

BOOKS RECEIVED.

Studies of Inheritance in Guinea-Pigs and Rats. By W. E. Castle and S. Wright. Pp. iv+192+plates 7. (Washington: Carnegie Institution.)

Plant Succession. By Prof. F. E. Clements. Pp. xiii+512. (Washington: Carnegie Institution.)

The Jukes in 1915. By A. H. Easbrook. Pp. vii+85. (Washington: Carnegie Institution.)

American Fossil Cycads. By G. R. Wieland. Vol. ii., Taxonomy. Pp. vii+277. (Washington: Carnegie Institution.)

The Vulgate Version of the Arthurian Romances. Edited from Manuscripts in the British Museum. By H. O. Sommer. Index of Names and Places to vols. i.-vii. Pp. 85. (Washington: Carnegie Institution.)

Fecundity versus Civilization. By A. More. Pp. 52. (London: G. Allen and Unwin, Ltd.) 6d. net.

Air-Screws. By M. A. S. Riach. Pp. viii+128. (London: Crosby Lockwood and Son.) 10s. 6d. net.

Eclipse or Empire? By H. B. Gray and S. Turner. Pp. x+316. (London: Nisbet and Co., Ltd.) 2s. net.

Economics in the Light of War. By Prof. R. A. Lehfeldt. Pp. 56. (Johannesburg: South African School of Mines and Technology; London: W. Wesley and Son.) 1s.

Annals of the South African Museum. Vol. v., part iv. (London: Adlard and Son.) 25s.

Form and Function: a Contribution to the History of Animal Morphology. By E. S. Russell. Pp. ix+383. (London: J. Murray.) 10s. 6d. net.

Annual Report of the Board of Regents of the Smithsonian Institution for the Year ending June 30, 1915. Pp. xii+544. (Washington: Government Printing Office.)

The Indo-Aryan Races: a Study of the Origin of Indo-Aryan People and Institutions. By Ramāprasād Chanda. Part i. Pp. xiii+274. (Rajshahi, Bengal: The Varendra Research Society.)

The Cambridge Pocket Diary, 1916-17. Pp. xv+265. (Cambridge: At the University Press.) 1s. net.

Robert of Chester's Latin Translation of the Algebra of Al-Khowarizma. With an Introduction, Critical Notes, and an English Version, by L. C. Karpinski. Pp. vii+164. (New York: The Macmillan Company; London: Macmillan and Co., Ltd.) 2 dollars.

Memoirs of the Boston Society of Natural History. Vol. viii., No. 2. Monographs on the Natural History of New England:—The Whalebone Whales of New England. By G. M. Allen. Pp. 107-322. (Boston, Mass: The Society.)

The Origin of Finger-Printing. By Sir W. J. Herschel. Pp. 41. (Oxford: At the University Press, H. Milford.) Paper covers, 1s. net.

A Portfolio of Reproductions of Finger Prints. (Oxford: At the University Press, H. Milford.) Not sold.

William Oughtred: a Great Seventeenth-century Teacher of Mathematics. By Prof. F. Cajori. Pp. vi+100. (Chicago and London: Open Court Company.) 4s. net

DIARY OF SOCIETIES.

FRIDAY, OCTOBER 27.

PHYSICAL SOCIETY, at 5.—The Determination of the Saturation Values for Magnetism of Ferromagnetic Metals, Compounds, and Alloys by means of the Kerr Effect: Dr. S. G. Barker.—The Influence of the Time Element on the Resistance of a Solid Rectifying Contact: D. Owen.—Diffusion in Liquids: E. W. Clack.

TUESDAY, OCTOBER 31.

ROYAL ANTHROPOLOGICAL INSTITUTE, at 5.—The Gurkhas and their Country: Aubyn Trevor-Battye.

NO. 2452, VOL. 98]

WEDNESDAY, NOVEMBER 1.

SOCIETY OF PUBLIC ANALYSTS, at 8.—Quantitative Microscopy: T. E. Wallis.—Formula for Converting Zeiss Butyro-Refractometer Readings into Refractive Indices: C. C. Roberts.—Criticism of Vaubel's Bromine Values: Cecil Revis and H. R. Burnett.

ENTOMOLOGICAL SOCIETY, at 8.

THURSDAY, NOVEMBER 2.

ROYAL SOCIETY, at 4.30.—*Probable Papers*: Waves in an Elastic Plate: Prof. H. Lamb.—(1) Multiple Integrals; (2) The Order of Magnitude of the Coefficients of a Fourier Series: Prof. W. H. Young.—A Determination of the Heat of Vaporisation of Water at 100° C. and 1 Atmosphere Pressure in Terms of the Mean Calorie: T. C. Sutton.—The Mechanical Relations of the Energy of Magnisation: G. H. Livens.

MATHEMATICAL SOCIETY, at 5.30.—Annual General Meeting.—Address of Retiring President: The Fourier Harmonic Analysis; its Practical Scope and its Limitations: Sir Joseph Larmor.

CHEMICAL SOCIETY, at 8.—Overvoltage Tables. Part IV. The Theories of Overvoltage and Passivity: E. Newbery.—Studies of the Carbonates. Part II. Hydrolysis of Sodium Carbonate and Bicarbonate, and the Ionisation Constants of Carbonic Acid: C. A. Seyler and P. V. Lloyd.—The Synthesis of Hydroxyquercetin: M. Nierenstein.—(1) The Reaction between Methyl Iodide and some Metallic Cyanides; (2) Some Reactions produced by Mercuric Iodide: E. G. J. Hartley.—The Dual Theory of Acid Catalysis. A Comparison of the Activities of Certain Strong Acids. H. M. Dawson and T. W. Crann.

FRIDAY, NOVEMBER 3.

INSTITUTION OF MECHANICAL ENGINEERS, at 6.—Thomas Hawksley Lecture: The Gas Engineer of the Last Century: H. E. Jones.

SATURDAY, NOVEMBER 4.

GEOLOGISTS' ASSOCIATION, at 3.—Followed by Annual Conversazione.

MONDAY, NOVEMBER 6.

SOCIETY OF ENGINEERS, at 5.30.—Heating and Ventilating Private Dwelling-Houses: C. T. A. Hanssen.

CONTENTS.

PAGE

"Meteoritics"	145
Escape of Electrons from Hot Bodies	146
Physics	147
Birds and the Poet	147
Our Bookshelf	148
Letters to the Editor:—	
Scarcity of Wasps.—Right Hon. Sir Herbert Maxwell, Bart., F.R.S.; Alfred O. Walker; W. F. Denning; Richard F. Burton; S. Priest; C. Carus-Wilson	148
Glacial Nomenclature and Scott's Antarctic Expedition.—Dr. Griffith Taylor; The Reviewer	149
Annealing Glass. (<i>Illustrated</i> .) By Prof. C. V. Boys, F.R.S.	150
University and Higher Technical Instruction in France	151
Public Schools and Others. By W. D. E.	151
Notes	152
Our Astronomical Column:—	
Two Large Fireballs	156
Encke's Comet	156
Internal Motion in Spiral Nebulae	156
The Association of Technical Institutions	156
Recent Work on Tsetse-flies. By G. H. C.	157
Zoology at the British Association. By Dr. J. H. Ashworth	157
Engineering at the British Association	158
The British Association at Newcastle:—	
Section G—Engineering—Opening Address (Abridged) by Gerald Stoney, B.A.I. (Dub.), F.R.S., M.Inst.C.E., President of the Section	159
University and Educational Intelligence	161
Societies and Academies	162
Books Received	164
Diary of Societies	164

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