

not hydrolysed at the ordinary temperature; whilst with saccharose and raffinose the lævulose is completely split off after sufficient time at the ordinary temperature or after one hour at 98° C.—L. **Cayeux**: The secondary quartz and the rhombohedral quartz in the iron minerals of the Longwy-Briey basin.—R. **Abrard**: The existence of the Aalenian stage in the massif of Zerhoun and at Djebel Tselfat (Western Morocco).—P. **Russo**: The alluvial terraces of Oumer Rbia (Western Morocco).—L. **Daniel**: Antagonistic reactions and the rôle of the pad in grafted plants.—A. **Guilliermond**: The structure of the plant-cell. Reply to a recent communication of M. Dangeard.—M. **Dangeard**: Reply to the preceding note.—E. **Licent**: The use of mixtures of formal and chromium compounds as fixing agents. Three formulæ are given for fixing reagents containing formal, chromic acid, and acetic acid in different proportions. Although the use in the same liquid of a powerful oxidising agent and a reducing substance would appear to be irrational, long experience has shown that such mixtures give excellent results.—E. **Roubaud**: The use of trioxymethylene in powder for the destruction of the larvæ of mosquitoes. Trioxymethylene exerts a specific toxic action on these larvæ, and has advantages over petroleum and other reagents in use. Detailed instructions for the best application of the trioxymethylene are given.—J. **Nageotte**: The toxicity of certain dead heterogeneous grafts.—A. **Goris**: The chemical composition of the tubercle bacillus. A new substance has been obtained from tubercle bacilli by extraction with chloroform and subsequent purification by precipitation from chloroform solution with ether, the fats remaining in solution in the ether and the new substance, named hyalinol, being precipitated. Seven grams were obtained from 1500 grams of the bacilli. An analysis and some reactions of the hyalinol are given.—R. **Ducloux**: The formation of asporogenic races of *Bacillus anthracis*. The attenuation of its virulence.—MM. A. **Trillat** and **Mallein**: Experiments on the transmission of an infectious disease in animals by the intermediary of air. Influence of the temperature.—MM. A. **Mayer**, **Guleysse**, **Plantefol**, and **Fauré-Fremiet**: Pulmonary lesions determined by blistering compounds. Studies on the pulmonary lesions caused by the inhalation of vaporised or pulverised dichloroethyl sulphide on the dog, rabbit, and guinea-pig.

Books Received.

Techno-Chemical Receipt Book. Compiled and edited by W. T. Brant and Dr. W. H. Wahl. Pp. xxxiii+516. (London: Hodder and Stoughton, Ltd.) 15s. net.

Psychoneuroses of War and Peace. By Dr. M. Culpin. Pp. vii+127. (Cambridge: At the University Press.) 10s. net.

Reports of the Department of Conservation and Development, State of New Jersey. Annual Report for the Year ending June 30, 1919. Pp. 115. (Trenton, N.J.)

The Science Reports of the Tôhoku Imperial University. 1st Series. (Mathematics, Physics, Chemistry.) Vol. ix., No. 2, April. (Tokyo: Maruzen Co., Ltd.)

Meddelanden från Lunds Astronomiska Observatorium. Serie ii., Nr. 22: A Study of the Stars of Spectral Type A. By H. G. Malmquist. Pp. 69. (Lund.)

The Journal of the Royal Agricultural Society of England. Vol. lxxx. Practice with Science. Pp. viii+438+cli. (London: J. Murray.) 10s.

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Diary of Societies.

THURSDAY, JULY 8.

ROYAL SOCIETY OF MEDICINE (Obstetrics and Gynæcology Section), at 8.—G. Ley: The Pathology of Accidental Hæmorrhage.

FRIDAY, JULY 9

WEST LONDON MEDICO-CHIRURGICAL SOCIETY (at the West London Hospital), at 5.—Annual General Meeting.

SATURDAY, JULY 10.

PHYSIOLOGICAL SOCIETY (at Physiological Laboratory, University, Oxford), at 4.—J. B. Leathes and H. C. Broadhurst: Excretion of Phosphate.—J. Barcroft and F. J. Roughton: Diffusion Co-efficient of Lung.—S. P. L. Sørensen and E. J. Cohn: Solubility of Globulin.—A. Krogh: Reaction of Blood Vessels to Local Stimuli.

TUESDAY, JULY 13.

SOCIETY FOR THE STUDY OF INEBRIETY (at the Medical Society of London), at 4.—A. Evans and Others: Discussion on Alcohol and Alcoholism in relation to Venereal Disease.

WEDNESDAY, JULY 14.

INSTITUTION OF PETROLEUM TECHNOLOGISTS (in Canada Building, Crystal Palace), at 6.—H. Barringer: Oil Storage, Transport, and Distribution (Free Public Lecture).

THURSDAY, JULY 15.

ROYAL SOCIETY OF MEDICINE (Dermatology Section), at 5. RÖNTGEN SOCIETY (at University College), at 9.—Dr. W. D. Coolidge: Address (Special Open Meeting).

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