ones become infected, and the more virulent strains of the virus spread more rapidly than the less virulent ones. The rate of spread is much greater in tomato than potato plants. Datura stramonium and tomato, indeed, become infected when grown in soil containing only sap or residues from virus-infected plants. The fungus Rhizoctonia solani cannot effect transfer of

Variations in the properties of virus X have been studied by F. C. Bawden and A. Kleczkowski (J. Gen. Microbiol., 2, No. 2, 173; May 1948). Concentration of the virus extract by high-speed centrifugation or precipitation with acids and salts results in an insoluble form of the virus which is, nevertheless, infective and serologically active. Ribonuclease readily hydrolyses the nucleic acid derived from virus X, but has no action on the active virus.

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FORTHCOMING EVENTS

(Meeting marked with an asterisk * is open to the public)

Monday, March 28-Wednesday, March 30

CHEMICAL SOCIETY (joint meeting with the CHEMISTRY DIVISION of the ATOMIC ENERGY ESSEARCH ESTABLISHMENT, at Rhodes House, South Parks Road, Actord).—Symposium on "The Chemistry of the Heavy Elements".

Tuesday, March 29

Mary's Parsonage, Manchester), at 6.30 p.m.—Mr. Wm. A. Singleton: "Impressions of Sweden".

INSTITUTION OF THE RUBBER INDUSTRY, LONDON AND DISTRICT SECTION (at Caxton Hall, Caxton Street, London, S.W.1), at 7 p.m.—Prof. H. W. Melville, F.R.S.: "Redox Polymerization". (Members of the Plastics Group of the Society of Chemical Industry are invited.)

PHARMACEUTICAL SOCIETY, MANCHESTER, SAFFORD AND DISTRICT BRANCH (in the Council Chamber, Houldsworth Hall, Manchester), at 7.45 p.m.—Dr. C. Melville, Mr. H. Steinman, Mr. J. B. Lloyd and Mr. H. Burlinson: Papers on "Different Aspects of Pharmacy".

Wednesday, March 30

PHYSICAL SOCIETY, COLOUR GROUP (at the Royal Photographic Society, 16 Princes Gate, London, S.W.7), at 3 p.m.—Ninth Annual General Meeting; at 3.15 p.m.—Discussion on "Photoelectric Spectrophotometers and Tricolorimeters" (to be opened by Dr. T. Vickerstaff) MANCHESTER LITERARY AND PHILOSOPHICAL SOCIETY, CHEMICAL SECTION (at the Portico Library, Mosley Street, Manchester), at 5.30 p.m.—Dr. Hill: "Chemistry at the Shirley Institute".*

ROYAL INSTITUTE OF CHEMISTRY, LONDON AND S.E. COUNTIES SECTION (joint meeting with the BRITISH ASSOCIATION OF CHEMISTS and the ASSOCIATION OF SCIENTIFIC WORKERS, at Gas Industries House, I Grosvenor Place, London, S.W.1), at 6.15 p.m.—Discussion on "Part-time Education in Chemistry".

Wednesday, March 30-Friday, April I

INSTITUTE OF METALS (at the Institution of Mechanical Engineers, Storey's Gate, St. James's Park, London, S.W.1, on March 30 and 31, and at 4 Grosvenor Gardens, London, S.W.1, on April 1), at 10 a.m. each day—Annual General Meeting.

Thursday, March 31

CHEMICAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 2.30 p.m.—108th Annual General Meeting; at 3.30 p.m.—Sir Ian Heilbron, F.R.S.: "Concerning Amino-acids, Peptides and Purines" (Presidential Address).

ROYAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 4.30 p.m.—Scientific Papers.

MINERALOGICAL SOCIETY (at the Geological Society, Burlington House, Piccadilly, London, W.1), at 5 p.m.—Scientific Papers.

TEXTILE INSTITUTE (at 16 St. Mary's Parsonage, Manchester), at 7.15 p.m.—Mr. H. Marsden: "Nylon Yarn Processing in U.S.A.".

Thursday, March 31-Monday, April 4

BRITISH PSYCHOLOGICAL SOCIETY (at Bristol).—Annual General Meeting.

Friday, April I

CHEMICAL SOCIETY (joint meeting with the CHEMISTRY DIVISION of the Atomic Energy Research Establishment, at the Institution of Civil Engineers, Great George Street, London, S.W.1), at 9.30 a.m.—Discussion on "The Use of Radioactive Tracers in Chemistry".

Society of Public Analysts and Other Analytical Chemistry, Physical Methods Group (in the Chemistry Lecture Theatre, The University, Highfields, Nottingham), at 3.30 p.m.—Discussion on 'Electrophoretic Analysis'.

INSTITUTION OF MECHANICAL ENGINEERS, APPLIED MECHANICS GROUP (at Storey's Gate, St. James's Park, London, S.W.1), at 6 p.m. —Dr. F. P. Bowden, F.R.S.: "Seizure of Rubbing Surfaces"; Dr. J. R. Bristow: "The Measurement of Kinetic Boundary Friction or the Experimental Investigation of 'Oiliness'".

ROYAL STATISTICAL SOCIETY, LONDON GROUP of the INDUSTRIAL APPLICATIONS SECTION (at the E.L.M.A. Lighting Service Bureau 2 Savoy Hill, Strand, London, W.C.2), at 6 p.m.—Mr. C. Wainwright: "Statistical Principles in Quality Specifications for Plastics".

SOCIETY OF CHEMICAL INDUSTRY, MANCHESTER SECTION (at the Engineers' Club, Albert Square, Manchester), at 6.45 p.m.—Mr. H. V. Potter: "Synthetic Fibres" (Jubilee Memorial Lecture).

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 9 p.m.—Prof. S. Tolansky: "The Examination of Crystal and Metal Surfaces using Interferometry".

APPOINTMENTS VACANT

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

PHYSICAL CHEMISTS Extentific Officer grade) at a Ministry of Supply Research apt They followed Establishment near London, for duties in (a) high temperature refractories, (b) crystallography and practical microscopy, (c) lectrography, and (a) plant development—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting F.1025/48A (April 2).

SEMIOR SCIENTIFIC OFFICERS and SCIENTIFIC OFFICERS (with a good honours degree, or equivalent, in physics, and an interest in photo-

miniprotopy, (c) Hectrography, and (d) plant development—The Minility of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting A.59/49A (April 2).

SENIOR SCIENTIFIC OFFICERS and SCIENTIFIC OFFICERS (with a special base) at the Royal Aircraft Establishment, Farriborough, Hants—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting A.43/49A (April 2).

RESPONSIBLE LECTURER IN MECHANICAL Engineering of the DISTRICT at 7. p.m.—
(Members are invited.)

DISTRICT at 7. p.m.—
(Members are invited.)

DISTRICT Hands and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting A.42/49A (April 2).

SENIOR SCIENTIFIC OFFICER in Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting A.42/49A (April 2).

SENIOR SCIENTIFIC OFFICER in Ministry of Supply Research and Development Establishments (K), York House, Kingsway, London, W.C.2, quoting A.42/49A (April 2).

SENIOR SCIENTIFIC OFFICER in Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting D.69/49A (April 2).

LECTURER (qualified to teach up to B.Sc. general degree standard in Mathematics) in The Privacion And Marhematics of Particular Marketing of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting D.69/49A (April 2).

LECTURER (qualified to teach up to B.Sc. general degree standard in Mathematics) in The Privacion And Marhematics of Particular Departments at the Board's Headquarters in London—The National College and Marketing of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting D.6/49A (April 2).

ENGINEERS of Physicists in The Hydraulics Research for Chemical and Believe (K). Privacion and Particular Departments and Scientific Register (K), York House, Kingsway, Lon