

MONTHLY NOTICES

OF THE

ROYAL ASTRONOMICAL SOCIETY.

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No. 3.

F. W. DYSON, Esq., M.A., LL.D., F.R.S., PRESIDENT, in the Chair.

Allen Abraham, B.A., Professor of Mathematics, Jaffna College, Vaddukkodai, Ceylon ;

Gerald Victor Adendorff, P.O. box 2671, Johannesburg, South Africa ;

David Baxandall, A.R.C.Sc., Science Museum, South Kensington, S.W. ;

Rev. Septimus Buss, LL.B., 82 Caversham Road, Camden Road, N.W. ;

Charles Clifford Conroy, A.M., Sc.D., Professor of Astronomy, Los Angeles College, California, U.S.A., P.O. box 826, Los Angeles ;

Dudley Eglinton, Walmsley Street, Kangaroo Point, Brisbane, Queensland, Australia ;

George James Gibbs, M.Inst.M.E., 7 Lune Street, Preston, and Brownedge, Bamber Bridge, *via* Preston, Lancashire ;

James Martin Hatfield, 1 Palewell Park, East Sheen, S.W. ;

George Hall Hamilton, B.A., Professor of Astronomy and Physics, Bellevue College, Bellevue, Nebraska, U.S.A. ;

Richard Julius Hoffmann, Tower House, Leigham Court Road, Streatham, S.W. ;

Oliver J. Lee, Yerkes Observatory, Williams Bay, Wisconsin, U.S.A. ;

Commander Robert Cumming McFee, R.N.R., 37 St. Vincent Crescent, Glasgow ;

Frederick Poate, Surveyor-General of New South Wales, Sydney, Australia ;

William Herbert Steavenson, Ariel Lodge, Cheltenham; and
Harold Thomson, 37 Larkspur Terrace, Jesmond, Newcastle-
upon-Tyne,

were balloted for and duly elected Fellows of the Society.

The following candidates were proposed for election as Fellows of the Society, the names of the proposers from personal knowledge being appended:—

Rev. W. Phillips, M.A., Presbyterian Minister, Normanhurst, Clement Avenue, Llandudno, North Wales (proposed by Robert Owen); and
John Miles Rogers Todd, Barrister-at-Law, 4 Temple Gardens, Temple, E.C., and The Lodge, Hextable, Kent (proposed by Robert S. Ball).

Eighty-two presents were announced as having been received since the last meeting, including, amongst others:—

A. E. H. Love, *Some Principles of Geodynamics*, Adams Prize Essay, presented by the Author.

Twenty Charts of the Astrographic Chart of the Heavens, presented by the San Fernando Observatory.

Hypothetical Parallaxes of the brighter stars of type A.

By H. C. Plummer, M.A.

1. Some months ago Dr. Campbell very kindly sent me in MS. a list of the radial velocities of a number of the brighter stars of types A and B observed at Mount Hamilton or Santiago under his direction, or collected from other sources. Dr. Campbell has himself made a thorough investigation of the motions of the stars of type B (*L.O.B.*, 195) and a more general study of the stars of all types (*L.O.B.*, 196). From the latter memoir a part of Table VI. may be reproduced here:—

Residual Velocities in terms of Galactic Latitudes.

Class.	$\pm 90^\circ - \pm 60^\circ$		$\pm 60^\circ - \pm 30^\circ$		$\pm 30^\circ - 0^\circ$	
	No.	km.	No.	km.	No.	km.
B	7	5.4	27	5.6	191	7.1
A	18	5.6	61	9.2	98	13.0
A to M	108	12.4	298	14.8	540	15.7