

ancient sastras.—N. A. Yajnik and H. C. Mahajan: Hydrolysis of some Indian oils by vegetable lipase. The following oils were tried: (1) Linseed oil, (2) soapnut oil (from the seeds of *Sapindus trifoliatus*), (3) sukh-chain oil (from the seeds of *Pongamia glabra*), (4) neem oil (from the seeds of *Melia azadirachta*), and (5) sesamum oil. Of these sukh-chain oil and soapnut oil were not pressed so far from their seeds, but were specially extracted for the purpose of investigation, and they were found to be of particular interest on account of the extent to which they can easily be hydrolysed.

### Books Received.

Air Ministry: Meteorological Office. Professional Notes No. 18. Lizard Balloons for Signalling the Ratio of Pressure to Temperature. By L. F. Richardson. (M.O. 240h.) Pp. 73-93. (London: H.M. Stationery Office.) 1s. net.

Memoirs of the Geological Survey: England and Wales. A Short Account of the Geology of the Isle of Wight. By H. J. Osborne White. Pp. v+219. (London: E. Stanford, Ltd.; Southampton: Ordnance Survey Office.) 10s. net.

Die Prinzipien der Physikalischen Optik. By Ernst Mach. Pp. x+444. (Leipzig: J. A. Barth.) 48 marks.

An Elementary Handbook of Commercial Geography. By J. W. T. Harris. Pp. 32. (Edinburgh: W. and A. K. Johnston, Ltd.; London: Macmillan and Co., Ltd.) 10d.

A Treatise on the Integral Calculus, with Applications, Examples, and Problems. By J. Edwards. Vol. i. Pp. xxi+907. (London: Macmillan and Co., Ltd.) 50s. net.

Optical Theories. Based on Lectures delivered before the Calcutta University by Prof. D. N. Mallik. Second edition, revised. Pp. vii+202. (Cambridge: At the University Press.) 16s. net.

Bureau of Education, India. Indian Education in 1919-20. Pp. iii+89+18 plates. (Calcutta: Government Printing Office.) 2.2 rupees.

Icones Plantarum Formosanarum. By Bunzō Hayata. Vol. x. Pp. iv+335. (Taihoku: Bureau of Productive Industries.)

New Alt-Azimuth Tables, 65° N. to 65° S. Pp. xvii+154. (Tokyo: Hydrographic Department.)

Mécanismes Communs aux Phénomènes Disparates. By Prof. M. Petrovitch. (Nouvelle Collection scientifique.) Pp. v+279. (Paris: F. Alcan.) 8 francs.

Botanical Memoirs. No. 4: Elementary Notes on Structural Botany. By A. H. Church. Pp. 27. 2s. net. No. 5: Elementary Notes on the Reproduction of Angiosperms. By A. H. Church. Pp. 24. 2s. net. No. 6: On the Interpretation of Phenomena of Phyllotaxis. By A. H. Church. Pp. 58+xvi plates. 3s. 6d. net. No. 7: Elementary Notes on the Morphology of Fungi. By A. H. Church. Pp. 29. 2s. net. No. 8: Elementary Notes on Conifers. By A. H. Church. Pp. 32. 2s. net. No. 9: Form Factors in Coniferæ. By A. H. Church. Pp. 28. 2s. net. (London: Oxford University Press.)

Field Mapping for the Oil Geologist. By C. A. Warner. Pp. x+145. (New York: J. Wiley and Sons, Inc.; London: Chapman and Hall, Ltd.) 13s. 6d. net.

Elements of Engineering Geology. By Prof. H. Ries and Prof. T. L. Watson. Pp. v+365. (New

York: J. Wiley and Sons, Inc.; London: Chapman and Hall, Ltd.) 22s. net.

Lichens. By A. L. Smith. (Cambridge Botanical Handbooks.) Pp. xxviii+464. (Cambridge: At the University Press.) 55s. net.

The Theory of the Induction Coil. By Prof. E. Taylor-Jones. Pp. xi+217. (London: Sir I. Pitman and Sons, Ltd.) 12s. 6d. net.

A New System of Scientific Procedure: Being an Attempt to Ascertain, Develop, and Systematise the General Methods Employed in Modern Enquiries at their Best. By G. Spiller. Pp. ix+441. (London: Chatto and Windus.) 10s. 6d. net.

### Diary of Societies.

THURSDAY, JULY 21.

INCORPORATED MUNICIPAL ELECTRICAL ASSOCIATION (at Institution of Electrical Engineers), at 10 a.m.—D. Wilson: Steam Raising: Yesterday, To-Day, and To-Morrow.—W. H. Miles: Modern Boiler House Practice.—At 2.30.—E. Cross: Present-Day and Commercial Problems in Electricity Supply.

FRIDAY, JULY 22.

INCORPORATED MUNICIPAL ELECTRICAL ASSOCIATION (at Institution of Electrical Engineers), at 10.15 a.m.—Annual General Meeting.

MONDAY, JULY 25.

ROYAL SOCIETY OF MEDICINE, at 5.30.—Dr. M. Diamond: Some New Phases of Old Problems in Dental Reconstruction.

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