



EDITORIAL

ROY K. MARSHALL

On the way home from one of our June Institute days recently I was telling Dr. Fernie about my recollection of Roy K. Marshall. A day or two later Mrs. Lehmann told me that during the week of the June Institute she had answered a call to me from Roy Marshall who is now director of a planetarium in South Carolina.

Roy Marshall is almost exactly my age. I met him first at the Yerkes Observatory in 1934 where we were both Research Fellows, working under the guidance of Otto Struve. Roy had obtained his Ph.D. from Michigan in 1932 and had been a Lecturer at the Adler Planetarium in Chicago for two years. I found him a fascinating personality, particularly for his knowledge of astronomical literature and history and anecdote and for his way of talking about astronomy generally. Struve once told me that he had never known a person with a better knowledge of the astronomical literature.

Marshall left Yerkes in 1935 to join the Harvard Department of Astronomy, but in 1939 he returned to planetarium work and was Director of the Fels Planetarium in Philadelphia from 1939 to 1949. Later he was Director of the Planetarium and Professor of Astronomy at the University of North Carolina. In the early years of television in the U.S. he was a national celebrity for his brilliant popular science programs. At one time during the late 1940's the R.A.S.C. had him to Toronto to give a talk on the cost and value and operation of planetaria, hoping to interest one or more of the rich people we had invited as special guests. Unhappily the rich either didn't come or didn't rise to the bait.

Later Marshall had a private consultant business concerning planetaria. He served the Calgary group during their planning for the Calgary Centennial Planetarium.

The point of this introduction is to draw to the attention of younger astronomers a remarkable series of articles which appeared monthly in "The Sky" and (when it merged with "Telescope") in "Sky and Telescope" from Jan. 1940 to December 1946. These 84 articles were entitled "Astronomical Anecdotes" and were signed R.K.M. They are well worth browsing through on some rainy night, not only for their fascinating content but for

Marshall's beautiful literary style. To quote only a few examples, you will read the story of how Father Rigge (of eclipse fame) was able to free a man accused of a bombing by ascertaining with an accuracy of about half a minute the time of the taking of a group photograph which entered into the testimony; there is also the story of the collapse of the Yerkes rising floor and the dreadful few minutes some weeks later when it appeared to the astronomers that the lens had been cracked in the mishap, and their relief when the "cracks" turned out to be a spider web; and the story of the lens-napper who stole the 13-inch lens of the Allegheny Observatory in 1872, demanding a ransom from Prof. Langley who refused to pay because it would "jeopardize the safety of every large lens in the country."

I don't believe Dr. Marshall has ever collected together his anecdotes into a book. He should.

J.F.H.

OBSERVING

114-inch Telescope

On the night of June 16 three Dunlap telescopes, the 74, the 24 and the 16 were all brought to bear on the same program - Mrs. Hogg's globular clusters. One of the purposes of the performance was to enable Stanley Jeffers to compare the performance of the 24-inch cum-image-tube with the 74-inch sans-image-tube. Stan's exposure times are shorter, the scales are about the same, and he has an idea that the images of both are usually seeing-limited.

COMINGS AND GOINGS

Dr. Clement visited the Department of Astronomy and Astrophysics of the University of Chicago May 28-29 and gave a colloquium on "Differential Rotation in Upper Main Sequence Stars."

Dr. Percy spent the week of June 16 visiting the Department of Astronomy at Yale University.

Dr. van den Bergh drove home from California in time for the June Institute and then returned by air to help the family move back to Richmond Hill. They are now settled again on Sugar Maple Lane.

Dr. Kronberg and Dr. van den Bergh were in Flagstaff on June 20 for a Symposium on the Crab Nebula sponsored by the Astronomical Society of the Pacific.

SEMINARS

June

June countdowns were as announced last month except that on June 18 Iain Baines, Bob Hawkins and Hugh Ross spoke on "A Radio Telescope Design for Pulsar Observations", and that the June 25 Countdown is postponed in favour of a Departmental Colloquium scheduled for Thursday June 26 at 3:30 in Room 1404, McLennan, when Dr. S.P. Maran of the Goddard Space Flight Center, Greenbelt, Md., will give a "Progress Report on Pulsars."

The June Institute went well. Visiting participants numbered 100 from 46 centres in the U.S. and Canada (compared with 53 from 21 centres in 1968). The visiting lecturers were colourful, the contents of their talks exciting, the dinner excellent, Mrs. MacRae's confections at the Observatory delicious, the Alices' and Helen's doughnuts succulent, their coffee aromatic. Drs. Anand and Roeder and all concerned are to be thanked and congratulated for a thoroughly enjoyable and stimulating week.

July

Countdowns are scheduled as follows (note the alternating location):

July 9 D.D.O.	Jack Winzer, Dr. Fernie	"Improved Astronomical Telescope Systems". "Determining the Intrinsic Colour of Cepheids".
July 16 Rm 137, McLennan	Dave Lindop Alan Irwin	"Polarization of Moonlight". "Calculation of the Diffraction Pattern of the Astronomical Objective".
July 23 D.D.O.	John Percy and Chris Coutts	"Period Changes of RR Lyrae Variables in the Globular Cluster, M5".
July 30 Rm 137 McLennan	Jim Clarke Bob Hawkins	"Synchrotron Radiation from Jupiter", "Infrared Astronomy I".

The URSI Minor Conference

A series entitled "Topical Seminars in Radio Astronomy" will be held in the Department on August 15 and 16 just before the XVI URSI General assembly in Ottawa. A program is included with this month's mailing of "The Doings".

Additional Summer Arrivals

Neal Hulkower, a student at Northwestern University, is assisting Dr. Garrison for the summer, mainly on bibliographical work.

Charles Dyer, a new graduate student has reported in.

Alumni Appointments

Dr. Stanley Jeffers (Post-doctoral 1968-69) has been appointed Assistant Professor in the Department of Physics at York University, his reporting date to be September 1.

Dr. Douglas P. Hube (Ph.D. 1968) has been appointed Assistant Professor at the University of Alberta. Doug and Joan and Sharon will be in Toronto area for a few weeks beginning about June before proceeding to Edmonton.

John Rice (M.Sc. 1966) has accepted a Post-doctoral Fellowship at the Dominion Observatory as of September 1 to work with Dr. Gaizauskas in Solar Physics. John is now finishing his Ph.D. thesis at Western.

Dunlap Director Honoured

Dr. MacRae has been elected Chairman of the Council of Institutions of the recently incorporated Universities' Space Research Association which is to operate the Lunar Science Institute at Houston under contract from the National Academy of Science.

Ph.D. Orals

Two students passed their Ph.D. orals recently, Carl Bignell on May 30 and Raymonde Chimonas on June 20.

Dr. Wright Bereaved

The friends of Dr. K.O. Wright, Director of the Dominion Astrophysical Observatory, have been saddened to learn of the death on June 7 of his wife, Margaret, after a long illness. Mrs. Wright was a charming woman whose hospitality has been enjoyed by nearly every astronomical visitor to Victoria. She was a graduate of the University of Toronto and took a prominent part in public service in Victoria, having been at various times President of the Y.W.C.A., of the University Extension Association, of the University Women's Club, of the First United Church Women and residential chairman of the United Appeal. Dr. Wright's friends extend their sympathy to him, to their daughter, Mrs. Nora Osborne of London England, and to Mrs. Wright's mother, Mrs. F.B. Sharp of Victoria.

Moves

The Garrison family moved on June 1 to their new home at 127 Glengrove Ave. in Toronto.

Gretchen Hagen has purchased a house at 277 Emerald Isle Court in Richmond Hill and has moved in.

Miss Northcott's Illness

After seeming to be making a good recovery from an operation on June 3, Miss Northcott suffered a stroke on June 8 and has been confined to the intensive care unit at the Toronto Western Hospital.

Moffatt Dunlap Places in Jumping Event

Moffatt Dunlap, grandson of the Founder, riding his horse Argyll, was tied for second place in the North American Equestrian Grand Prix held at the C.N.E. grounds on June 15.

Volleyball

A volleyball court has been laid out at the east end of the south parking lot. It is entertaining to watch the lunch-hour games and on Saturday evenings to listen to the crunch of fenders as the visitors conscientiously attempt to manoeuver their cars into the curiously placed parking spaces.

Paper Submitted in June

S. van den Bergh

"A Spectroscopic and Photometric Study of the Globular Clusters in the Andromeda Nebula".

Errata

Through carelessness and/or haste an unusual number of errors crept into D.D.D. last month:

For Rosalind Schemilt read Roslyn Shemilt

For B. Benzerckermann read Benjamin Zuckerman

For MacIntyre read McIntyre

For Mrs. Hogg spent two weeks in Dunstable read --- five days ----.