at Holy Blossom Temple on 9th December, and was represented by the President, Mr. Ray Broadfoot. Dr. Pierce, who has been a leader in the Echo and Telestar Satellite programmes, spoke on the future of Satellite Communications. Miss Northcott and Mr. Kennedy attended as representatives of the R.A.S.C.

A fog-bound Convocation Hall at the University of Toronto on Grey Cup weekend was the setting for an outstanding lecture by the Dominion Astronomer, Dr. C. S. Beals, on Canada's Meteorite Craters. This was a joint meeting of The Royal Canadian Institute and the Toronto Centre of The Royal Astronomical Society of Canada.

The award of the first William Ross Hossack Memorial Scholarship is described in the attached brochure. Individual members and Centres may still wish to contribute to this fund and thus make it possible for this scholarship to be given in perpetuity.

Marie Fidler, Executive Secretary

J. E. Kennedy, National Secretary

THE ROYAL ASTRONOMICAL SOCIETY OF CANADA



ADMINISTRATION BULLETIN No.4
1 March, 1963

252 COLLEGE STREET TORONTO 2B, ONTARIO

The ballot for the annual Election of Officers, and other assorted material, was mailed to members on 12 February. The Supplement to the JOURNAL and the notice of the Annual Meeting are being mailed today. The National Office will be "busier than usual" on 8 March with the National Council meeting in the afternoon and the Annual Meeting in the evening. Dr. T. Matthews of the California Institute of Technology will speak to the Toronto Centre at their regular meeting, which is followed by the annual business meeting of the Society.

Dr. J. L. Locke, Chief of the Stellar Physics Division at the Dominion Observatory, gave an illustrated lecture to the Toronto Centre of the R.A.S.C. on 8 February. His subject was "The Milky Way From Penticton, B.C.", the site of the Dominion Radio Astrophysical Observatory. The construction of a second radio telescope at the D.R.A.O. is progressing very well.

Dr. and Mrs. J. F. Heard left Toronto on 12 February for an extended trip around the world, scheduling stops at various places including Victoria, New Zealand, Mount Stromlo, South Africa, Cairo, Venice and Leiden. Dr. Heard has never supported the "Flat Earth Society" and it is not expected that his attitude will change on the successful completion of this voyage! Mr. R. R. Broadfoot, Past President of the Toronto Centre, will be acting as National Treasurer and Chairman of the Board of Trustees until the end of July.

A second request for information on Exhibits for the General Assembly in May is enclosed. Only one reply from our sixteen Centres has been received at the National Office, advising us of the appointment of representatives to look after display material. May we have your cooperation, please?

The National Committee for Canada of the International Astronomical Union is meeting in Ottawa on 15-16 March, with the scientific sessions on "Astrometry". Dr. R. M. Petrie of the Dominion Astrophysical Observatory, Victoria, and a Past President of the R.A.S.C., is addressing the Ottawa Centre on the previous evening on "The B-Stars and the Galaxy". If satisfactory travel can be arranged, this meeting will also be attended by Miss Ruth J. Northcott and Mr. J. E. Kennedy.

Plans for the General Assembly in Toronto on 17-19 May are progressing. We hope that many members from outside Toronto will be able to attend and enjoy the pleasant surroundings selected for these meetings at the Education Centre at 155 College Street, not far from the National Office. Thanks to the efforts of Rev. Norman Green, residence accommodation will be offered for the first time in Toronto to out-of-town members and their wives who plan to attend the General Assembly (men at Trinity College and ladies at St. Hilda's).

Dr. Peter M. Millman, immediate Past President of the Society, delivered an interesting lecture to The Royal Canadian Institute on Saturday, 16 February, on the topic "Space Travel, Yesterday, Today and the Day After To-morrow". Dr. Helen S. Hogg, a Vice-President of the R.C.I., thanked the speaker and included in her remarks a poem written for the occasion, paraphrasing "Catch a Falling Star and Put It In Your Pocket".

Marie Fidler, Executive Secretary

J. E. Kennedy, National Secretary

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THE ROYAL ASTRONOMICAL SOCIETY OF CANADA



ADMINISTRATION BULLETIN NO. 5
1 April, 1963.

252 COLLEGE STREET TORONTO 2B, ONTARIO

The Townsend Memorial Lecture of the Montreal Centre will be delivered this year on 4th April by Dr. Peter M. Millman, Head of the Upper Atmosphere Research Section of the National Research Council and Immediate Past President of The Royal Astronomical Society of Canada. The subject of this lecture will be "Man Into Space".

Enclosed is a copy of the Reading List published by the Bell Telephone Laboratories, giving suggested titles on astronomical subjects. The majority of these publications are available from the R.A.S.C. Library at 252 College Street.

It has just been announced that Dr. D.W.R. McKinley has been appointed Director of the Radio and Electrical Engineering Division at the National Research Council. Dr. McKinley is Chairman of the Editing Committee of the R.A.S.C.; he is internationally known for his work on radar detection of meteors. Our sincere congratulations.

Mr. R. R. Broadfoot and Mrs. Marie Fidler, scrutineers for the annual election of Officers of the R.A.S.C., reported at the Annual Meeting that of a total of 1,721 ballots sent out to members, a disappointing number of 477 had been returned (28% approximately). The Presidents and Executive Officers of each Centre are requested to encourage their members to vote in the annual election.

A second notice re papers for the General Assembly was issued on 20th March. Please urge your members to make this Session for Papers a stimulating event. Completed manuscripts, together with an abstract of 200 words, should be forwarded to R.W. Tanner, Dominion Observatory, Ottawa, Ontario, not later than 10th April. You are reminded that the manuscripts must receive the approval of the Executive of your Centre before acceptance.

Miss I. K. Williamson, National Co-ordinator for the 1963 Solar Eclipse, has just issued Bulletin No.3, suggesting programmes that can be followed and tentative sites for viewing this phenomenon on 20th July. Enquiries and suggestions are welcomed; her address is 5162 Belmore Avenue, Montreal 29, P.Q.

The dates of the General Assembly in May are fast approaching and only three Centres have advised the National Office of the names of their representatives to look after the display material. There will be adequate space in the Education Centre for displays and we trust the activities of your Centre will be presented pictorially in this section.

Six copies of each Administration Bulletin are mailed to the Secretary of each Centre for immediate distribution to the officers. If this number is not adequate, we can easily send more on your request. We are always interested in learning of Centre activities that could be included in future Administration Bulletins.

Marie Fidler, Executive Secretary

J. E. Kennedy, National Secretary

THE ROYAL ASTRONOMICAL SOCIETY OF CANADA



ADMINISTRATION BULLETIN NO.8

24 September, 1963.

252 COLLEGE STREET TORONTO 2B, ONTARIO

Our National President, Miss Ruth J. Northcott, has had a particularly busy September. On September 5, she attended a meeting of the Vancouver Centre and on September 6 she attended a meeting of the Winnipeg Centre; on both of these occasions, awards for exhibits in astronomy were presented to participants in the Second Canada-Wide Science Fair. Miss Northcott was in western Canada to attend the I.A.U. meetings in Penticton, B.C. She left this morning to attend the annual Soiree of the Centre Francais de Montreal and will continue east to visit the Halifax Centre on September 25. On October 16, Miss Northcott will speak to the Ottawa Centre and meet with the local committee planning the 1964 General Assembly.

Rev. Norman Green, Assistant to the National Secretary, gave an illustrated talk to approximately 800 persons at the Boyd Conservation Area near Toronto on July 28. Mr. Jesse Ketchum of the Toronto Centre accompanied him and assisted with a telescope display.

On Friday and Saturday evenings, September 27 and 28, the Hamilton Centre is holding its Telescope Field Nights which include movies, telescope viewing, planetarium visits, telescope making and closed TV showing a "live" close-up of the moon.

Also on September 27, the Ottawa Centre will present its second annual Star Night to view the moon, Saturn, Jupiter, and the double star Albireo especially and other selected objects on request.

Dr. J.L. Locke of the Dominion Observatory, Dr. G.A. Harrower of Queen's University and Dr. Peter M. Millman, N.R.C., have just returned from Japan where they attended an URSI meeting in Tokyo.

We are pleased to note that both our First and Second Vice-Presidents, accompanied by their wives, have indicated their intention of attending the reception and dinner on September 28 for our new Honorary President, Dr. W.E. van Steenburgh and Mrs. van Steenburgh.

Centres are reminded that any 1963 OBSERVER'S HANDBOOKS to be returned for credit should reach the National Office by October 15, 1963. Secretaries of Centres are asked to return their supply sheets (for 1964 OBSERVER'S HANDBOOKS, pamphlets, pins, membership cards) as soon as possible...to date, only two Centres have complied!

The Committee for Service Awards will be appointed by National Council on September 28; as the deadline for nominations is December 31, please give this matter your immediate consideration.

Our National Treasurer, Dr. J.F. Heard, has returned to St. Michael's Hospital, Toronto, for further treatment. Reports on his progress are very favourable.

Marie Fidler, Executive Secretary.

J. E. Kennedy, National Secretary.

THE ROYAL ASTRONOMICAL SOCIETY OF CANADA



ADMINISTRATION BULLETIN NO. 9
30 October, 1963

252 COLLEGE STREET TORONTO 2B, ONTARIO

A valuable booklet for the enthusiast who is interested in searching for meteorites has been prepared and issued by the Geological Survey of Canada. It is entitled "how to identify meteorites" and is available from the Queen's Printer, Ottawa, catalogue number M40-2563.

We are pleased to report that Dr. W. L. Orr, a member of the National Committee on Observational Activities, will be addressing a meeting of the Halifax Centre on 30 October, 1963. His topic will be "The Planet Mars and The Amateur Astronomer".

A recent announcement was received at the National Office pertaining to the Conditions of Award of the C. D. Howe Memorial Fellowships. The administration of these awards has been undertaken by the Canadian Universities Foundation. These awards are for professionally trained Canadian citizens at the doctoral or equivalent level of achievement.

Our National President addressed a meeting of the Ottawa Centre on 16th October and spent two busy days there with members of the Dominion Observatory staff, the Committee Planning the 1964 General Assembly, the Chairman of the Editing Committee - Dr. D.W.R. McKinley - and our Past President - Dr. Peter M. Millman.

Rev. Norman Green was appointed by National Council as Assistant to the National Treasurer to act in this capacity until Dr. J. F. Heard is able to resume these duties.

Dr. Allan F. Cook II of the Smithsonian Institute will address a meeting of the Toronto Centre on Friday, 1st November, on the topic "Saturn's Rings". On Saturday, 9th November, Dr. J. L. Locke, Head of the Stellar Physics Division, Dominion Observatory, will speak in Convocation Hall, University of Toronto, to a joint meeting of the Royal Canadian Institute and the Toronto Centre of the R.A.S.C. on "Total Solar Eclipses".

At its meeting on 28th September, the National Council authorized the establishment of a paper-entry Library Fund. The bequest of \$1,000 from the estate of the late Carl Reinhardt will be entered in this; it is expected that a number of members may wish to designate their donations to the Society for this purpose. The purchase of books, films and slides will be made from this Fund.

Our National President will be the guest speaker at the annual dinner meeting of the Niagara Falls Centre on 12th November.

Our First Vice-President, Dr. K. O. Wright, is a "visiting professor" at Mount Holyoke College in South Hadley, Massachusetts, and taking part in the astronomical activities in the vicinity at Amherst and Northampton. He is also participating in seminars at Harvard and Wesleyan Universities.

While we are always appreciative of donations of back numbers of the R.A.S.C. JOURNAL, we are desperately in need of copies of the February 1963 issue. Please come to our assistance!

Marie Fidler, Executive Secretary

J. E. Kennedy, National Secretary

THE ROYAL ASTRONOMICAL SOCIETY OF CANADA



ADMINISTRATION BULLETIN NO. 12

March 2, 1964

252 COLLEGE STREET TORONTO 2B, ONTARIO

The response of the Centres to our request for their views on the proposed large Canadian Telescope has been most gratifying. Copies of this collated material will be sent to our Honorary President, Dr. W.E. van Steenburgh, and to the Dominion Astronomer, Dr. C.S. Beals, who share major responsibilities in the planning of this project.

We are pleased to announce the appointment in January of Dr. Ian Halliday of the Stellar Physics Division of the Dominion Observatory as Assistant Editor of the R.A.S.C. publications. Dr. Halliday is highly regarded as a professional astronomer which, with his experience in the Ottawa Centre, as a former member of National Council and of the Executive Committee, makes him extremely well qualified to undertake this assignment.

The second nationwide National Amateur Astronomers Convention will be held in Denver, Colorado, on the campus of the University on August 28, 29, 30, 31, 1964. A cordial invitation will be extended shortly to each of our Centres from Miss Connie Frank, Secretary to the Convention Coordinator. There are several groups participating and we expect that some R.A.S.C. members will be present. Please keep us informed of your plans on this convention.

Dr. Sidney van den Bergh filled the breach at the 31 January meeting of the Toronto Centre when Dr. Hubert Reeves was unable to be present. Dr. van den Bergh spoke on the programme title "Galaxies". The Telescope Makers Group had an excellent meeting for the general membership on 14 February and on Friday, 6 March, Mr. David Sher, recently returned from three years at the Australian National Observatory, Canberra, will speak on "Star Clouds of the Southern Sky". The annual business meeting of the R.A.S.C. will be held at the close of this Toronto Centre meeting.

Dr. J. Grant of the Meanook Meteor Observatory and Mr. Ian McLennan of the Queen Elizabeth Planetarium both spoke at the 12 February meeting of the Calgary Centre.

Dr. J. L. Locke, Chief of Stellar Physics Division, Dominion Observatory, addressed the Montreal Centre on 13 February on the subject "Exploring the Milky Way by Radio".

Christopher Spratt gave a talk on Variable Stars at the meeting of the Niagara Falls Centre on 18 February.

Mr. L. R. McNarry of the Radio Astronomy Section, National Research Council, addressed the Ottawa Centre meeting on 19 February on the topic "Why Does the Planet Jupiter Emit Bursts of Radio Waves?". Dr. Helen S. Hogg, a Past-President of the Society, will address the Ottawa Centre during March.

"Stardust", the monthly newsletter of the Edmonton Centre, is a very ambitious publication, containing numerous illustrations to add zest to the factual information. The Vice-President's Night, held at the Queen Elizabeth Planetarium on 13 February, included a talk by F/L F. W. McCauley, R.C.A.F.

Marie Fidler, Executive Secretary

J. E. Kennedy, National Secretary.

THE ROYAL ASTRONOMICAL SOCIETY OF CANADA



ADMINISTRATION BULLETIN NO. 17
13 November, 1964

252 COLLEGE STREET TORONTO 2B, ONTARIO

The recent announcement by the Prime Minister of Canada that the proposed 150" reflecting telescope would become a reality made front page headlines across the country. This will be called the Queen Elizabeth II Observatory, to commemorate the visit of Her Majesty to Canada in 1964. A site has been chosen on Mount Kobau, not far south of Penticton, B.C., and construction of the telescope and buildings will take about 7 years to complete. A report on this project, written by the newly-appointed Dominion Astronomer Dr. R.M. Petrie, will appear in the December issue of the JOURNAL. The support received from the Councils of the Centres of the R.A.S.C. for this development was greatly appreciated.

On Tuesday, October 27th, the Niagara Falls Centre held their annual Turkey Dinner. A most enjoyable after-dinner talk entitled "Astronomical Grab-Bag" was given by the National Secretary, Rev. Norman Green, to round out a most successful evening.

The Edmonton Centre had their annual banquet on October 22nd. The guest speaker was Prof. Henry Elder, who chose as his subject "The Influence of the Cosmos on Architectual Expression through the Ages". Congratulations are extended to the hard-working members of this Centre on the success of their annual STAR NIGHT and the excellent photographs featured in STARDUST.

Dr. Robert C. Roeder, newly appointed member of the Department of Astronomy, U. of T., was guest speaker at the Toronto Centre meeting on November 6th. His subject was "Relativity and the Expanding Universe". On November 20th, Dr. Bernard F. Burke of the Carnegie Institute of Washington, will address the members on "Radio Astronomy and the Expanding Universe".

The Hamilton Centre meeting of November 5th featured a talk by Mr. G. A. Thede, entitled "Artificial Satellites and Interplanetary Explorations". Mr. J.E. Kennedy addressed the members of this Centre on October 1st on "Solar Eclipse Expeditions".

Dr. M.P. Bachynski of the RCA Victor Research Laboratories, Montreal, spoke at the October 21st meeting of the Ottawa Centre. On November 18th, Mrs. Gladys A. Harvey of N.R.C. will speak on "Solar Radio Emission".

The Halifax Centre held their second fall meeting on October 28th. An interesting talk on "Folklore and the Constellations" was given by Lt. Mary King.

Your attention is drawn to the following:

- (i) a notice will be mailed shortly to the Centres requesting members to prepare papers for submission to the Committee on Papers for the 1965 General Assembly, which will be held in Toronto next May. These must be approved by the Centre Council before being sent to the Committee on Papers; abstracts of 150 words or less must reach the Committee by March 15th, 1965. It is also suggested that, wherever possible, these papers be presented to the Centres prior to the General Assembly.
- (ii) submissions on candidates for the CHANT MEDAL must reach the National Office by December 31st at the latest.
- (iii) Annual reports by the Treasurer, Secretary and the list of Officers and Council for your Centre should be prepared as soon as possible.

THE ROYAL ASTRONOMICAL SOCIETY OF CANADA



ADMINISTRATION BULLETIN NO.21

252 COLLEGE STREET TORONTO 2B, ONTARIO

Across the country, interest has centred on the Comet Ikeya-Seki; a great deal of press and radio coverage has been given to this celestial object but it has remained elusive for most Canadian observers. Jim Low, Co-ordinator of the Comet and Nova Section, issued two timely announcements giving the ephemeris. We have learned of only two sightings of this comet by our members - Mr. Hugh Maclean of Niagara Falls Centre, and Mr. F. Schneider of the Hamilton Centre.

Members of the R.A.S.C. will have an opportunity to see a reproduction of the model of the McLaughlin Planetarium for Toronto in the December issue of the JOURNAL. We have learned that the new Director of the Queen Elizabeth Planetarium in Edmonton will be Mr. David A. Rodger, a past president of the Saskatoon Astronomical Society. We wish Mr. Ian McLennan every success as Director of the new planetarium in Rochester, N.Y. - while he will be missed in the Edmonton Centre, his closer geographical location to the National Office should prove valuable.

Our National President, Dr. K.O. Wright, has been addressing meetings of several Centres; he spoke to the Toronto Centre on October 15 on "The Chemistry of the Stars" and to a special meeting of the Hamilton Centre on October 20 on "The New Astronomy". After attending the meetings of the National Committee for Canada of the I.A.U. in Ottawa, he will visit London, Windsor, Montreal, Ottawa, Quebec, Halifax, Niagara Falls and Vancouver. To start this tour, very successful afternoon and evening meetings were held in Saskatoon where he also conferred with our Second Vice-President, Professor J.E. Kennedy.

Meetings of Centres have resumed after the summer; Edmonton Centre held their banquet meeting on October 14 when Dr. L.A. Bayrock of the Alberta Research Council spoke on the search for meteoritic materials. The October 15 meeting of the Winnipeg Centre for observation of the eclipsing variable Algol was under the direction of Dr. J.N.R. Scatliff. Dr. Scatliff is also the instructor in astronomy for the 12-session course entitled "Under Winnipeg Skies" beginning on September 20 at the University of Manitoba. Ottawa reported that at their meeting on October 21 Dr. John A. Galt of the D.R.A.O. lectured on "Radio Galaxies". Congratulations go to the Montreal Centre for the excellent booklet on their Star Night held on September 30; their annual meeting was held on October 21, with Dr. K.O. Wright as guest speaker. At the October meeting of the Victoria Centre, Mr. E.E. Bridgen spoke on the importance of amateur work in astronomy.

Mr. J.R. Percy, the National Librarian, has received six satellite pictures from Ranger VII and also the 16mm. film of the Ranger VII photographs of the moon. With this Bulletin, a copy of "Films on Space" is enclosed, a catalogue of 16mm. films available from the National Science Film Library in Ottawa on a rental basis.

It is hoped that the Secretary of each Centre will return the pink sheet to the National Office listing their slate of officers for 1965-66 as soon as the annual meeting has been held.

The 1966 OBSERVER'S HANDBOOK should become available about the same time as last year - November 20 - please advise me before then of the number of copies required by your Centre.

THE ROYAL ASTRONOMICAL SOCIETY OF CANADA



ADMINISTRATION BULLETIN NO. 23

22 March, 1966

252 COLLEGE STREET TORONTO 2B, ONTARIO

Based on the most recent communication from Professor R.J. Lockhart, Chairman of the General Assembly Committee, the 1966 meeting in Winnipeg (May 20-22) offers an extremely interesting program. Provision has been made for members and their guests to be accommodated in Mary Speechly Hall, University of Manitoba, at very reasonable rates. Let us continue to improve the attendance at these yearly get-togethers; this is another opportunity for all of us to taste the best in "western hospitality"! Additional abstracts would be welcomed for the Saturday session for papers; manuscripts should be approved by your Centre Executive before forwarding to Dr. R.C. Roeder at 252 College Street.

We have been asked to bring to your attention the conditions under which the Membership Certificate of the Society is awarded. The minutes of the National Council meeting of January 6, 1961, state:

- (1) "that the Certificate be awarded only to members of not less than five consecutive years' standing;
- (2) that it be treated as a minor service award and that recommendations of members to whom it was to be awarded be made through the Executive of a Centre for the approval of National Council and that the National Council may award it to "unattached" members who have rendered singular service to the Society, and
- (3) that the cost be borne by the Centre and the award be made at the annual meeting of the Centre". (The charge is \$1 for each Certificate.)

The Annual Meeting of the Society was held on Friday, March 11, immediately following a regular meeting of the Toronto Centre. Mr. M.M. Thomson, our incoming National President, spoke briefly after the elections were announced. Mr. Thomson is Chief of the Time Service Division, Dominion Observatory. At the meeting of the Toronto Centre an excellent talk, supplemented by slides and an outstanding film, was given by Dr. Vic Gaizauskas of the Stellar Physics Division, Dominion Observatory, entitled "Eruptions on the Sun".

We were interested to hear that the newly appointed Director of the Queen Elizabeth Planetarium, Mr. David A. Rodger, was guest speaker at the March 10 meeting of the Edmonton Centre. He spoke on "A Tour of Major Planetaria".

Vancouver Centre's Newsletter No.3 contained an interesting note of Messier Observing by Dr. George Fortier; their meeting on March 8 was highlighted by Professor W.R. Danner's address on "Geology in Space".

On April 7, an exchange program has been arranged between the Hamilton Centre and members of the Kitchener Astronomical Society. Mr. N. Colquhoun is speaking on "Natural Satellites" and Mr. W.Wight and Mr. B.F. Drew (a name familiar to many of our members in western Canada) on "A Simple Problem in Celestial Mechanics".

Due to unforeseen circumstances, our auditor was not able to complete the financial statement in time for printing and distributing the Supplement to the JOURNAL before the Annual Meeting; the members present approved the audited figures, which were read by Dr. John F. Heard, retiring National Treasurer.

We are sure all members will be pleased to learn that the 17th Centre of the Society has been formed at St. John's, Newfoundland; a warm welcome is extended.