

N. E. ZAIKOVSKAJA: Reduction division in inter-specific hybrids in the genus *Beta*.

P. V. MIKHAILOVA: Inheritance of yellow leaf colour in *Nicotiana tabacum* L.

N. D. TARNAVSKY: Role of nucleic acid in chromosome conjugation.

N. A. KASHPOROV: Nitrogen supply to sunflower according to development periods.

G. M. PSAREV: Effect of day length upon growth of stem parenchyma cells in soya.

M. I. GOLDIN: (1) Tobacco mosaic virus as influenced by micro-organisms. (2) Adsorption of tobacco mosaic virus by micro-organisms.

P. A. NESTERENKO and S. N. ZARITSKY: 'Hollowness' in Clary sage (*Salvia sclarea* L.).

K. S. SOUKHOV and A. M. VOVK: Mosaic of cultivated cereals and its transmission in Nature.

S. A. IVANOVA: Influence of excessive parathyroid hormone on the development of bones.

A. W. RUMJANTSEW and L. F. BEREZKINA: Inductive action of cartilage *in vitro*.

### Rome

National Academy of the Lincei (*Atti*, 28, 217-272, 1938).

Q. MAJORANA: Comparison between thermal theory and experiments in metallic photo-resistance.

G. CHECCHIA-RISPOLI: Observations on the structure of the shell of Clypeasters.

E. BORTO LOTTI: Differential projective geometry of dualistic transformations.

R. CALAPSO: Deformation of the Voss lattices of a Euclidean  $S_4$ .

C. MIRANDA: A problem of differential geometry set by Minkowski.

U. SALINI: Applications of Minding's method for the deformation of ruled surfaces.

A. TONOLO: Extension of a trigonometrical theorem of Legendre.

M. VILLA: Quasi-asymptotic curves (1).

G. COLONNETTI: Investigation of the experimental foundations of the theory of elasto-plastic equilibrium.

F. B. BONINO and R. MANZONI-ANSIDEI: Raman spectrum of ortho-deuteroxybenzaldehyde.

G. GOIDANICH: Influence of the stock on the receptivity of the graft towards parasitic infections.

V. ZAGAMI: Researches on the seminal fluid (8). pH value of the seminal fluid of the rabbit.

### Forthcoming Events

[Meeting marked with an asterisk is open to the public.]

#### Monday, May 1

ROYAL GEOGRAPHICAL SOCIETY, at 5.30.—A. M. Champion: "By Motor Van from Cape Verde to Nairobi" (Film).

#### Tuesday, May 2

UNIVERSITY COLLEGE, LONDON, at 5.—Prof. E. J. Bigwood: "Chemical Reactions between Proteins and Electrolytes".\*

ST. MARY'S HOSPITAL, LONDON, W.2, at 5.—Dr. Wilson Smith: "The Prevention and Control of Virus Diseases".

INSTITUTION OF CIVIL ENGINEERS.—Prof. Karl von Terzaghi: "Soil Mechanics: A New Chapter in Engineering Science" (James Forrest Lecture).

### Thursday, May 4

UNIVERSITY OF CAMBRIDGE (CAVENDISH LABORATORY), at 4.30.—Prof. P. M. S. Blackett, F.R.S.: "Cosmic Rays: New Results and Further Problems" (Scott Lectures. Succeeding lectures on May 5 and 8).

PHYSICAL, CHEMICAL AND ROYAL METEOROLOGICAL SOCIETIES (at the Royal Institution), at 5.30.—Discussion on "Chemical and Physical Investigations of the Upper Atmosphere" to be opened by Prof. F. A. Paneth.

### Friday, May 5

ROYAL INSTITUTION, at 9.—Prof. W. L. Bragg, F.R.S.: "Magnets".

IRON AND STEEL INSTITUTE, May 3-5. Annual meeting to be held at the Institution of Civil Engineers.

### Appointments Vacant

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

SCIENTIFIC OFFICERS, JUNIOR SCIENTIFIC OFFICERS AND ASSISTANTS (grade II) in the Chemical Defence Research Establishment, Sutton Oak, or the Chemical Defence Experimental Station, Porton—Chief Superintendent, C.D.R.D., 14 Grosvenor Gardens, London, S.W.1 (May 5).

ASSISTANT CHEMIST for the London Shellac Research Bureau—The High Commissioner for India, General Department, India House, Aldwych, W.C.2 (May 6).

SENIOR RESEARCH OFFICER (grade II) to take charge of the Poultry Disease Laboratory, Edinburgh and RESEARCH OFFICERS for work in parasitology in the Veterinary Laboratory, Weybridge—The Secretary, Ministry of Agriculture and Fisheries, 10 Whitehall Place, London, S.W.1 (May 8).

PROFESSOR OF GEOGRAPHY in an Art College for Girls to be opened in Calcutta—The High Commissioner for India, General Department, India House, Aldwych, London, W.C.2 (May 13. Quote 3/94A).

JUNIOR SCIENTIFIC OFFICER in the Chemical Research Laboratory, Teddington, Middlesex—The Establishment Officer, Department of Scientific and Industrial Research, 16 Old Queen Street, Westminster, S.W.1 (ref. J 39/6. May 10).

SENIOR LECTURER in the ZOOLOGY OF VERTEBRATES and JUNIOR LECTURER in the ZOOLOGY OF INVERTEBRATES in the University of Edinburgh—The Secretary (May 22).

EIGHT CHEMISTS in Admiralty Cordite Factories—Secretary of the Admiralty (C.E. Branch II), London, S.W.1.

### Reports and other Publications

(not included in the monthly Books Supplement)

#### Great Britain and Ireland

Transactions of the Royal Society of Edinburgh, Vol. 59. Part 3, No. 25: Differential Fertility in Scotland, Part 2. By Dr. Enid Charles. Pp. 673-686. (Edinburgh: Robert Grant and Son, Ltd.; London: Williams and Norgate, Ltd.) 1s. 9d. [293]

Rhodesia—Nyasaland Royal Commission. Report. (Cmd. 5949.) Pp. x+283. (London: H.M. Stationery Office.) 7s. 6d. net. [303]

This Cruelty called Sport! By Air Commodore L. E. O. Charlton. Second edition. Pp. 48. (London: League for Prohibition of Cruel Sports.) 6d. [313]

#### Other Countries

Indian Association for the Cultivation of Science. Special Publication No. 6: Garnets and their Role in Nature. Based on Lectures delivered by Sir Lewis Leigh Fernor. Pp. v+105. (Calcutta: Indian Association for the Cultivation of Science.) 2.8 rupees; 4s. net. [273]

Ministério de Educação e Saúde. Anuário publicado pelo Observatório Nacional do Rio de Janeiro para o ano de 1939. (Ano 55.) Pp. xiii+492. (Rio de Janeiro: Observatório Nacional.) [283]

Le fonds national de la recherche scientifique et l'industrie. Par P. Beghin. Pp. ix+408. (Bruxelles: Fonds National de la Recherche scientifique.) [293]

Outline of the History of Mathematics. By Raymond Clare Archibald. Fourth edition, revised and enlarged. Pp. ii+66. (Oberlin, Ohio: Mathematical Association of America, Inc.) 50 cents. [303]

New Zealand: Department of Scientific and Industrial Research. Bulletin No. 69: Scientific and Industrial Research, 1927-1938. Pp. vii+113. 2s. 6d. Meteorological Office Note No. 22: The Cyclonic Storms in Northern New Zealand on the 2nd February and the 26th March 1936. By Dr. M. A. F. Barnett. Pp. 34. Meteorological Observations for 1937. Pp. 33. (Wellington: Government Printer.) [313]