

T. CHECINSKI: Thermal dissociation of silver nitrite. Dissociation of silver nitrite can be represented by the equation $2\text{AgNO}_2 \rightleftharpoons \text{Ag} + \text{AgNO}_3 + \text{NO}$. The constants of the Nernst equation have been determined. M. BLUMENTHAL and T. CHECINSKI: Kinetics of the thermal dissociation of silver nitrite. A. SKAPSKI: Enunciation of the law of mass action in systems of one or several phases, especially from the point of view of the equilibrium of reactions in metallurgy. M. HLASKO and A. SALIT: Measurement of the electrolytic conductivity of extremely dilute solutions. Measurements can be carried out by the authors' method at dilutions down to 10^{-7} normal. The values thus directly obtained differ only by 0.1–0.2 per cent from the values obtained by Kohlrausch's extrapolation formula. The apparatus used in such measurements must be constructed entirely of quartz. K. DZIEWONSKI, K. BERNAKIEWICZ and W. MALICKI: The reactions of thiourea with the arylalkylketones. M. KSLAZKIEWICZ: The zone of the external Carpathian klippe in the neighbourhood of Andrychow. (3) The stratigraphy of the klippe and their position in the tectonic of the western Carpathians. T. WISNIEWSKI: *Hydrilla verticillata* of the lacustral region of Suwalki (northern Poland). T. WISNIEWSKI and MLE. L. GOETZEN: The structure of the lamellae of the leaves in European species of the genus *Polytrichum*. B. PAWLOWSKI: The final climax association of the Alpine stage of the Tatras. ST. MARKOWSKI: The influence of changes of the medium on the development of the eggs of *Bothriocephalus scorpii*. M. RAMULT: The embryonic and larval development of the crustacean *Sacculina* in media of different osmotic conditions. K. PASSOWICZ: Researches on the behaviour of the daphnid *Daphnia pulex*, Geer, in liquids of different hydrogen ion concentration.

May 6. K. DZIEWONSKI and L. STERNBACH: New studies on the reactions of benzoyl chloride on the aromatic amines and on their products, compounds derived from quinazoline. J. NOWAK: Origin of the flint in the Pleistocene of Volhynie. M. KAMENSKI: Remarks on the Trojaga andesites. W. FRIEDBERG: *Turritella scalaria* and some remarks on gasteropods with unfolded testa. W. SZAFER and BR. JARON: A lake of Pleistocene age in the neighbourhood of Jaslo. MLE. A. KOZLOWSKA: Characteristics of the forest associations of the mountainous region of the Cieszyn district. ST. JASNOWSKI: Inheritance of some characters of the ear of wheat. F. GORSKI: Gaseous exchanges in some submerged aquatic plants in the course of assimilation. Study of the gaseous exchanges of *Elodea canadensis*. About 30 per cent of the oxygen escapes as bubbles, the remainder dissolving in the water. The bubbles contain 50–60 per cent of nitrogen and about 1.5 per cent of carbon dioxide. MLE. IRÈNE REJMENT: Contributions to the knowledge of the Hepatic flora in the sub-Carpathian region near Cieszyn. JAN TRELA: The interglacial period at Samostrzelniki near Grodno from the point of view of the results of pollen analysis. J. ZACWILICHOWSKI: The innervation of the hooking organs in *Argulus foliaceus*. F. ROGOZINSKI and ZB. GLOWCZYNSKI: (1) The nutritive value of Canary grass seed (*Phalaris canariensis*). (2) Irradiation and growth. With animals submitted to a complete and well-balanced food regime, irradiation by ultra-violet light has no influence on growth, but if the diet is defective, the light exerts a very marked favourable effect. MME. B. KONOPACKA: Histochemical researches on the development of fish. Vitellogenesis in the gudgeon and carp.

Forthcoming Events

[Meetings marked with an asterisk are open to the public.]

Sunday, July 28

BRITISH MUSEUM (NATURAL HISTORY), at 3 and 4.30.—Miss M. H. Smith: "Plants".

THIRD INTERNATIONAL CONGRESS OF SOIL SCIENCE, July 30–August 7, to be held at Oxford. Sir John Russell: President.

Official Publications Received

Great Britain and Ireland

The North of Scotland College of Agriculture. Guide to Experiments and Demonstration Plots at Craibstone, 1935. Pp. xii+77. Bulletin No. 40: The Management of Temporary Pasture. By W. M. Findlay. Pp. 8. (Aberdeen: North of Scotland College of Agriculture.)
Experimental Researches and Reports published by the Department of Glass Technology, The University, Sheffield. Vol. 17, 1934. Pp. iv+384+7 plates. (Sheffield: The University.) 7s. 6d.
Rothamsted Conferences. 19: The Production of Pigs for Bacon; being the Report of a Conference held at Rothamsted on March 6th, 1935, under the Chairmanship of John A. Fox. Contributions by J. B. Busby, J. Hammond, A. E. Law, H. R. Davidson, and others. Pp. 28. (Harpenden: Rothamsted Experimental Station.) 1s. 6d.
Second Greenwich Catalogue of Stars for 1925.0. (In 2 Parts.) Fundamental Stars and Stars in the Zone +32°-0 to +64°-0 from Observations with the Transit Circle made at the Royal Observatory, Greenwich, 1922–1930, under the direction of Sir Frank Dyson. Pp. xxii+257. (London: H.M. Stationery Office.) 17s. 6d. net.

Other Countries

Spisy vydávané Přírodovědeckou Fakultou, Masarykovy University (Publications de la Faculté des Sciences de l'Université Masaryk.)
Čís. 197: O difuzních potenciálech, 2 (On the Diffusion Potentials, Part 2). Napsal V. Čupr. Pp. 14. Čís. 198: Výklad vzniku netlumených kmitů mechanických (Über die Erregung von ungedämpften mechanischen Schwingungen). Napsal Josef Zahradníček. Pp. 18. Čís. 199: O některých nových nebo kritických rostlinách na slovensku a podkarpatské rusi (Plantae slovakiae et rossiae subcarpathicae novae vel criticae). Napsal Vlad. Krist. Pp. 16. Čís. 200: Hydrolysa Benzen-sulfononů hlinitých (Hydrolysis of the Aluminium Benzenesulfonates). Napsali V. Čupr a B. Slíva. Pp. 13. Čís. 201: Příspevky k mineralogii země moravskoslezské (Beiträge zur Mineralogie Mährens und Schlesiens). Napsal Jaroslav Kokta. Pp. 16. Čís. 202: Nové názory na stratigrafiu křídly podještědské a podkrkonošské (Neue Ansichten über die Stratigraphie der Kreide am Fusse des Jeschken- und Riesengebirges). Napsal Břetislav Zahálka. Pp. 23. Čís. 203: Roční změny v působení oceánity na podnebí Československa (Parcours annuel de l'océanité climatérique en Tchécoslovaquie). Napsal Bohuslav Hrudíčka. Pp. 15. Čís. 204: Regular Growth of Orthoclase and Quartz from Striegau in Prussian Silesia (Zákonný srůst orthoklasu a křemence od Striegau v Pruském Slezsku). By Miss B. Bobková. Pp. 18. Čís. 205: Sur une surface du sixième degré (O jistě ploše šestého stupně). Par Ladislav Seifert. Pp. 19. (Brno: A. Píša.)
Biologické spisy Vysoké školy Zvěrolékařské, Brno (Publications biologiques de l'École des Hautes études vétérinaires.) Svazek 13, Spis 176–185. Pp. iii+166. (Brno: A. Píša.) 50 Kč.
Sborník vysoké školy Zemědělské v Brně (Bulletin de l'Institut National agronomique). Sign. C29: Individuální nepřetržitě máčení zrna pšeničného a kukuričného v destilované vodě a jejich fyziální změny. Napsali Prof. Dr. O. Kopecký a V. Almindinger. Pp. 52. Sign. C30: Vliv pineální žlázy na vývoj druhotných znaků pohlavních (Influence de la glande pinéale sur le développement des caractères sexuels secondaires). Napsal Dr. Jan Zahálka. Pp. 31+4 plates. (Brno: A. Píša.)
Zprávy komise na Přírodovědecký výzkum Moravy a Slezska. Oddělení geologické, Č. 12: Dodatky ke geologické mapě okolí otomouckého (speciální mapa č. 4158) a poznámky k některým listům sousedním (č. 4059, 4159, 4258, 4259). Napsal M. Remec. Pp. 28. Oddělení zoologické, Č. 21: Kuklice (Tachinidae) Pavlovských kopců (Tachinaires des collines "Pavlovské kopce"). Napsal Dim. Jacentkovský. Pp. 13. (Brno: A. Píša.)
Department of Public Instruction: Technical Education Branch, New South Wales. Technological Museum: Curator's Annual Report for Year ended 31st December 1934. Pp. 8. (Sydney: Government Printer.)

Catalogues

The Wild-Barfield Heat-Treatment Journal. Vol. 1, No. 5, June. Pp. 55-68+iv+4 plates. (London: Wild-Barfield Electric Furnaces, Ltd.)
Chemical Pumps: Rotary Oil Air Pumps for use in Chemical, Bacteriological and Pharmacological Laboratories. (Prospectus No. 780a.) Pp. 6. (London: W. Edwards and Co.)
Cambridge Microtomes. (Folder No. 49.) Pp. 6. (London: Cambridge Instrument Co., Ltd.)
A Catalogue of Important Books on Botany from the Libraries of the late Lord Battersea, Miss Ellen Willmott, and other Recent Purchases. (No. 509.) Pp. 40. (London: Bernard Quaritch, Ltd.)