

on April 26, 27, 28, and May 2, and of Schaumasse's comet on April 27, 28, and May 2.—**MM. Garvin and Portevin**: Experimental study of the cooling of various metals by water. A description of experiments on the determination of the cooling curves of metals and alloys suddenly immersed in cold water.—**J. de Lap-parent**: The breccias of the Cretaceous age in the neighbourhood of Hendaye.—**L. Bordas**: Some points on the anatomy of *Tortrix viridana*.—**E. Sollaud**: The post-cephalic appendages of the Branchiopods and their morphological signification.—**A. Frouin and R. Grégoire**: The action of metallic tin and oxide of tin in staphylococcus infections. Tin can be absorbed by the digestive apparatus from metallic tin and from oxide of tin without poisonous effects. The therapeutic value in experimental staphylococcus infections was proved.—**R. Wurtz and R. Van Mallegheem**: Grave attacks in the so-called benign tertiary fever.

### BOOKS RECEIVED.

The Advanced Atlas of Physical and Political Geography. By Dr. J. G. Bartholomew. Pp. 96+general index, pp. 31. (Oxford: University Press.) 8s. 6d. net.

Annual Chemical Directory of the United States. Edited by B. F. Lovelace. Pp. 305. (Baltimore: Williams and Wilkins Co.) 5 dollars.

Treatise on Hydraulics. By M. Merriman. Tenth edition. Revised, with the assistance of T. Merriman. Pp. x+565 (New York: J. Wiley and Sons, Inc.; London: Chapman and Hall, Ltd.) 18s. 6d. net.

A Treatise on the Analytical Dynamics of Particles and Rigid Bodies, with an Introduction to the Problem of Three Bodies. By Prof. E. T. Whittaker. Second edition. Pp. xii+432. (Cambridge: At the University Press.) 15s. net.

British Forestry, Past and Present. By Prof. W. Somerville. Pp. 19. (Oxford: University Press.) 6d. net.

Radiodynamics: the Wireless Control of Torpedoes and other Mechanisms. By B. F. Miessner. Pp. v+206. (London: Crosby Lockwood and Son.) 9s. net.

Experimental Building Science. By J. L. Manson. Vol. i. Pp. vii+210. (Cambridge: At the University Press.) 6s. net.

Refractory Materials. Pp. 189. (London: The Faraday Society.) 12s. 6d. net.

Advanced Text-Book of Magnetism and Electricity. By R. W. Hutchinson. Two vols. Vol. i., pp. vii+372+xii. Vol. ii., pp. vi+468+xii. (London: University Tutorial Press, Ltd.) Two vols., 8s. 6d.

The Causes of Tuberculosis: together with Some Account of the Prevalence and Distribution of the Disease. By Dr. L. Cobbett. Pp. xvi+707. (Cambridge: At the University Press.) 21s. net.

Reports of the Progress of Applied Chemistry. Issued by the Society of Chemical Industry. Vol. i., 1916. Pp. 335. (London: Harrison and Sons.)

Magnetism and Matter. By Kôtarô Honda. Pp. 320+4+3. (Tokyo: Syôkwabo.)

One Hundred Points in Food Economy. By J. G. Ramsay. Unpagged. (London: G. Bell and Sons, Ltd.) 1s. net.

### DIARY OF SOCIETIES.

THURSDAY, MAY 31.

ROYAL INSTITUTION, at 3.—The Art of the Essayist: A. C. Benson.

FRIDAY, JUNE 1.

ROYAL INSTITUTION, at 5.30.—The Brontës; A Hundred Years After: J. H. Ballour Browne.

GEOLOGISTS' ASSOCIATION, at 7.30.—The Post-Pliocene Non-Marine Mollusca of Ireland: A. S. Kennard and B. B. Woodward.

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SATURDAY, JUNE 2.

ROYAL INSTITUTION, at 3.—The Electrical Properties of Gases: Sir J. J. Thomson.

MONDAY, JUNE 4.

ROYAL GEOGRAPHICAL SOCIETY, at 8.30.—British Honduras: Brigadier-General Sir Eric Swayne.

VICTORIA INSTITUTE, at 4.30.—Some of the Relations between Science and Religion as affected by the Work of the last Fifty Years: The Very Rev. H. Wace.

TUESDAY, JUNE 5.

ROYAL INSTITUTION, at 3.—The Flow of Ice and of Rock: Prof. W. W. Watts.

ROYAL ANTHROPOLOGICAL INSTITUTE, at 5.—Links of North and South: Prof. W. M. F. Petrie.

ZOOLOGICAL SOCIETY, at 5.30.—Exhibition on behalf of Messrs. Rowland Ward of Two Zebra-skins showing Abnormal Pattern: R. I. Pocock.—The Poultry Exhibition: D. Seth-Smith.

RÖNTGEN SOCIETY, at 8.15.—Annual General Meeting.—Resumed Discussion: The Future of the British X-Ray Industry: Captain R. Knox.

WEDNESDAY, JUNE 6.

GEOLOGICAL SOCIETY, at 5.30.—The Geology of the Old Radnor District, with special reference to Algal Development in the Woolhope Rocks: Prof. E. J. Garwood and Miss E. Goodyear.—A Contribution to Jurassic Chronology: S. S. Buckman.

SOCIETY OF PUBLIC ANALYSTS, at 8.—Some Experiences in the Use of Copper Sulphate in the Destruction of Algae: G. Embrey.—(1) A Combined Reichert-Polenske and Modified Shrewsbury Knapp Process; (2) The Differentiation between Coconut and Palm Kernel Oils in Mixtures: G. D. Eisdon.—Orange Pip Oil: Dorothy G. Hewer.—The Estimation of Theobromine: Norah Elliott and G. Brewer.—Rapid Estimation of the Strength of Sulphuric Acid: H. D. Richmond and J. E. Merreywether. ENTOMOLOGICAL SOCIETY, at 8.

THURSDAY, JUNE 7.

ROYAL INSTITUTION, at 3.—The Art of the Biographer: A. C. Benson.

FRIDAY, JUNE 8.

ROYAL INSTITUTION, at 5.30.—Industrial Applications of Electrons: Sir J. J. Thomson.

ROYAL ASTRONOMICAL SOCIETY, at 5.

SATURDAY, JUNE 9.

ROYAL INSTITUTION, at 3.—The Electrical Properties of Gases: Sir J. J. Thomson.

ARISTOTELIAN SOCIETY, at 8.—(At Cambridge.)—The Conception of a Cosmos: Prof. J. S. MacKenzie.

SUNDAY, JUNE 10.

ARISTOTELIAN SOCIETY, at 8.—(At Cambridge.)—Symposium: Are the Materials of Sense Affections of the Mind?: Dr. G. E. Moore, W. E. Johnson, Prof. G. Dawes Hicks, Prof. J. A. Smith, and Prof. James Ward.

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Editorial and Publishing Offices:

MACMILLAN AND CO., LTD.,  
ST. MARTIN'S STREET, LONDON, W.C. 2

Advertisements and business letters to be addressed to the Publishers.

Editorial Communications to the Editor.

Telegraphic Address: PHUSIS, LONDON.

Telephone Number: GERRARD 8830.