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EDITORIAL

THE DUNLAP FAMILY

Last month Dr. MacRae sent a copy of the press release concerning the Las Campanas observing station to Mr. David M. Dunlap of Toronto, a grandson of David A. and Jessie Donalda Dunlap.

Mr. Dunlap in a cordial reply expressed his pleasure that his family's gifts had figured in the establishment of the Chile station and spoke of his continuing interest in the affairs of the Observatory. (An interest, by the way, which was manifested quite recently in a sizeable gift from the Dunlap family).

In 1913 when the Ontario Northern Railroad line was being laid through what is now the town of Cobalt, a workman named La Rose idly kicked a shiny rock in the rubble from the blasting, and nearly broke his foot. Realizing that the heavy rock was some sort of ore he took it across the road to the brothers Timmins who ran a general store and who were supposed to have some knowledge of minerals. The brothers said it was silver and that they would help La Rose stake a claim and they would get a lawyer and split the bonanza four ways. The lawyer they got was young David A. Dunlap who was then practising in Kirkland Lake. Out of the La Rose mine, a surface vein of almost pure silver running a few hundred feet up a hill, they took several million dollars and went their separate ways: La Rose into obscurity, the brothers Timmins a hundred miles northward to a gold mining townsite which now bears their name, David Dunlap to Toronto to become involved in Northern Ontario mining developments, particularly the famous McIntyre gold mine.

Dr. Chant in May 1921 gave a public lecture in the U. of T. Physics Building on Winnecke's Comet, and, as was his custom, he took the opportunity to speak of his dream of an Observatory in the Toronto area. After the lecture a man came from the audience to introduce himself to Dr. Chant as David Dunlap and to express his interest in the observatory project. A friendship developed between the two men, but Mr. Dunlap became ill during the following year and died in 1924.

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In the fall of 1926, Dr. Chant, still without funds for his Observatory project, worked up the courage to write to Mrs. Dunlap and ask her to consider building an observatory as a memorial to her husband. Her reply was cordial and within two months the commitment was made and plans began to be drawn up, both Mrs. Dunlap and her son Moffat playing active roles in all but the most technical aspects. The buildings and the telescope were completed early in 1935 and the formal opening was on May 31.

Mrs. Dunlap often visited the Observatory during the first few years of its operation and in many other ways she demonstrated her interest. At a meeting of the American Astronomical Society in September 1935 she entertained the delegates at a garden party at Donalda Farm (now subdivided and forming a large part of Don Mills). The older members of the Society often remind us of the big feature of the afternoon - a sudden fearful whine, and around the corner of the house came the 48th Highlanders' pipe and drum band led by their famous drum major, a great black-mustached Scot who measured close to seven feet. For nearly an hour they marched up and down the rolling acres of lawn, piping and drumming and hooting and skirling and creating the glorious din that only the Scots can.

Not long after the death of Mrs. Dunlap (in 1946) Moffat Dunlap, though only in his thirties, developed a fatal illness, never was able to leave his house again, and died about ten years later. His widow, Peggy, continued to take an interest in the Observatory and on several occasions accepted graciously our invitations to attend social functions. The Moffat Dunlaps had three children, Moffat Jr., David and Donalda, and it is gratifying that these young people are continuing in the family tradition.

J.F.H.

#### COMINGS AND GOINGS

Dr. Hogg was the speaker at the annual dinner meeting of the Ottawa Centre held in the Faculty Club of Carleton University on January 14. She spoke on "Eighteenth Century Expeditions for the Transits of Venus".

Dr. Garrison was at the University of Michigan on Feb. 11-13 consulting with Dr. W. A. Hiltner about several instrumental problems.

Gretchen Hagen returned on Feb. 14 from Chile where she had been since Jan. 9. On her way down she stopped overnight at Antofagasta, a small mining town on the coast near the northern border. She had 19 nights on the 36-inch at Cerro Tololo and brought back about 300 spectrograms of suspected giant and supergiant members of open clusters. She spent the 10-day interval between observing sessions at "Gringo Gulch", the AURA HQ in La Serena, and she spent one day on Las Campanas admiring the shell of the CARSO 40-inch dome and the footing trenches for the Toronto 24-inch. She saw Dr. and Mrs. MacRae at Tololo and again in Santiago.

Dr. MacRae has just returned from a three week visit to South America full of enthusiasm for Chile and the other half of the universe.

The Las Campanas Observatory is taking shape. Concrete for the 24-inch dome and the Toronto Service Building is being poured this week by the Chilean firm of Mena y Williams. The dome, still in its two crates is already on the mountain. This all means that the David Dunlap Observatory will have a fully operational southern station in the very near future. \*

En route south, Dr. and Mrs. MacRae had stopped at Cape Kennedy to watch the Apollo launching. They spent a week altogether at La Serena and also visited the Observatories at La Silla and Tololo. The next week was spent at Santiago meeting and conferring with the Chilean astronomers at the University. On their way home, Dr. and Mrs. MacRae stopped over at Lima for 3 days for recreation and an enviable coat of tan.

### SEMINARS

February seminars were as announced except that Mrs. Judith Pipher, former astronomy student here and now of Cornell, spoke on Feb. 12 on "Infrared Rocket Astronomy", and that Dr. Narlikar's visit was moved on to March.

### MARCH

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| Tues. 2nd<br>DDO 4 p.m.                  | Dr. John D. Landstreet, U.W.O.,<br>"Magnetism in White Dwarfs".                        |
| Wed. 3rd<br>McLennan<br>Rm 137, 4 p.m.   | Mark Naylor, "Equilibrium Structures of Close<br>Binary Stars"                         |
| Thurs. 4th<br>McLennan<br>Rm 102, 4 p.m. | Dr. Alan Barrett, M.I.T., "Detection of Interstellar<br>Molecules". Joint with Physics |
| Tues. 9th<br>DDO 4 p.m.                  | Dr. W. Sargent, Cal. Tech. "Groups and Clusters of<br>Galaxies".                       |
| Wed. 10th<br>McLennan<br>Rm 137, 4 p.m.  | Dr. Sargent, "Compact Galaxies".   |
| Thurs. 11th<br>McLennan                  | Dr. Sargent, "Are There Young Galaxies".   |
| Wed. 17th<br>McLennan                    | Prof. S.V. Narlikar, Cambridge, - Topic to be<br>announced.                            |
| Tues. 23rd<br>DDO                        | A G2000 talk   |
| Wed. 31st<br>McLennan<br>Rm. 137, 4 p.m. | Dr. M.P. Savedoff, U. of Rochester, "Steady State Mass<br>Flow from Stars".            |

PAPERS SUBMITTED IN FEBRUARY

- Dennis W. Marks and Maurice J. Clement "On the Behaviour of the Angular Velocity Near the Surfaces of Stars with Radiative Envelopes".
- William E. Harris and Maurice J. Clement: "Differential Rotation of Stars on the Upper Main Sequence II"
- J. Percy "A Search for Short-Period Light Variability Among Stars in  $\eta$  and  $\chi$  Persei "
- J. Percy "The Structure and Stability of Model Delta Scuti Stars: The Linear, Quasi-Adiabatic Approach"
- P.P. Kronberg "The Distribution of Linear Polarization in 3C270 & 3C452 at 21 cm Wavelength.
- J. Percy "A Photometric Study of the  $\delta$  Scuti Star HR 2989.
- R. Racine "Photometry of M67 to  $M_V = +12$ "
- R. Racine "The C-M Diagram of M12"
- R. Garrison, Morgan and Hiltner "The HR Diagram of the Alpha Persei Cluster".
- S. van den Bergh "The Post-Eruptive Galaxy M82".

LETTER TO THE EDITOR

Sir:

Have greatly enjoyed, as usual, the last issue of David Dunlap Doings. The notes on changes at Richmond Hill were new to me.

Am I completely confused? Re page 2, line 7, my long training in navigation would suggest that the block Yonge - Bathurst - Carrville Road - Maple Sideroad is west of you, but maybe you have adopted the celestial system where east and west get reversed.

Peter M. Millman

Peter always was a better navigator than I.

Ed.



MISCELLANEOUS

Talks

On January 25th, Dr. Roeder gave the opening lecture in the Workman's Education Association series on "Religion in the Secular Age". His topic was "Cosmology: From Theology to Science".

On Feb. 19 Dennis Marks addressed the Toronto Centre of the RASC on "The Structure and Evolution of the Sun".

M.Sc.'s.

The following 3 students have been recommended to receive the M.Sc. degree, to be awarded officially at the February meeting of Senate:

JEFFREY M. CRELINSTEN - "The Polarization Structure of 3C327 at 610 MHZ".  
(Jeff has left the department).

ALAN W. IRWIN - "Image Tube Photography: Astronomical Applications".  
(Alan is continuing for a Ph.D. here).

BARRY F. MADORE - "Star Counts in Galaxies -M33"  
(Barry is continuing for a Ph.D. here).

SCITEC REP.

Dr. Heard has been appointed as the R.A.S.C.'s representative on SCITEC.

A for Aaboe

The name of Dr. A. Aaboe of Yale came to my attention twice in the past month (an Advisory Editor for the Journal of the History of Astronomy, and gave a talk here on Feb. 1). I commented to my wife that there was one guy who could never be second to anybody. My wife seldom lets one of my generalizations go unchallenged, and she soon appeared with the Toronto phone book. The first name is Carl Aabna!

J.F.H.