

UNIVERSITY AND EDUCATIONAL INTELLIGENCE.

In spite of the war, changes have been carried through with the object of placing higher technical education in Holland on a university basis. About twenty years ago the engineering and technological college at Delft became a technical university; later, a commercial high school was started at Rotterdam. Now the Minister of Agriculture has brought about the reorganisation of the veterinary college at Utrecht and the agricultural college at Wageningen; both these have recently been converted into institutions of university rank. It was at the Utrecht veterinary school that van't Hoff taught chemistry and physics from 1875 to 1877, before his appointment to a professorship at Amsterdam.

SOCIETIES AND ACADEMIES.

LONDON.

Zoological Society, April 9.—Dr. A. Smith Woodward, vice-president, in the chair.—Miss J. Proctor: The variation of the pit-viper, *Lachesis atrox*. The paper dealt with the variation of the principal characters of the Central and South American pit-viper, *Lachesis atrox*, L., of which the author regarded *L. lanceolatus*, Lacép., as a synonym, and *L. affinis*, Gray, *jararaca*, Wied, and *jararacussu*, Lacerda, as varieties. The author laid special stress on the different patterns of markings, discussing their evolution and regarding that shown by the more northern form, *L. affinis*, as the most primitive, from which all others could be derived.

Mathematical Society, April 18.—Prof. E. W. Hobson, vice-president, in the chair.—P. A. MacMahon: The attraction of a circular disc.—H. Hilton: *n*-Poled cassinoids.

BOOKS RECEIVED.

Malaria in Macedonia: Clinical and Hæmatological Features and Principles of Treatment. By P. Abrami, G. Paiseau, and H. Lemaire. Translated by Dr. J. D. Rolleston. Pp. xxx+115. (London: University of London Press, Ltd.) 6s. net.

The Science and Practice of Photography. By Dr. J. R. Roebuck. Pp. xiv+298. (New York: D. Appleton and Co.) 2 dollars net.

Medical Contributions to the Study of Evolution. By Dr. J. G. Adami. Pp. xviii+372. (London: Duckworth and Co.) 18s. net.

A Text-book of Mycology and Plant Pathology. By Prot. J. W. Harshberger. Pp. xiii+779. (London: J. and A. Churchill.) 15s. net.

A Treatise on the Principles and Practice of Harbour Engineering. By Dr. Brysson Cunningham. Second edition. Pp. xvi+377. (London: C. Griffin and Co., Ltd.) 25s. net

DIARY OF SOCIETIES.

THURSDAY, APRIL 25.

ROYAL SOCIETY, at 4.30.—Bakerian Lecture: Experiments on the Production of Diamond: Sir Charles Parsons.

INSTITUTION OF ELECTRICAL ENGINEERS, at 6.—Large Batteries for Power Purposes: E. C. McKinnon.

FRIDAY, APRIL 26.

ROYAL INSTITUTION, at 5.30.—Food Production and English Land: Sir A. Daniel Hall.

PHYSICAL SOCIETY, at 5.—Notes on the Pulfrich Refractometer: J. Guild.—The Accuracy attainable with Critical Angle Refractometers: F. Simeon.—Cohesion: Dr. H. Chatley.

SATURDAY, APRIL 27.

ROYAL INSTITUTION, at 3.—Modern Investigation of the Sun's Surface: Prof. H. F. Newall.

MONDAY, APRIL 29.

ARISTOTELIAN SOCIETY, at 8.—The Conception of Social Orders: Prof. H. J. W. Hetherington.

TUESDAY, APRIL 30.

ROYAL INSTITUTION, at 3.—Cave-hunters: Prof. A. Keith.

ROYAL SOCIETY OF ARTS, at 4.30.—British Guiana: Sir Walter Egerton.

WEDNESDAY, MAY 1.

ROYAL SOCIETY OF ARTS, at 4.30.—Sugar from several Points of View: G. Martineau.

ENTOMOLOGICAL SOCIETY, at 8.

GEOLOGICAL SOCIETY, at 5.30.—The Relationship between Geological Structure and Magnetic Disturbance, with Special Reference to Leicestershire and to the Concealed Coalfield of Nottinghamshire: Dr. A. Hubert Cox.

SOCIETY OF PUBLIC ANALYSTS, at 5.—Factors Affecting the Composition of Plant Ashes, with Special Reference to Tobacco: O. D. Roberts.—The Effect of Codeine in Hindering the Precipitation of Morphine by Ammonia from a Solution of its Lime Compound: H. E. Annett and H. Singh.—Analysis of "Cocoa Teas": J. L. Baker and H. F. E. Hulton.

THURSDAY, MAY.

ROYAL SOCIETY, at 4.30.—Froble Papers: Nerve and Cells in the Dental Pulp: Dr. J. H. Mummery.—The Nature of Growths in Colloidal Silica Solutions: H. Onslow.

ROYAL SOCIETY OF ARTS, at 4.30.—The Freedom of the Seas: Gerard Finnes.

LINNEAN SOCIETY, at 5.—A New Fresh-water Shrimp (*Caridina*) from Fiji: G. M. Thomson.—(1) *Bennettites scottii*, sp. nov., a European Petrification with Foliage; (2) A Survey of the Biological Aspect of the Constitution of Coal: Dr. Marie Stopes.

FRIDAY, MAY 3.

ROYAL INSTITUTION, at 5.30.—The Spinning Top in Harness: Sir G. Greenhill.

INSTITUTION OF MECHANICAL ENGINEERS, at 6.—Employment of Women in Munition Factories: Miss O. E. Monkhouse (*Discussion*).

SATURDAY, MAY 4.

ROYAL INSTITUTION, at 3.—Modern Investigation of the Sun's Surface: Prof. H. F. Newall.

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