

The structure of the zoospore. ETIENNE SERGENT : The preparation of an active serum against scorpion poison. W. KOPACZEWSKI : The lactogelification of the seric proteins in cancer.

Moscow

Academy of Sciences (C.R., 1, No. 1; 1936). F. GANTMACHER : Non-symmetrical nuclei of Kellogg. V. KUPRADZE : Dispersion of electromagnetic waves in a non-homogeneous medium. I. I. ISLAMOV and J. M. TOLMACHEV : Colour of corundum. G. M. KOVALENKO : Resistance of gaseous mixtures to electric penetration. N. A. SHISHAKOV : Anomalous structures of fine crystalline silica. K. S. TOPCHJEV : Action of carbon disulphide on methyl-pyridonimmin. N. TUDOROVSKAJA : Some peculiarities in the variations in the refraction index of glass at temperatures below 300° C. V. I. BODYLEVSKIJ : Concerning traces of the Upper Volga stage in the west Siberian plains. G. C. LAEMMLEIN : The sequence of the deposition of silicates from magma and their crystal grid energies. D. KOSTOFF : Studies on polypliod plants. (11) Amphidiploid *Triticum timopheevi*, Zhuk. × *Triticum monococcum*, L. M. L. KARP : Number and distribution of genes in the third chromosome of *Drosophila melanogaster*, affecting the number of sternal bristles. N. P. KALABUCHOV and L. B. LEVINSON : Effect of low temperature upon trypanosomes (*Trypanosoma equiperdum*) in mammals (see NATURE, Oct. 5, 1935, p. 553). A. N. SVETOVIDOV : A new herring from the Caspian Sea, *Caspialosa caspia salina* subsp.n.

ROME

Royal National Academy of the Lincei (*Atti*, 22, 181-273) G. SCORZA : Varieties of Veronese. L. PUCCIANI : Electrical and magnetic inductivity in relation to the new electrical metrology. L. PUCCIANI : General considerations on magnetic moment and magnetic poles, intensity of magnetisation and susceptibility, and on the corresponding measurements in a system with four fundamental units. G. A. MAGGI and B. FINZI : A question relating to electro-magnetic harmonic waves. G. PALOZZI : Projective linear element and projective applicability of new lattices of ordinary space. S. CHERUBINO : Series of powers of one variable in one algebra. T. BOGGIO : Some systems of differential equations. B. HOSTINSKÝ : Integration of linear substitutions. A. TERRACINI : Projective deformability of rectilinear congruences. G. MARLETTA : Observations on differential projective geometry. G. ASCOLI : Asymptotic behaviour of integrals of linear differential equations of the second order. L. SONA : Translatory current which attacks a bilateral lamina (2). M. PASTORI : Problem of Clebsch (2). Application to coupled tensors. L. ALLEGRETTI : Measurements of anomalous dispersion of the first doublets of Sr⁺ and of Ba⁺. The ratio of the anomalous dispersion coefficients N_1/N_2 for the first doublet of the principal series of Sr⁺ and of Ba⁺ has the values 2.07 and 2.16, respectively. D. GHIRON : Borovanadates. The existence of two series of borovanadates $2Me^+O$, V_2O_5 , $3B_2O_3$ and Me^+O , V_2O_5 , B_2O_3 has been shown. M. FRERI : Anomalous action of nitrous acid on hydrazides of organic acids. The action of nitrous acid on the hydrazide of citraconic acid is described. L. PERETTI : Outcrop of pre-Triassic gneiss near Acqui. V. PUNTONI : *Proteomyces infestans*, Moses and Vianna, and its relation to the genus *Trichosporon* (Behrend, 1890).

Forthcoming Events

Monday, April 27

ROYAL GEOGRAPHICAL SOCIETY, at 5.30.—Lieut.-Colonel D. L. R. Lorimer : "Life in Hunza" (film).

ENGINEERS' GERMAN CIRCLE, at 6.—(at the Institution of Mechanical Engineers, Storey's Gate, Westminster, S.W.1).—E. Kurzel-Runtscheiner : "Das Technische Museum in Wien".

Tuesday, April 28

ROYAL SOCIETY OF ARTS, at 4.30.—Sir Louis Souchon : "Mauritius".

INSTITUTE OF PATHOLOGY AND RESEARCH, ST. MARY'S HOSPITAL, LONDON, at 5.—Sir Joseph Barcroft, F.R.S. : "The Genesis of Respiratory Movements in the Foetal Sheep".

INSTITUTION OF CIVIL ENGINEERS, at 6.—E. J. Buckton and H. J. Fereday : "Demolition of Waterloo Bridge".

Friday, May 1

INSTITUTION OF ELECTRICAL ENGINEERS (METER AND INSTRUMENT SECTION MEETINGS), at 7.—Clifford C. Paterson : "Uniformity as the Gauge of Quality".

ROYAL INSTITUTION, at 9.—Major W. S. Tucker : "Direction Finding by Sound".

Official Publications Received

Great Britain and Ireland

Researches published from the Wards and Laboratories of the London Hospital during 1935. 23 papers. (London : H. K. Lewis and Co., Ltd.) 7s. 6d. net. [263]

The Work of the Heterogeneity of Steel Ingots Committee. Joint Committee of the Iron and Steel Institute and the British Iron and Steel Federation reporting to the Iron and Steel Industrial Research Council. Being a Review of the Work to date (December 31, 1935) compiled at the request of the Committee by Dr. W. H. Hatfield. (Special Report No. 12.) Pp. iv+43. (London : Iron and Steel Institute.) [263]

Report of the Rugby School Natural History Society for the Year 1935. Pp. 52. (Rugby : George Over, Ltd.) [273]

Sea-Fish Commission for the United Kingdom. Second Report: The White Fish Industry. (Cmd. 5130.) Pp. 113. (London : H.M. Stationery Office.) 2s. net. [273]

Other Countries

Cornell University : Agricultural Experiment Station. Bulletin 637 : Soils of Orleans County, New York, in their relation to Orchard Planting. By A. T. Sweet. Pp. 32. Bulletin 638 : Ten-Year Report of Studies in Child Development and Parent Education. By Ethel B. Waring. Pp. 69. Bulletin 639 : Soil, Field-Crop, Pasture and Vegetable-Crop Management for Delaware County, New York. Part 1 : Soils and Field Crops, by A. F. Gustafson ; Part 2 : Pastures, by D. B. Johnstone-Wallace ; Part 3 : Vegetable Crops, by F. O. Underwood ; Part 4 : Soil Map and Soil-Type Descriptions, by C. S. Pearson, F. B. Howe and A. F. Gustafson. Pp. 88. Memoir 181 : Intercellular Humidity in relation to Fire-Blight Susceptibility in Apple and Pear. By Luther Shaw. Pp. 40. Memoir 182 : Wholesale Prices in Cincinnati and New York. By H. E. White. Pp. 42. (Ithaca, N.Y. : Cornell University.) [14]

Proceedings of the American Academy of Arts and Sciences. Vol. 7, No. 7 : Compressibilities and Electrical Resistance under Pressure, with Special Reference to Intermetallic Compounds. By P. W. Bridgman. Pp. 285-318. 75 cents. Vol. 70, No. 8 : The Specific Volume of Steam in the Saturated and Superheated Condition together with Derived Values of the Enthalpy, Entropy, Heat Capacity and Joule-Thomson Coefficients. Part 4 : Steam Research Program. By Frederick G. Keyes, Leighton B. Smith and Harold T. Gerry. Pp. 319-364. 1 dollar. Vol. 70, No. 9 : Philippine Floridæ from the Mount Apo Region in Mindanao. By Charles T. Brues. Pp. 365-466. 1.50 dollars. (Boston, Mass. : American Academy of Arts and Sciences.) [14]

Records of the Geological Survey of India. Vol. 70 : Quinquennial Review of the Mineral Production of India for the Years 1929 to 1933. By the Director and Senior Officers of the Geological Survey of India. Pp. iv+453+lxvii+7 plates. (Delhi : Manager of Publications.) 6.4 rupees ; 10s. [14]

Indian Central Cotton Committee : Technological Laboratory. Cotton Research in India : being an Account of the Work done at the Indian Central Cotton Committee Technological Laboratory, 1924-1935. By Dr. Nazir Ahmad. Pp. vi+100+12 plates. (Bombay : Indian Central Cotton Committee.) 2 rupees. [14]

U.S. Department of the Interior : Office of Education. Bulletin, 1936, No. 18-1 : How Communities can Help. Pp. vii+77. (Washington, D.C. : Government Printing Office.) 10 cents. [14]