

February 22.—M. Ed. Perrier in the chair.—The president announced the death of E. H. Amagat, a member of the academy in the section of physics.—G. Mittag-Leffler: A new theorem in the theory of the series of Dirichlet.—J. Tavani: The integral $\Gamma(\rho)$ and its relations with other definite integrals.—Marcel Baudouin: The discovery and excavation of a menhir found upright and completely buried in a marine alluvium on the coasts of Vendée.—V. Lubimenko: New researches on the pigments of the Chromoleucites.—D. Olaru: The favourable action of manganese on the bacteria of the leguminosæ.—Louis Roule: A new genus of apodal fishes, and some peculiarities of the biology of these creatures.—G. Daumézou: The potato as an agent of dissemination of Friedländer's pneumobacillus in nature, and especially in water.

BOOKS RECEIVED.

Indian Museum. Annual Report, April, 1913, to March, 1914. (Calcutta: Indian Museum.)
 Bulletin de l'Institut Aérodynamique de Koutchino. Fasc. v. Pp. 296. (Moscou: I. N. Kouchnéreff et Cie.)
 Soil Conditions and Plant Growth. By Dr. E. J. Russell. New edition. Pp. viii+190. (London: Longmans and Co.) 5s. net.
 The Carnegie Trust for the Universities of Scotland. Thirteenth Annual Report (for the year 1913-14). Pp. 87. (Edinburgh: T. and A. Constable.)
 Practical Science and Mathematics for the Second Year Preliminary Technical or Industrial Course. By E. J. Edwards and M. J. Tickle. Pp. viii+175. (London: G. Routledge and Sons, Ltd.) 1s. 6d. net.

DIARY OF SOCIETIES.

THURSDAY, MARCH 4.

ROYAL SOCIETY, at 4.30.—A Bolometric Method of Determining the Efficiency of Radiating Bodies: Prof. W. A. Bone, Prof. H. L. Callendar, and H. J. Yates.—The Simplification of the Arithmetical Processes of Involution and Evolution: E. Chappell.—The Elastic Properties of Steel at Moderately High Temperatures: F. E. Rowett.—The Laws of Series Spectra: Prof. J. W. Nicholson.
 ROYAL INSTITUTION, at 3.—Poetry and War: Sir Herbert Warren.
 ROYAL GEOGRAPHICAL SOCIETY, at 5.—Suess's Classification of the Eurasian Mountains: Prof. J. W. Gregory.
 LINNEAN SOCIETY, at 5.—The Lichens of South Lancashire: J. A. Wheldon and W. G. Travis.—The Germination of Marah (*Echinocystis Marah*, Cogn.): A. W. Hill.—New Types of Stem-anatomy in Cycadeoidea, and a well-petrified new Species: Dr. Marie Stopes.—Description of a new Genus and Species of Terrestrial Isopoda from British Guiana: W. E. Collinge.

FRIDAY, MARCH 5.

ROYAL INSTITUTION, at 9.—Mimicry and Butterflies: Prof. E. B. Poulton.
 GEOLOGISTS' ASSOCIATION, at 8.—Geology of the Glasgow District: Prof. J. W. Gregory.

SATURDAY, MARCH 6.

ROYAL INSTITUTION, at 3.—Recent Researches on Atoms and Ions: Sir J. J. Thomson.

MONDAY, MARCH 8.

ROYAL GEOGRAPHICAL SOCIETY, at 8.30.—Our Fisheries and their Geography: Prof. Stanley Gardiner.

TUESDAY, MARCH 9.

ROYAL INSTITUTION, at 3.—Photography in Natural Colours: Prof. W. J. Pope.
 ZOOLOGICAL SOCIETY, at 5.30.
 INSTITUTION OF CIVIL ENGINEERS, at 8.—The Improvement of the River Clyde and Harbour of Glasgow, 1873-1914: Sir Thomas Mason.
 WIRELESS SOCIETY, at 8.—Waves: Dr. J. Erskine-Murray.

WEDNESDAY, MARCH 10.

ROYAL SOCIETY OF ARTS, at 8.—Patent Law Reform and the War: J. W. Gordon.
 GEOLOGICAL SOCIETY, at 8.—The Plants of the Late Glacial Deposits of the Lea Valley: Clement Reid.—The Genus *Lonsdalea* and *Dibunophyllum rugosum* (McCoy); S. Smith.

THURSDAY, MARCH 11.

ROYAL SOCIETY, at 4.30.—*Probable Papers*: Contributions to the Study of the Bionomics and Reproductive Processes of the Foraminifera: E. Heron-Allen.—The Occurrence of an Intracranial Ganglion upon the Oculomotor Nerve in *Scyllium Canicula*, with a suggestion as to its Bearing upon the question of the Segmental Value of certain of the Cranial

Nerves: G. E. Nicholls.—Experiments on the Restoration of Paralysed Muscles by Means of Nerve Anastomosis. Part III. Anastomosis of the Brachial Plexus with a consideration of the Distribution of its Roots: Prof. R. Kennedy.—On the Mechanism of the Cardiac Valves. A Preliminary Communication: A. F. S. Kent.
 INSTITUTION OF ELECTRICAL ENGINEERS, at 8.—Electric Cooking, mainly from the Consumer's Point of View: W. R. Cooper.
 CHILD STUDY SOCIETY, at 6.—*Discussion*: The Care and Development of the Child—during School Age.—Treatment Centres and their Possibilities: Miss Margaret McMillan.—Care Committees: Mrs. Evelyn.

FRIDAY, MARCH 12.

ROYAL INSTITUTION, at 9.—Back to Lister: Sir R. J. Godlee.
 PHYSICAL SOCIETY, at 8.—(1) The Estimation of High Temperatures by the Method of Colour Identity: (2) The Unit of Candle-power in White Light: C. C. Paterson and B. P. Dudding.—The Relative Losses in Dielectrics in Equivalent Electric Fields, Steady and Alternating (R.M.S.): G. L. Addenbrooke.
 MALACOLOGICAL SOCIETY, at 8.—*Helicella crayfordensis*, n.sp. from the Pleistocene deposits of S.E. England: A. S. Kennard and B. B. Woodward.—Further Notes on Radulæ: the Rev. E. W. Bowell.—The Editions of Swainson's "Exotic Conchology": A. Reynell.
 ROYAL ASTRONOMICAL SOCIETY, at 5.

SATURDAY, MARCH 13.

ROYAL INSTITUTION, at 3.—Recent Researches on Atoms and Ions: Sir J. J. Thomson.

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Editorial and Publishing Offices:

MACMILLAN & CO., LTD.,
 ST. MARTIN'S STREET, LONDON, W.C.

Advertisements and business letters to be addressed to the Publishers.

Editorial Communications to the Editor.

Telegraphic Address: PHUSIS, LONDON.

Telephone Number: GERRARD 8830.