

Elgie's Weather Book: For the General Reader. By J. H. Elgie. Pp. xii+251. (London: The Wireless Press, Ltd.) 5s. net.

Structural and Field Geology. By Dr. J. Geikie. Fourth edition. Pp. xxiv+454+lxix plates. (Edinburgh: Oliver and Boyd; London: Gurney and Jackson.) 24s. net.

The Evolution of a Coast-Line: Barrow to Aberystwyth and the Isle of Man, with Notes on Lost Towns, Submarine Discoveries, etc. By W. Ashton. Pp. xvi+302. (London: Edward Stanford, Ltd.) 10s. net.

Allgemeine Erkenntnislehre. By M. Schlick. Pp. x+346. (Berlin: J. Springer.) 18 marks.

Letters of Travel. By Rudyard Kipling. Pp. vi+284. (London: Macmillan and Co., Ltd.) 7s. 6d. net.

The Revels of Orsera: A Mediæval Romance. By Sir Ronald Ross. Pp. vi+393. (London: John Murray.) 7s. net.

The Group Mind. By W. McDougall. Pp. xvi+304. (London: Cambridge University Press.) 21s. net.

Malaria at Home and Abroad. By Dr. S. P. James. Pp. xi+234. (London: John Bale, Ltd.) 25s. net.

The End of the World. By J. McCabe. Pp. vii+267. (London: G. Routledge and Sons, Ltd.) 6s. net.

Pharmacology. By Dr. D. Cow. Pp. viii+132. (London: J. and A. Churchill.) 7s. 6d. net.

Oil-Finding. By E. H. Cunningham Craig. Second edition. Pp. xi+324+xxiii plates. (London: Edward Arnold.) 16s. net.

Forest Management. By Prof. A. B. Recknagel and Prof. J. Bentlev, Jr. Pp. xiii+269+iii plates. (New York: J. Wiley and Sons, Inc.; London: Chapman and Hall, Ltd.) 13s. 6d. net.

Aeronautics. By Prof. E. B. Wilson. Pp. vii+265. (New York: J. Wiley and Sons, Inc.; London: Chapman and Hall, Ltd.) 22s. net.

Diary of Societies.

THURSDAY, JUNE 17.

ROYAL SOCIETY, at 4.30.—Prof. W. Bateson: Genetic Segregation (Croonian Lecture).
 LINNEAN SOCIETY, at 5.—Celebration of the Centenary of Sir Joseph Banks, Bart. (1743-1820).—Dr. B. Daydon Jackson: Banks as a Traveller.—Dr. A. B. Rendle: Banks as a Patron of Science.—J. Britten: Banks as a Botanist.
 ROYAL COLLEGE OF PHYSICIANS OF LONDON, at 5.—Dr. A. F. Hurst: The Psychology of the Special Senses and their Hysterical Disorders (Croonian Lecture).
 ROYAL SOCIETY OF MEDICINE (Dermatology Section), at 5.
 CHEMICAL SOCIETY (at Institution of Mechanical Engineers), at 8.—Prof. J. C. McLennan: Helium.
 HARVEIAN SOCIETY OF LONDON (at Medical Society), at 8.30.—Dr. E. G. Little: Differential Diagnosis of some Common Skin Eruptions.
 SOCIETY OF ANTIQUARIES, at 8.30.

FRIDAY, JUNE 18.

INSTITUTION OF SANITARY ENGINEERS (at Holborn Restaurant), at 11.30 a.m.—The President: The Institution and its Future.—A. J. Martin: Sanitary Socialism. At 2.30.—T. Robertson: Poured Concrete Construction.—G. W. Chilvers: Health, Wealth, and Housing.—A. P. I. Cotterell: A Glimpse at Domestic Engineering in some of the Eastern States of America.
 ROYAL SOCIETY OF ARTS (Indian Section), at 4.30.—Sir Valentine Chirol: The Enduring Power of Hinduism (Sir George Birdwood Memorial Lecture).
 GEOPHYSICAL COMMITTEE (at Royal Astronomical Society), at 5.—Commander H. D. Warburg, Prof. H. Lamb, Dr. J. Proudman, Dr. A. T. Doodson, Major A. J. Wolff, and H. L. P. Jolly: Discussion on Tides.
 SOCIETY OF TROPICAL MEDICINE AND HYGIENE (Annual General Meeting), at 8.30.—Dr. F. H. Stewart: Recent Work on Round-worm Infection.

SATURDAY, JUNE 19.

BRITISH PSYCHOLOGICAL SOCIETY (at University College, Gower Street), at 3.30.—Dr. J. Dreyer: The Emotional Phases of Affective Experience.
 PHYSIOLOGICAL SOCIETY (at Physiological Laboratory, University of London, South Kensington), at 4.30.—G. Aurep and C. Lovatt Evans: The Mode of Action of Vaso-dilator Nerves.—C. Lovatt Evans: The Lactic Acid Content of Plain Muscle.

MONDAY, JUNE 21.

ROYAL GEOGRAPHICAL SOCIETY (at Eolian Hall), at 8.30.—Major L. F. I. Athill: Through South-west Abyssinia to the Nile.

NO. 2642, VOL. 105]

ROYAL INSTITUTE OF BRITISH ARCHITECTS, at 8.30.
 ARISTOTELIAN SOCIETY (at 74 Grosvenor Street), at 8.—Miss Beatrice Edgell: Memory and Conation.

TUESDAY, JUNE 22.

ROYAL COLLEGE OF PHYSICIANS OF LONDON, at 5.—Dr. A. F. Hurst: The Psychology of the Special Senses and their Hysterical Disorders (Croonian Lecture).
 ROYAL AERONAUTICAL SOCIETY (at Central Hall, Westminster), at 8.30.—Comdr. J. C. Hunsaker: Naval Architecture in Aeronautics (Wilbur Wright Lecture).

WEDNESDAY, JUNE 23.

GEOLOGICAL SOCIETY OF LONDON, at 5.30.—O. Holtedahl: The Scandinavian "Mountain Problem."
 INSTITUTION OF ELECTRICAL ENGINEERS (Wireless Section), (at Institution of Mechanical Engineers), at 6.—B. S. Gossling: The Development of Thermionic Valves for Naval Uses.

THURSDAY, JUNE 24.

ROYAL SOCIETY, at 4.30.—Probable Papers.—Sir Ray Lankester: Some Rostro-carinate Flint Implements and Allied Forms.—Lord Rayleigh: A Re-examination of the Light scattered by Gases in respect of Polarisation. I. Experiments on the Common Gases.—A. Mallock: Note on the Influence of Temperature on the Rigidity of Metals.—Drs. E. F. Armstrong and T. P. Hilditch: A Study of Catalytic Actions at Solid Surfaces. V. The Rate of Change conditioned by a Nickel Catalyst and its Bearing on the Law of Mass Action.—Dr. H. Jeffreys: Tidal Friction in Shallow Seas.—Other Papers.
 LINNEAN SOCIETY OF LONDON, at 5.—Dr. C. J. F. Skottsberg: Recent Researches on the Antarctic Flora.—Dr. R. J. Tillyard: The Cawthron Institute, New Zealand, and its Biological Function.
 OIL AND COLOUR CHEMISTS' ASSOCIATION (at Food Reform Club, 2, Fumival Street), at 7.30.—A. E. Bawtill: (1) A Hydrometer for Accurate Determinations of Pastes and Viscous Materials; (2) A Viscosimeter which Combines Increased Efficiency with the Power of Measuring "Stickiness" Independently of Viscosity.

FRIDAY, JUNE 25.

PHYSICAL SOCIETY OF LONDON, at 5.—Dr. J. H. Vincent: The Origin of the Elements.—W. H. Wilson and Miss T. D. Epps: The Construction of Thermo-couples by Electro-deposition.—J. Guild: The Use of Vacuum Arcs for Interferometry.—S. Butterworth: The Maintenance of a Vibrating System by Means of a Triode Valve.

CONTENTS.

	PAGE
University Stipends and Pensions	477
Aerography	479
Paper-making and its Machinery. By R. W. Sindall	480
The Structure of the Nucleus. By R. R. G.	482
Our Bookshelf	483
Letters to the Editor:—	
London University Site and Needs.—Sir E. Sharpey Schafer, F.R.S.	484
High Rates of Ascent of Pilot-Balloons. (<i>With Diagram</i>).—Dr. W. van Bemmelen	485
A New Method for Approximate Evaluation of Definite Integrals between Finite Limits.—Commander Thos. Y. Baker	486
The Royal Military Academy.—J. Young	486
The Separation of the Isotopes of Chlorine.—D. L. Chapman, F.R.S.	487
A Note on Telephotography.—A. B.	488
Recent Researches on Nebulæ. (<i>Illustrated</i>). By Major William J. S. Lockyer	489
The Importance of Meteorology in Gunnery. By Dr. E. M. Wedderburn	492
Obituary:—	
S. Ramanujan, F.R.S.—Prof. G. H. Hardy, F.R.S.	494
Principal Sir John Herkless, D.D., LL.D.	495
Notes	496
Our Astronomical Column:—	
The Masses of the Stars	500
The Planet Jupiter	500
Parallax Work at the Sproul Observatory	500
The Nuclear Constitution of Atoms. By Sir Ernest Rutherford, F.R.S.	500
The Rockefeller Gift to Medical Science. By Prof. W. M. Bayliss, F.R.S.	501
The Permanent Value of University Benefactions	501
The Imperial Entomological Conference. By G. H. C.	502
The Selous Memorial at the Natural History Museum. (<i>Illustrated</i>).	504
University and Educational Intelligence	505
Societies and Academies	506
Books Received	507
Diary of Societies	508