

BOOKS RECEIVED.

The Vaporizing of Paraffin for High-Speed Motors (Electric Ignition Type). By E. Butler. Pp. vi+120. (London: C. Griffin and Co., Ltd.) 3s. 6d. net.

A Text-Book of Histology. By Dr. H. E. Jordan and Dr. J. S. Ferguson. Pp. xxviii+799. (London and New York: D. Appleton and Co.) 15s. net.

Horses. By R. Pocock. With an Introduction by Prof. J. Cossar Ewart. Pp. x+252. (London: John Murray.) 5s. net.

The Land and the Empire. By C. Turnor. Pp. 144. (London: John Murray.) 3s. 6d. net.

Comptes Rendus of Observation and Reasoning. By J. Y. Buchanan. Pp. xl+452. (Cambridge: At the University Press.) 7s. 6d. net.

Explosives. By A. Marshall. Second edition. Two vols. Vol. i., pp. xv+407. (London: J. and A. Churchill.) 3l. 3s. net the two vols.

Laboratory Manual of General Chemistry, with Exercises in the Preparation of Inorganic Substances. By A. B. Lamb. Pp. vi+166. (Cambridge, Mass.: Harvard University Press; London: Oxford University Press.) 6s. net.

German and English Education: a Comparative Study. By Dr. Fr. De Hovre. Pp. 108. (London: Constable and Co., Ltd.) 2s. 6d. net.

The Permanent Values in Education. By K. Richmond. Pp. xxiii+136. (London: Constable and Co., Ltd.) 2s. 6d. net.

DIARY OF SOCIETIES.

THURSDAY, MARCH 1.

ROYAL SOCIETY, at 4.30.—A Graphical Method of Drawing Trajectories for High-Angle Fire: Prof. W. E. Dalby.—Osmotic Pressures Derived from Vapour-Pressure Measurements; Aqueous Solutions of Cane Sugar and Methyl Glucoside: The Earl of Berkeley E. G. J. Hartley, and C. V. Burton.—The Complete Photo-Electric Emission from the Alloy of Sodium and Potassium: W. Wilson.

ROYAL INSTITUTION, at 3.—Memorial Art To-day: Prof. E. S. Prior.

MATHEMATICAL SOCIETY, at 5.30.

CHEMICAL SOCIETY, at 8.—Notes on the Effect of Heat and Oxidation on Linseed Oil: J. A. N. Friend.—Acyl Derivatives of Paradiazoimino-benzene: G. T. Morgan and A. W. H. Upton.

LINNEAN SOCIETY, at 5.—Some Observations on the Feeding Habits of Fish and Birds, with Special Reference to Warning Coloration: J. C. Mottram.—The Heterangiums of the British Coal Measures: Dr. D. H. Scott.

FRIDAY, MARCH 2.

ROYAL INSTITUTION, at 5.30.—Cellulose and Chemical Industry (1866-1916): C. F. Cross.

SATURDAY, MARCH 3.

ROYAL INSTITUTION, at 3.—The Pronunciation of English at the Time of Shakespeare. (Lecture II.): Daniel Jones.

MONDAY, MARCH 5.

ROYAL GEOGRAPHICAL SOCIETY, at 5.30.—Indian Frontier Geography: Col. Sir Francis Younghusband.

ARISTOTELIAN SOCIETY, at 8.—Fact and Truth: Prof. C. Lloyd Morgan.

ROYAL SOCIETY OF ARTS, at 4.30.—Memorials and Monuments: Lawrence Weaver.

SOCIETY OF ENGINEERS, at 5.30.—High Tensile Steel *versus* Mild Steel for Reinforced Concrete: A. W. C. Shelf.

VICTORIA INSTITUTE, at 4.30.—The Conscience: Clement C. L. Webb.

TUESDAY, MARCH 6.

ROYAL INSTITUTION, at 3.—Internal Combustion Engines: Prof. W. E. Dalby.

ZOOLOGICAL SOCIETY, at 5.30.—Work of the Beavers in the Society's Gardens: R. I. Pocock.—The Scolex in the Cestode Genus *Duthiersia*, and the Species of that Genus: Dr. F. E. Beddard.—An Experimental Investigation of the Migration of Woodcock Breeding in the West of Ireland: Capt. S. R. Douglas.

RÖNTGEN SOCIETY, at 8.15.

FARADAY SOCIETY, at 8.—General Discussion: The Training and Work of the Chemical Engineer: Opener, Sir George Beilby.—The Training of the Medical Student for Work in the Factory: Prof. F. G. Donnan.—The Training of the Works Chemist in Physics: C. R. Darling.—A Plea for the Forgotten Factor in Chemical Training: W. R. Cooper.—The Work of the Imperial College in the Training of Chemical Engineers: J. W. Hinchley.

WEDNESDAY, MARCH 7.

ROYAL SOCIETY OF ARTS, at 4.30.—German Business Methods: J. H. Vickery.

ENTOMOLOGICAL SOCIETY, at 8.

SOCIETY OF PUBLIC ANALYSTS, at 8.—The Quantitative Estimation of Mercury in Organic Compounds: J. E. Marsh and O. G. Lye.—The

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Composition of Milk: P. S. Arup, H. C. Huish, and H. Droop Richmond.—(7) Studies in Steam Distillation: Part 4, Propionic, Butyric, Valeric, and Caproic Acids. (2) Studies in Steam Distillation: Part 5. The Analysis of Acetic Anhydride and Alkyl-Malonic Acids: H. Droop Richmond.—Note on Salvarsan and Neo-Salvarsan: J. Webster.

THURSDAY, MARCH 8.

ROYAL SOCIETY, at 4.30.—*Probable Papers*: Some Effects of Growth-promoting Substances (Auximones) on the Growth of *Lemna minor* in Culture Solutions: W. B. Bottomley.—Some Effects of Growth-promoting Substances (Auximones) on the Soil Organisms concerned in the Nitrogen Cycle: Florence A. Mockeridge.

ROYAL INSTITUTION, at 3.—Sponges; a Study in Evolutionary Biology: Prof. A. Dendy.

INSTITUTION OF ELECTRICAL ENGINEERS, at 8.—Voltage Regulation of Rotary Converters: G. A. Juhlin.

FRIDAY, MARCH 9.

ROYAL INSTITUTION, at 5.30.—The Treatment of Wounds in War: Sir Almoth Wright.

MALACOLOGICAL SOCIETY, at 7.—The Genitalia of *Neanthimula aculeata*: Dr. A. E. Roycott.—(1) The Radula of the Genus *Cominella*; (2) A Colony of *Purpura lapillus*, with Operculum Malformed or Absent; (3) Note on the Adventures of the Genus named *Lucena*; (4) Note on the Da Costa Plates adapted for Rackett's Edition of Pulteney's Catalogues: B. B. Woodward.

ROYAL ASTRONOMICAL SOCIETY, at 5.

SATURDAY, MARCH 10.

ROYAL INSTITUTION, at 3.—Imperial Eugenics; Saving the Soldier: Dr. C. W. Saleeby.

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