

## CALCUTTA.

**Asiatic Society of Bengal**, July 2.—F. F. Laidlaw: Note on the dragonflies of Syria and the Jordan Valley. The dragonflies of Syria and the Jordan Valley are still imperfectly known, but at least two geographical elements may be distinguished among them—a Mediterranean element, and a tropical one, African in its main features, but also showing certain affinities with the Oriental fauna.—Dr. N. Annandale and S. W. Kemp: The Crustacea Decapoda of the Lake of Tiberias. Three species of Decapoda are known from the Lake of Tiberias and its immediate vicinity, viz. the crab *Potamon potamios*, and the prawns *Atyaephyra desmarestii* and *Typhlocaris galilea*. The last occurs only in one small isolated pool, and is remarkable on account of its degenerate eyes and uniform white coloration, as well as for certain structural characters which separate it from all other Caridea.

## BOOKS RECEIVED.

Bacon's New Contour Map of the Near and Middle East (The Land of the Five Seas). (London: G. W. Bacon and Co., Ltd.) 7s. 6d.

Der Stoffwechsel der Pflanzen. By O. Stocker. Pp. iii+60. (Leipzig and Berlin: B. G. Teubner.) 2 marks.

Expedition Antarctic Belge. Resultats du Voyage s.y. *Belgica* en 1897-8-9. Rapports Scientifiques. Zoologie. Tuniciers, Caducichordata (ascidiacées et Thaliacées). By E. van Beneden and M. de Selys-Longchamps. Pp. 119+xvii plates. Geologie. Petrographische Untersuchungen der Gesteinsproben. By D. Sistik. II. Teil. Pp. 20+plate. (Anvers: J. E. Buschmann.)

The Journal of the Institute of Metals. Vol. ix. Pp. ix+333. (London: Institute of Metals, Caxton House.) 21s. net.

The Journal of the Municipal School of Technology, Manchester. Vol. vi. Pp. 277. (Manchester: Municipal School of Technology.)

The Princeton Colloquium. Lectures on Mathematics delivered September 15 to 17, 1909 before Members of the American Mathematical Society, in connection with the Summer Meeting held at Princeton University, Princeton, N.J. By G. A. Bliss and E. Kasner. Pp. v+107+ii+117. (New York: American Mathematical Society.)

Library Cataloguing. By J. H. Quinn. Pp. viii+256. (London: Truslove and Hanson, Ltd.)

The Under Dog. Edited by S. Trist. Pp. xv+203+v. (London: *The Animals' Guardian*.) 3s. 6d.

The Proceedings of the Optical Convention, 1912 held at South Kensington, June 19 to 26, 1912. Vol. ii. Pp. vii+359. (London: University of London Press; Hodder and Stoughton.) 10s. net.

Ce que j'ai vu chez les Bêtes. By P. Noël. Pp. 343. (Paris: A. Colin.) 3.50 francs.

An Introduction to the Mathematical Theory of Attraction. By Dr. F. A. Tarleton. Vol. ii. Pp. xi+207. (London: Longmans and Co.) 6s.

Industrial Poisoning from Fumes, Gases, and Poisons of Manufacturing Processes. By Dr. J. Rambousek. Translated and edited by Dr. T. M. Legge. Pp. xiv+360. (London: E. Arnold.) 12s. 6d. net.

The Mineral Kingdom. By Dr. R. Brauns. Translated, with additions, by L. J. Spencer. Parts 23, 24, 25. (Esslingen a.N.: J. F. Schreiber; London: Williams and Norgate.) 2s. net per part.

An Account of the Crustacea of Norway. By G. O.

NO. 2282, VOL. 91]

Sars. Vol. vi., Copepoda, Cyclopoida. Parts i. and ii. Pp. 32+xvi plates. (Bergen: Bergen Museum.)

A Manual of School Hygiene. By Prof. E. W. Hope, E. A. Browne, and Prof. C. S. Sherrington. New edition. Pp. xii+311. (Cambridge University Press.) 4s. 6d.

Evolution by Co-operation. By H. Reinheimer. Pp. xiii+200 (London: Kegan Paul and Co., Ltd.) 3s. 6d. net.

Hull Museum Publications. No. 94. A List of the Seventeenth-Century Tokens of Yorkshire. By T. Sheppard. Pp. 27-59. (Hull: The Museum.) 1d.

Plant Life. By Prof. J. B. Farmer. Pp. viii+255. (London: Williams and Norgate.) 1s. net.

Toadstools and Mushrooms of the Countryside. By E. Step. Pp. xvi+143+plates. (London: Hutchinson and Co.) 5s. net.

## CONTENTS.

PAGE

Cambridge in the Nineteenth Century . . . . .	525
The Fleur-de-Lys . . . . .	528
The Chemistry of Fats and Allied Substances. By C. S. . . . .	528
Our Bookshelf . . . . .	529
Letters to the Editor:—	
"Cheiropleuria bicuspis" (Bl.) Pr.—Prof. F. O. Bower, F.R.S. . . . .	530
Cupriferous Sandstones at Exmouth.—Cecil Carus-Wilson . . . . .	530
A Fresh Feature of the Large Larch Saw-fly Outbreak in the Lake District.—J. Mangan . . . . .	531
Mackerel and Calanus.—G. E. Bullen . . . . .	531
The Future of Oil Fuel . . . . .	531
Is Cancer Infective? By Dr. E. F. Bashford . . . . .	532
Planktology on the Pacific Coast. By W. A. H. . . . .	533
Prof. Francis Gotch, F.R.S. By Prof. J. S. Macdonald . . . . .	534
Notes . . . . .	535
Our Astronomical Column:—	
Periodic Spectrum of $\alpha$ Canum Venaticorum . . . . .	539
Stars Having Peculiar Spectra . . . . .	539
The Origin of the Planets . . . . .	539
The Hull Meeting of the Museums Association . . . . .	539
The Electric Furnace Spectrum of Iron . . . . .	541
Antarctic Lichens. By F. C. . . . .	541
Applications of Polarised Light. ( <i>Illustrated</i> .) By Dr. T. M. Lowry . . . . .	542
University and Educational Intelligence . . . . .	546
Societies and Academies . . . . .	547
Books Received . . . . .	550

Editorial and Publishing Offices:

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

Advertisements and business letters to be addressed to the Publishers.

Editorial Communications to the Editor.

Telegraphic Address: PHUSIS, LONDON.

Telephone Number: GERRARD 8830.