

JEAN CUILLE and PAUL LOUIS CHELLE: Is *tremblante* of the sheep determined by a filtrable virus?

### Moscow

(C.R., 19, No. 1-2, 1938).

N. SMIRNOFF: Application of the Fourier integral to the integral non-linear equations.

A. CHEPELEWSKIJ: The stochastic scheme of Pearson's equation.

L. KELDYCH: The grids defining measurable entities *B*.

N. W. ADAMOFF: Investigation of periodic solutions of an ordinary differential equation of the first degree by the method of successive approximations.

N. LUSIN: Existence of algebraic surfaces without continuous network.

I. I. PRIVALOV: The principle of maximum generalized for subharmonic functions.

N. REIN: (1) Development of the method for the evaluation of the period of solution of a restricted problem of three bodies. (2) A simplified scheme of an elliptical restricted problem of three bodies.

K. OGORODNIKOFF: Theoretical analysis of the Wolff's method of star counts in dark regions.

A. B. SEVERNY: The Compton scattering of radiation within a star.

L. GROŠEV and I. M. FRANK: Angular distribution of pairs in krypton.

S. RODIONOV, E. PAVLOVA and N. STOOPNIKOV: A new anomalous effect in the short-wave end of the solar spectrum (1).

S. RODIONOV and E. PAVLOVA: Contribution to the problem of the Umkehr-effect (2).

A. A. NOVITSKIJ: Researches on the peripheric visual adaptations during twenty-four hours.

N. AGEEV: Unlimited solubility of metals in the solid state.

B. A. PETRUSHEVSKY: The domes of the region near the Dzhezkazgan.

D. S. BELIANKIN, V. P. PETROV and R. P. PETROV: First nepheline syenite in Transcaucasia.

A. S. SEREBROWSKY: Genes *Scute* and *Achaete* in *Drosophila melanogaster* and a hypothesis of gene divergency.

E. D. LEVINA: A chemico-genetic study of the plum.

A. N. LUTKOV: Tetraploidy in *Linum* induced by high-temperature treatment of the zygote.

J. M. KABAK: Antigonadotropic serum.

F. P. MAZANKO: (1) A new method of tau-saghyz exploitation. (2) Rubber formation in tau-saghyz.

T. J. ZARUBAJO: Response of unripened wheat grain to vernalization effect of chilling.

M. CH. ČAYLACHJAN and L. P. ŽDANOVA: Hormones of growth in formation processes. (1) Photoperiodism and production of growth hormones.

I. D. ROMANOV: A new form of the embryo sac of the *Adoxa* type in *Tulipa tetraphylla* and *T. ostrovskiana*.

M. I. KNIAGINICHEV and T. M. GORELKINA: Structural peculiarities of starch in the cereal and the leguminous seeds.

K. A. BRODSKY: Contribution to the ecology and morphology of *Calanus tonsus* Brady (*Calanus plumchrus* Marukawa) of far-Eastern seas.

N. V. NASSONOV: Morphogenesis following the insertion of parts of various organs under the skin of the axolotl. (1) Lung as organizer. (2) Small intestine as organizer. (3) Gills as organizer.

## Appointments Vacant

APPLICATIONS are invited for the following appointments, on or before the dates mentioned:

PROFESSOR OF ARCHAEOLOGY in the University of Malta (to act also as secretary of the British Institute at Malta)—The British Council, 32 Chesham Place, London, S.W.1 (August 6).

ASSISTANT at the Royal Aircraft Establishment, South Farnborough, Hants.—The Chief Superintendent (August 6).

COUNTY INSTRUCTOR IN POULTRY KEEPING in the Kirton Agricultural Institute, Boston, Lincs.—The Principal (August 10).

LECTURER IN MATHEMATICS in the University of Reading—The Registrar (August 19).

ASSISTANT LECTURER IN MECHANICAL ENGINEERING in the Bradford Technical College—The Principal (August 20).

PRINCIPAL OF HENDON TECHNICAL COLLEGE—The Secretary of the Education Committee, Education Offices, 10 Great George Street, Westminster, S.W.1 (August 27).

HEAD OF THE MARINE ENGINEERING DEPARTMENT, University College, Southampton—The Registrar (August 31).

BIOCHEMIST in King's College Hospital, Denmark Hill, London, S.E.5—The House Governor (September 1).

PROFESSOR OF INORGANIC AND PHYSICAL CHEMISTRY in the Egyptian University, Abbassia, Cairo—The Dean of the Faculty of Science (September 15).

DIRECTOR OF THE INDIAN INSTITUTE OF SCIENCE, Bangalore, India—The Registrar (September 15).

SENIOR LECTURER IN ECONOMICS in the University of the Witwatersrand, Johannesburg—The Secretary, Office of the High Commissioner for South Africa, South Africa House, Trafalgar Square, London, W.C.2 (October 1).

LECTURER IN FORESTRY in the University of Aberdeen—The Secretary (October 31).

PHYSICISTS at the Shirley Institute (British Cotton Industry Research Association), Didsbury, Manchester—The Director of Research.

LECTURER IN CHEMICAL ENGINEERING in the University of Sydney—The Secretary, Universities Bureau of the British Empire, 88A, Gower Street, London, W.C.1.

LECTURER IN GEOGRAPHY in Raffles College, Singapore—The Secretary, Universities Bureau of the British Empire, 88A, Gower Street, London, W.C.1.

## Reports and other Publications

(not included in the monthly Books Supplement)

### Great Britain and Ireland

Scientific Proceedings of the Royal Dublin Society. Vol. 22 (N.S.), No. 5: Subaqueous Transpiration. By Prof. H. H. Dixon. Pp. 55-58. (Dublin: Hodges, Figgis and Co., Ltd.; London: Williams and Norgate, Ltd.) 6d. [187]

Permanent Consultative Committee on Official Statistics. Guide to Current Official Statistics of the United Kingdom. Vol. 16 (1937): Being a Systematic Survey of the Statistics appearing in all Official Publications issued in 1937. Pp. 406. (London: H.M. Stationery Office.) 1s. net. [187]

North of Scotland College of Agriculture. Guide to Experiments and Demonstration Plots at Craibstone, 1938. Pp. xii+64. (Aberdeen: North of Scotland College of Agriculture.) [187]

### Other Countries

Report of the Twenty-third Meeting of the Australian and New Zealand Association for the Advancement of Science, Auckland Meeting, January 1937. Edited by F. J. A. Brogan. Pp. xiv+500+17 plates. (Sydney, N.S.W.: Australian and New Zealand Association for the Advancement of Science.) [147]

American Philosophical Society. Year Book 1937. Pp. 433. (Philadelphia, Pa.: American Philosophical Society.) [187]

Proceedings of the Second Meeting of the Animal Husbandry Wing of the Board of Agriculture and Animal Husbandry, held at Madras from the 14th to the 16th December 1936; with Appendices. Pp. v+284. (Delhi: Manager of Publications.) 3.10 rupees; 6s. 3d. [187]

Further Zoological Results of the Swedish Antarctic Expedition 1901-1903 under the direction of Dr. Otto Nordenskjöld. Edited by Sixten Bock. Vol. 3, No. 4: Ascidiacea, Part I. By A. Arnbäck-Christie-Lund. Pp. 54+4 plates. (Stockholm: P. A. Norstedt and Söner.) [187]

Ministry of Public Works, Egypt: Physical Department. Climatological Normals for Egypt and the Sudan, Cyprus and Palestine. Pp. xv+148+6 plates. (Cairo: Government Press.) 40 P.T. [197]

Koninklijk Magnetisch en Meteorologisch Observatorium te Batavia. Jaarverslag 1937. Pp. 26. (Batavia: Koninklijk Magnetisch en Meteorologisch Observatorium.) [197]

Sborník vysoké školy zemědělské v Brně. Sign. C. 34: Biometrický příspěvek k otázce vlivu individuality na délku doby březosti klisen. Napsal Dr. Zdeněk Munk. Pp. 53. Sign. D. 25: Los evropský [*Alces alces* (L.)] v Polsku, Východních Prusích a Pobaltí (The European Moose-deer [*Alces alces* (L.)] of Poland, East Prussia and Baltic Lands). Napsal Karel Kostroň. Pp. 99. (Brno: A. Píša.) [197]