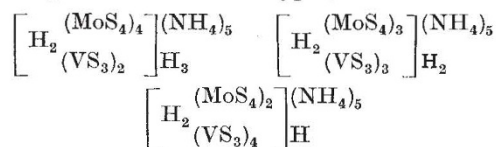


Sulpho-salts (6). Molybdovanadothioaques. Various compounds of the three types,



are described.—G. R. Levi and C. G. Fontana: Precipitated zinc sulphide. The individual crystals of zinc sulphide precipitated in various ways are found to have similar dimensions, namely, about 20 Å, which may be the dimensions of the pores of the filter-paper. The crystalline form of all the precipitates is that of zinc blende.—G. Scagliarini and E. Brasi: Additive compounds of halides of divalent metals and organic bases (6). Interaction of cadmium halides and hexamethylenetetramine in aqueous or acetone solution yields the compounds: 2CdCl_2 , $\text{C}_6\text{H}_{12}\text{N}_4$; CdBr_2 , $2\text{C}_6\text{H}_{12}\text{N}_4$; CdI_2 , $8\text{H}_2\text{O}$, $\text{C}_6\text{H}_{12}\text{N}_4$; CdCl_2 , $\text{C}_6\text{H}_{12}\text{N}_4$; and 2CdI_2 , $\text{C}_6\text{H}_{12}\text{N}_4$.—D. Cattaneo: Ultramicroscopy of the crystalline lens (4). Modifications of the ultramicroscopic structure in the process of cataract. Cataract appears to consist in a passage from a homogeneous system to a heterogeneous system by precipitation, in the form of granules or droplets, of the proteins constituting the fundamental protoplasm.—U. D'Ancona: The possibility of arranging systematically the larval species of the Murenoids.—A. de Lollis: Modifications of the blood, haemolymphatic apparatus, and kidneys in rabbits treated with transfusion of homogeneous blood.—A. Galamini: Investigations on the physiological action of alcohol. Action on the nitrogen exchange of albino rats fed with an insufficient subprotein, sublipinic, hypercarbohydrate diet (5). Alcohol exerts a favourable action on the resistance of albino rats on a diet of maize and varying proportions of beer yeast. This action does not consist in the conservation of protein substances, which are consumed in larger quantities when alcohol is administered.

Diary of Societies.

CONGRESSES.

AUGUST 30-SEPTEMBER 2.

SOCIÉTÉ HELVÉTIQUE DES SCIENCES NATURELLES (at Lausanne).

SEPTEMBER 3-10.

INTERNATIONAL CONGRESS OF MATHEMATICS (at Bologna).—In following sections:—Arithmetic, Algebra, Analysis; Geometry; Mechanics, Astronomy, Geodesy, Geophysics, Physical-mathematics, Theoretical Physics; Statistics, Mathematical Economics, Calculation of the Probabilities, Science of the Actuary; Engineering and Industrial Applications; Elementary Mathematics, Didactical Questions, Mathematical Logic; Philosophy, History of Mathematics.

SEPTEMBER 5-12.

BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE (at Glasgow).

Wednesday, Sept. 5.

At 8.30 P.M.—

Inaugural General Meeting (in St. Andrew's Hall, Charing Cross).—Sir William Bragg: Modern Developments of the Physical Sciences and their Relation to National Problems (Presidential Address).

Thursday, Sept. 6.

At 10 A.M.—

Prof. E. C. C. Baly: Fluorescence, Phosphorescence, and Chemical Reaction (Presidential Address to Section B).

Prof. W. Garstang: Larval Forms: Their Origin and Evolutional History (Presidential Address to Section D).

Joint Discussion on Human Distributions in Scotland.

Prof. Dame Helen Gwynne-Vaughan: Sex and Nutrition in the Fungi (Presidential Address to Section K).

Dr. J. S. Gordon: The Livestock Industry and its Development (Presidential Address to Section M).

At 11 A.M.—

Prof. J. Brontë Gatenby, and others: Discussion on Cell Structures.

No. 3069, VOL. 122]

At 11.15 A.M.—

Dr. C. G. Simpson, and others: Discussion on the Mechanism of Thunderstorms.

Sir William Ellis, Col. Ivor Curtis, and others: Joint Discussion on School, University, and Practical Training in the Education of the Engineer.

At 12 NOON.—

Prof. J. L. Myres: Ancient Geography in Modern Education (Presidential Address to Section E).

At 2 P.M.—

Conference of Delegates of Corresponding Societies. Dr. Vaughan Cornish, and others: Discussion on the Preservation of Scenic Beauty in Town and Country.

Friday, Sept. 7.

At 10 A.M.—

Dr. R. A. Sampson, and others: Discussion on the Photographic Measurement of Radiation.

Dr. J. Vargas Eyre, and others: Discussion on Fermentation. Sir William Ellis: The Influence of Engineering on Civilisation (Presidential Address to Section G).

Dr. H. E. Magee, Prof. E. P. Cathcart, Capt. J. Golding, and Dr. N. C. Wright: Joint Discussion on Lactation and Nutritional Factors allied thereto.

Dr. Cyril Norwood: Education: the Next Steps (Presidential Address to Section I).

At 11 A.M.—

Prof. T. H. Pear: The Nature of Skill (Presidential Address to Section J).

Saturday, Sept. 8.

At 8.30 P.M.—

(In Royal Technical College Hall, George Street.) Prof. E. A. Westermarck: The Study of Popular Sayings (Frazer Lecture in Social Anthropology).

Sunday, Sept. 9.

At 11 A.M.—

Official Service in the Cathedral Church of St. Mungo. Preacher: Rev. Dr. Lachlan Maclean Watt.

Monday, Sept. 10.

At 10 A.M.—

Prof. A. W. Porter: The Volta Effect: Old and New Evidence (Presidential Address to Section A).

E. B. Bailey: The Palaeozoic Mountain Systems of Europe and America (Presidential Address to Section C).

Prof. Allyn Young: Increasing Returns and Economic Progress (Presidential Address to Section F).

Sir George Macdonald: The Archaeology of Scotland (Presidential Address to Section H).

At 11 A.M.—

Prof. C. Lovatt Evans: The Relation of Physiology to other Sciences (Presidential Address to Section I).

Prof. F. O. Bower, and others: Discussion on the Size Factor in Plant Morphology.

At 11.15 A.M.—

Dr. H. H. Read, Dr. Gertrude Elles, and others: Discussion on Problems of Highland Geology.

At 11.30 A.M.—

Prof. T. H. Pear, Prof. H. Clay, and C. G. Renold: Joint Discussion on the Nature and Present Position of Skill in Industry.

Tuesday, Sept. 11.

At 10 A.M.—

Dr. C. J. Davison, and others: Discussion on the Scattering of Electrons by Crystals.

Sir William Pope, and others: Discussion on Recent Advances in Stereo-chemistry.

Prof. F. E. Suess, and others: Discussion on the Tectonics of Asia.

J. A. Venn, Dr. J. S. King, and others: Joint Discussion on the Incidence of Taxation in Agriculture.

G. E. Briggs, Dr. F. G. Gregory, and others: Discussion on the Interpretation of Growth Curves.

Aims of, and Developments in, Broadcasting. Papers:—(a) Sir John Reith: Wireless in the Service of Education. (b) Salter Davis: An Experiment in Educational Broadcasting.—Sir Oliver Lodge, W. A. Brockington: Discussion.

At 12 NOON.—

Prof. T. H. Mortensen, Dr. F. A. Bather, and others: Discussion on Bothrochordaris and the Ancestry of Echinoids.

At 2 P.M.—

Conference of Delegates of Corresponding Societies.

At 2.15 A.M.—

Prof. F. E. Fritsch, R. Gurney, and others: Joint Discussion—A Biological Investigation of British Fresh Waters.

Dr. G. S. Carter: The Conditions of Life in a Tropical Swamp: an Investigation of the Swamps of the Paraguayan Chaco (Lantern Lecture).

At 2.30 P.M.—

Prof. E. Taylor-Jones: Spark Ignition (Lecture).

Dr. J. D. Sutherland, and others: Joint Discussion on the Economic Balance of Agriculture and Forestry.

At 2.45 P.M.—

Discussion on the Position of Geography in Scottish Schools.

At 5 P.M.—

Sir John Stirling-Maxwell, Bart.: Forestry in Scotland: Past, Present, and Future (Lecture).

At 8.30 P.M.—

(In Royal Technical College Hall, George Street.) Prof. F. G. Donnan: The Mystery of Life (Evening Discourse).

Wednesday, Sept. 12.

At 12 NOON.—

(In Fore Hall, University.) Concluding General Meeting.