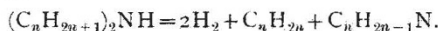


DUBLIN.

Royal Irish Academy, June 10.—Prof. G. H. Carpenter, vice-president, in the chair.—I. A. Stephenson: Certain Actiniaria collected in Irish waters during the years 1899-1914. The paper dealt with part of the collections of sea-anemones made by the scientific staff of the Irish Fisheries Branch. Twenty-one species are enumerated, mostly from deep water off the west coast of Ireland. Of these seven have not previously been described, viz. *Actinostola atrostoma*, *Cymbactis gossei*, *Actinernus aurelia*, *Chondractis coccinea*, *C. pulchra*, *C. duplicata*, and *Carligenia desiderata*. The last species is the type of a very interesting new genus, related to Halcurias, McMurrich.

PARIS.

Academy of Sciences, June 17.—M. Léon Guignard in the chair.—J. Boussinesq: Uniformity of flow in hour-glasses. The amount passed appears to be independent of the height of the sand.—G. Neumann was elected a correspondant for the section of rural economy in succession to the late M. Heckel, and A. J. Ameere a correspondant for the section of anatomy and zoology in succession to the late Prof. Yung.—H. Villat: Certain singular Fredholm equations of the first species.—P. E. B. Jourdain: Demonstration of a theorem of ensembles.—E. Cahen: The series of Dirichlet.—M. Poincet: Theoretical and experimental study of steam turbines.—C. Flammarion: Observations of the new star in Aquila.—M. Luizet: First observations of the new star. The nova was seen on June 8 at 8.41 G.M.T. Measures of magnitude are given to June 14.—R. Griveau: The heat of formation of the anhydrous calcium borates.—A. Mailhe: The direct transformation of the secondary and tertiary amines into nitriles. In a preceding communication it has been shown that it is possible to transform di-isoamylamine and tri-isoamylamine into isoamyl nitrile by passing the vapours over finely divided nickel at 350° to 380° C. The generality of the method is now proved by the preparation of the corresponding nitriles from dicaproylamine, tricaproylamine, diamylamine, triamylamine, bibutylamine, tributylamine, dipropylamine, and tripropylamine. The general reaction is



—J. Martinet: The isatines which contain a quinoline nucleus.—M. François: A method for the estimation of the halogens, sulphur, and nitrogen in presence of mercury. The mercury is removed as metal by the action of zinc, and the above-mentioned elements are then determined in the usual manner.—L. Gentil: The existence of large "nappes de recouvrement" in the province of Cadiz, Spain.—H. Coupin: The harmful action of magnesium carbonate on plants. The harmful action of magnesium carbonate was proved for eight species of plants.—F. Maignon: Comparative study of the toxicity and nutritive power of food proteins employed in a pure state. Experiments on white rats with diets of either white of egg, fibrin, casein, or meat-powder. For the three last foods the cause of death was exhaustion of the reserves, and not chronic intoxication. The toxic action of albumen has been described in an earlier paper.

BOOKS RECEIVED

The Action of Muscles, including Muscle Rest and Muscle Re-education. By Dr. W. C. Mackenzie. Pp. xvi+267. (London: H. K. Lewis and Co., Ltd.)

Peru-Bolivia Boundary Commission, 1911-13. Reports of the British Officers of the Peruvian Commission, Diplomatic Memoranda, and Maps of the

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Boundary Zone. Edited for the Government of Peru by the Royal Geographical Society of London. Pp. xi+242. (London: Cambridge University Press-Printers.)

British Museum (Natural History). A Map showing the known Distribution in England and Wales of the Anopheline Mosquitoes, with Explanatory Text and Notes. By W. D. Lang. Pp. 63. (London: British Museum (Natural History), and others.) 2s. 6d.

The Statesman's Year-Book, 1918. Edited by Sir J. Scott Keltie, assisted by Dr. M. Epstein. Pp. xlviii+1488. (London: Macmillan and Co., Ltd. 18s. net.

Memoir of John Michell, M.A., B.D., F.R.S. By Sir A. Geikie. Pp. 108. (Cambridge: At the University Press.)

DIARY OF SOCIETIES.

FRIDAY, JULY 5.

ARISTOTELIAN SOCIETY, at 9.—Space—Time: Prof. S. Alexander.

SATURDAY, JULY 6.

ARISTOTELIAN SOCIETY, at 10 a.m.—Symposium: Are Physical, Biological, and Psychological Categories Irreducible? Dr. J. S. Haldane, Prof. D. Argy W. Thompson, Dr. P. Chalmers Mitchell, and Prof. L. T. Hobhouse.—At 2.30.—Symposium: Why is the "Unconscious" Unconscious? Dr. E. Jones, Dr. W. H. R. Rivers, and Dr. M. Nicoll.

SUNDAY, JULY 7.

ARISTOTELIAN SOCIETY, at 2.30.—Symposium: Do Finite Individuals Possess a Substantive or an Adjectival Mode of Being? Dr. B. Bosanquet, Prof. A. S. Pringle-Pattison, Prof. G. F. Stout, and Lord Haldane.

MONDAY, JULY 8.

ARISTOTELIAN SOCIETY, at 2.30.—Special Problems.—At 8.—The Philosophy of Proclus: Prof. A. E. Taylor.

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