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MINUTES OF MEETINGS OF THE ROYAL SOCIETY.

November 30, 1928.

ANNIVERSARY MEETING.

Sir Ernest RUTHERFORD, O.M., President, in the Chair.

The report of the Auditors of the Treasurer's accounts was read and the thanks of the Society were given to the Treasurer and to the Auditors.

The Lists of Fellows and Foreign Members deceased and of Fellows elected into the Society since the last Anniversary were read.

The Report to the Society from the Council upon the work during the past year was, upon the motion of the President, received.

The President delivered his Anniversary Address. On the motion of Sir Oliver Lodge, seconded by Sir Gilbert Walker, the thanks of the Society were returned to the President for his Address.

The Awards of the Medals for the year were announced as follows, and the Medals were presented from the Chair:

The Copley Medal ............... To Sir Charles Parsons.
The Rumford Medal ............... ,, Prof. F. Paschen.
A Royal Medal ................... ,, Prof. A. S. Eddington.
A Royal Medal ................... ,, Prof. R. Broom.
The Davy Medal ................... ,, Prof. F. G. Donnan.
The Darwin Medal ................. ,, Dr. L. Cockayne.
The Sylvester Medal .............. ,, Prof. W. H. Young.
The Hughes Medal ................. ,, M. le Duc de Broglie.

The President having, with the consent of the Society, nominated Prof. H. C. H. Carpenter and Prof. F. A. Lindemann as Scrutators to examine the balloting lists for the election of Council and Officers, the votes of the Fellows present were taken. The Scrutators reported that the Council and Officers whose names had been read at the preceding meeting had been duly elected, as under:

President.—Sir Ernest Rutherford, O.M., M.A., D.Sc.
Treasurer.—Sir David Prain, C.M.G., C.I.E., M.A., LL.D.
Secretaries.—Sir James Hopwood Jeans, M.A., D.Sc., LL.D.
Dr. Henry Hallett Dale, C.B.E., M.A.
Foreign Secretary.—Sir Henry George Lyons, D.Sc.

Other Members of the Council.—Dr. Francis Arthur Bather, M.A.; Dr. Charles Bolton, C.B.E.; Dr. Claude Gordon Douglas, C.M.G.; Mr. Ralph Howard Fowler, O.B.E., M.A.; Prof. Ernest William
December 6, 1928.

Sir Ernest RUTHERFORD, O.M., President, in the Chair: followed by Sir David PRAIN, Vice-President.

The President announced that he had appointed the following to be Vice-Presidents for the ensuing year:—

Sir Frederick Hopkins.
Sir Henry Lyons.
Sir David Prain.
Prof. C. T. R. Wilson.

The following papers were read:—


II. R. H. Burne, F.R.S. "A System of 'Fine' Vessels associated with the Lymphatics in the Cod (Gadus morhua)."


IV. E. Ponder. "Hæmolysis by Brilliant Green and Serum." Communicated by Sir E. Sharpey Schäfer, F.R.S.


VIII. A. V. Hill, F.R.S. "The Diffusion of Oxygen and Lactic Acid through Tissues."

IX. D. Keilin, F.R.S. "Cytochrome and Respiratory Enzymes."


January 17, 1929.

Sir Ernest Rutherford, O.M., President, in the Chair.

In pursuance of the Statutes, the names of Candidates proposed for election into the Society were read, as follows:

Adam, Niel Kensington.
Allen, Herbert Stanley.
Allmand, Arthur John.
Andrews, Ernest Clayton.
Bailey, Edward Battersby.
Baker, George Stephen.
Beaven, Edwin Sloper.
Blacklock, Donald Breadalbane.
Bolton, Joseph Shaw.
Boswell, Percy George Hamnall.
Brady, Oscar L.
Brooks, Frederick Tom.
Budge, Sir Ernest Alfred Thompson Wallis.
Buller, Arthur Henry Reginald.
Burt, Cyril Ludowiec.
Campbell, James Argyll.
Carter, Frederick William
Chapman, Frederick.

Christopherson, John Brian.
Clark, Alfred Joseph.
Crew, Francis Albert Eley.
Crowther, James Arnold.
Dawson, Harry Medforth.
Dean, Henry Roy.
Denny, Sir Archibald.
Dhar, Nilratan.
Doodson, Arthur Thomas.
Douglas, Henry Percy.
Drysdale, Charles Vickery.
Dudley, Harold Ward.
Eckersley, Thomas Lydwell.
Edgeworth, Francis Henry.
Edwards, Charles Alfred.
Ellis, Charles Drummond.
Eltringham, Harry
Evershed, Sydney.
Fearsides, William George.
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The following papers were read:

I. A. S. Eddington, F.R.S. "The Charge of an Electron."

II. R. H. Fowler, F.R.S. "The Thermionic Emission Constant $A$."


V. H. M. Macdonald, F.R.S. "The Reflexion and Transmission of Electric Waves at the Interface between two Transparent Media."


XVI. J. CHARITON and C. A. LEA. "Some Experiments concerning the Counting of Scintillations produced by Alpha-Particles. Parts I–III." Communicated by J. Chadwick, F.R.S.

January 24, 1929.

Sir Ernest RUTHERFORD, O.M., President, in the Chair.

The following papers were read:


III. W. S. Stiles. "The Effect of Glare on the Brightness Difference Threshold." Communicated by Sir John Parsons, F.R.S.


V. F. W. R. Brambell and G. F. Marrian. "Sex-reversal in a Pigeon" (Columba livia). Communicated by J. P. Hill, F.R.S.


VII. J. B. Gatenby and S. Wigoder. "The Post-Nuclear Body in the Spermatogenesis of Cavia cobaya and other Animals." Communicated by E. S. Goodrich, F.R.S.


IX. A. B. Macallum, F.R.S. "Ionic Mobility as a Factor in influencing the Distribution of Potassium in Living Matter."