

Books Received.

Sitzungsberichte der Königl. Bohmischen Gesellschaft der Wissenschaften. Mathematisch-Naturwissenschaftliche Classe. Jahrgang 1915, 1916, 1917. (Prag: Fr. Řivnáč.)

Mémoires de la Societe Royale des Sciences de Bohême. Classe des Sciences. Année 1918: Année 1919. (Prag: Fr. Řivnáč.)

Ladislav Pračka. Untersuchungen über den Lichtwechsel Älterer Veränderlicher Sterne. By Prof. Dr. Vojtěch Šafařík. Vol. ii. Sterne des A.G. Kata-loges von 5° 21' bis 24° A.R. Pp. iii+180. (Prag: Fr. Řivnáč.)

North England: An Economic Geography. By L. Rodwell Jones. Pp. viii+256. (London: G. Routledge and Sons, Ltd.) 6s. net.

Textile Design and Colour: Elementary Weaves and Figured Fabrics. By W. Watson. Second edition. Pp. xi+436. (London: Longmans, Green and Co.) 21s. net.

Ministry of the Interior, Egypt: Department of Public Health. Reports and Notes of the Public Health Laboratories, Cairo: No. 4. Nutritive Value and Characters of Rations Issued to Officials and Others in Different Administrations of the Egyptian Government. Pp. v+57. (Cairo: Government Publications Office.) P.T.20.

The Statesman's Year-Book, 1921. Edited by Sir J. Scott Keltie and Dr. M. Epstein. Fifty-eighth annual publication. Pp. xliv+1544. (London: Macmillan and Co., Ltd.) 20s. net.

The Joy of Mountains. By William Platt. Pp. 80. (London: G. Bell and Sons, Ltd.) 1s. 9d.

Fundamental Principles of Organic Chemistry. By Prof. Charles Moureu. Authorised translation from the sixth French edition by W. T. K. Brauholtz. Pp. xviii+399. (London: G. Bell and Sons, Ltd.) 12s. 6d. net.

The Flora of the Nilgiri and Pulney Hill-Tops. By Prof. P. F. Fyson. Vol. iii. Pp. xviii+581. (Madras: Government Press.) 15.6 rupees.

Forestry Commission. First Annual Report of the Forestry Commissioners: Year ending September 30, 1920. Pp. 60. (London: H.M. Stationery Office.) 9d. net.

Air Ministry: Meteorological Office. British Meteorological and Magnetic Year Book, 1910. Part vi.: Réseau Mondial, 1910. Charts showing the Deviation of the Pressure and Temperature from Normal Values for each Month and for the Year. (London: H.M. Stationery Office.) 8s. 6d. net.

Camping and Woodcraft: A Handbook for Vacation Campers and for Travelers in the Wilderness. By H. Kephart. New edition (two volumes in one). Pp. 405+479. (New York: The Macmillan Co.; London: Macmillan and Co., Ltd.) 16s. net.

The Electric Furnace. By Dr. J. N. Pring. (Monographs on Industrial Chemistry.) Pp. xii+485+xix. (London: Longmans, Green and Co.) 32s. net.

Principles of Radio-Communication. By Prof. J. H. Morecraft. Pp. x+935. (New York: J. Wiley and Sons, Inc.; London: Chapman and Hall, Ltd.) 45s. net.

The Silviculture of Indian Trees. By Prof. R. S. Troup. Vol. i.: Dilleniaceæ to Leguminosæ (Papilionaceæ). Pp. lviii+336+iii. Vol. ii.: Leguminosæ (Cæsalpinieæ) to Verbenaceæ. Pp. xi+337-783+iv. Vol. iii.: Lauraceæ to Coniferæ. Pp. xii+785-1195. (Oxford: Clarendon Press.) 3 vols., 5l. 5s. net.

The Development of the Atomic Theory. By A. N. Meldrum. Pp. ii+13. (London: Oxford University Press.) 1s. 6d. net.

Brown Bast: An Investigation into its Causes and Methods of Treatment. By A. R. Sanderson and H. Sutcliffe. Pp. 71+26 plates. (London: Rubber Growers' Association, Inc.) 7s. 6d. net.

Growth in Trees. By W. T. MacDougal. Pp. 41. (Washington: Carnegie Institution.)

The Microscopist's Vade-Mecum: A Handbook of the Methods of Microscopic Anatomy. By A. B. Lees. Eighth edition, edited by Dr. J. B. Gatenby. Pp. x+594. (London: J. and A. Churchill.) 28s. net.

A Practical Handbook of British Birds. Part xi. Pp. 177-256. (London: H. F. and G. Witherby.) 4s. 6d. net.

Berichte der Naturforschenden Gesellschaft zu Freiburg i Br. Dreizehnter Band, Erstes Heft: Erschienen zur Feier des 100 Jährigen Bestehens der Gesellschaft. (Freiburg i Br.: Speyer und Kaerner.)

Insect Pests of Farm, Garden, and Orchard. By E. Dwight Sanderson. Second edition, revised and enlarged by Prof. L. M. Peairs. Pp. vi+707. (New York: J. Wiley and Sons, Inc.; London: Chapman and Hall, Ltd.) 26s. net.

ERRATUM.—The publishers of G. Spiller's "A New System of Scientific Procedure," included in last week's list, are Messrs. Watts and Co., and not Messrs. Chatto and Windus as stated.

CONTENTS.

	PAGE
British Dyes and Dyestuffs	673
A War Memorial	675
The New Medicine	676
Non-Ferrous Metallurgy. By E. C.	677
The Confidences of Men of Science. By The Professor of Biology	677
Our Bookshelf	678
Letters to the Editor: —	
Biological Terminology.—Sir G. Archdale Reid, K.B.E.	680
Solar Eclipse Results and the Principle of Relativity.—C. E. Stromeyer; Sir F. W. Dyson, F.R.S.	682
The Atomic Radius and the Ionisation Potential.—Prof. Megh Nad Saha	682
American and British Superannuation Systems.—Dr. John W. Evans, F.R.S.; W. Palin Elderton	683
A Novel Magneto-Optical Effect.—Prof. J. W. McBain	683
Science and Civilisation.—J. Henderson Smith and Major A. G. Church	684
Bees and Scarlet-Runner Beans.—Harford J. Lowe	684
A New Theorem on the Double Pendulum.—H. S. Rowell	684
Ochreous Flint Artefacts from Sheringham.—J. Reid Moir	684
The Drought and Underground Water.—Bernard Hobson	684
The Application of Interference Methods to Astronomy. (Illustrated.) By H. Spencer Jones	685
The Paris Conference of the Museums Association	688
Congress on the History of Medicine	690
Notes	691
Our Astronomical Column: —	
The August Meteors	694
Search for Meteors from the Pons-Winnecke Radiant	694
Statistics of Proper Motions	694
The Universities and Technological Education. By Prof. A. Smithells, F.R.S.	695
New Apparatus for Showing the Tracks of α-, β-, and X-rays. (Illustrated)	697
Scientific and other Aspects of Beer	698
The Ancient and Modern Inhabitants of Malta	699
The Rothamsted Experimental Station	699
Universities and Educational Intelligence	700
Calendar of Scientific Pioneers	701
Societies and Academies	702
Books Received	704