

Trade Journalists, and the British Association of Trade and Technical Journalists paid a visit to these cities on October 8-10. At Leeds University the visitors were received by the Vice-Chancellor, Dr. M. E. Sadler, who gave an inspiring address descriptive of the University's work and its close associations with local industries. The departments visited included those dealing with organic and tinctorial chemistry, leather manufacture, textile work, gas and fuel. The members of the party were then the guests of the Leeds Luncheon Club, after which the Leeds Army Clothing Depot, the works of Messrs. Albrecht and Albrecht (khaki garment manufacturers), and the Cardigan Boot Factory were inspected, these industries being selected in view of their close connection with the work of the University. Finally, the visitors were the guests of the Lord Mayor for tea. At Sheffield the Vice-Chancellor, Dr. H. A. L. Fisher, also addressed the visitors, who were conducted over the chemical and medical departments, while Prof. Ripper gave an account of the many special interesting researches undertaken on metallurgy and the testing of steel. The factories visited included the armament works of Messrs. John Brown and Co., where the party was invited to lunch by the Master Cutler, and the shell factory of Messrs. Thos. Firth and Sons. A feature in the arrangements at both cities was the co-operation of journalists representing the local papers, and the visits furnish an interesting illustration of the growing desire for closer relations between the universities and the Press. The visitors were much struck by the pride taken by Leeds and Sheffield in their universities, and the general recognition among local manufacturers of the value of the work that is being done there.

BOOKS RECEIVED.

The Loose Leaf Laboratory Manual. Electrical Measurements and Testing Direct and Alternating Current. By C. L. Dawes. (New York: J. Wiley and Sons, Inc.) 3s. net.

Lectures on Ten British Mathematicians of the Nineteenth Century. By A. Macfarlane. Pp. 148. (New York: J. Wiley and Sons, Inc.; London: Chapman and Hall, Ltd.) 5s. 6d. net.

Engineering Applications of Higher Mathematics. By V. Karapetoff. Part ii., pp. v+103. Part iii., pp. v+113. Part iv., pp. v+81. Part v., pp. vii+65. (New York: J. Wiley and Sons, Inc.; London: Chapman and Hall, Ltd.) 3s. net each.

The Psychology of the Organized Group Game, with Special Reference to its Place in the Play System and its Educational Value. By M. J. Reaney. Pp. 76. (Cambridge: At the University Press.) 5s. net.

A History of British Mammals. By G. E. H. Barrett-Hamilton and M. A. C. Hinton. Part xix. (London: Gurney and Jackson.) 2s. 6d. net.

A Critical Revision of the Genus *Eucalyptus*. By J. H. Maiden. Vol. iii., part 7. (Sydney: W. A. Gullick.) 2s. 6d.

The Essentials of Chemical Physiology. By Prof. W. D. Halliburton. Ninth edition. Pp. xi+324. (London: Longmans and Co.) 6s. net.

The Rt. Hon. Sir Henry Enfield Roscoe, a Biographical Sketch. By Sir E. Thorpe. Pp. viii+208. (London: Longmans and Co.) 7s. 6d. net.

La Chimie des Éléments Radioactifs. By Prof. F. Soddy. Translated by E. Philippi. Pp. 173. (Paris: Gauthier-Villars et Cie.) 5 francs.

Aérodynamique. By N. Joukowski. Translated by S. Drzewiecki. Pp. xviii+227. (Paris: Gauthier-Villars et Cie.) 11 francs.

Notions Générales sur les Appareils à Reaction. By

P. Popovatz. Pp. 35. (Paris: Gauthier-Villars et Cie.)

Report of the Director-General of Public Health, New South Wales, for the Year ended December 31, 1914. Pp. v+206. (Sydney: W. A. Gullick.) 7s.

Carnegie Endowment for International Peace. Year Book for 1916. Pp. xvii+204. (Washington, D.C.)

The Geology of Ben Nevis and Glen Coe, and the Surrounding Country. By E. B. Bailey and others. Pp. x+247. (Edinburgh: H.M.S.O.; London: E. Stanford, Ltd., and others.) 7s. 6d.

The Technical Chemists' Handbook. By Prof. G. Lunge. Second edition. Pp. xvi+264. (London: Gurney and Jackson.) 10s. 6d. net.

DIARY OF SOCIETIES.

THURSDAY, OCTOBER 12.

CHILD STUDY SOCIETY, at 6.—The French Child at School: Clouesley Brereton.

TUESDAY, OCTOBER 17.

INSTITUTION OF PETROLEUM TECHNOLOGISTS, at 8.—The Norfolk Oil shales: W. Forbes-Leslie.

WEDNESDAY, OCTOBER 18.

ROYAL MICROSCOPICAL SOCIETY, at 8.—Certain Parasites of the Mouth in Cases of Pyorrhœa: Dr. H. Pixell Goodrich and M. Moseley.

ENTOMOLOGICAL SOCIETY, at 8.—Parthenogenesis in Stick-Insects: H. Ling Roth.—Diptera from the Falkland Islands: C. G. Lamb.

FRIDAY, OCTOBER 20.

INSTITUTION OF MECHANICAL ENGINEERS, at 6.—Trials on a Diesel Engine, and Application of Energy Diagram to obtain Heat Balance: The late Lieut. Trevor Wilkins; presented by Prof. Burstall.

CONTENTS.

PAGE

British Forestry	105
Chemical Water Purification. By Denison B. Byles	105
Theory and Experiment. By G. A. S.	106
Systematic Zoology. By F. F.	107
Our Bookshelf	108
Letters to the Editor:—	
Science in Education.—F.R.S.; F.B.A.	108
Pre-Boulder Clay Man.—J. Reid Moir	109
Variable Stars.—R. M. Deeley	109
Scarcity of Wasps.—H. V. Davis	109
Capt. Keith Lucas, F.R.S. By Prof. J. N. Langley, F.R.S.	109
Sir Aurel Stein's Third Journey in Central Asia. (Illustrated.)	110
Notes	112
Our Astronomical Column:—	
Fireball of October 3	116
Mercury Visible Before Sunrise	116
The Distribution of B Stars	116
The Spectroscopic Binary χ Aurigæ	116
A New Astronomical Journal	116
Geological Work in the United States. (Illustrated.)	
By G. A. J. C.	117
The Zoological Survey of India	119
Genetic Studies in Plants	119
Mathematics and Physics at the British Association	120
The British Association at Newcastle:—	
Section D—Zoology—Abstract of the Opening Address by Prof. E. W. MacBride, M.A., D.Sc., F.R.S., President of the Section	120
University and Educational Intelligence	123
Books Received	124
Diary of Societies	124

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