

**Communications Satellites** (5 p.m.) Professor B. Cheng, University of London, in the New Chemistry Theatre, University College London Gower Street, London WC1.

**Electronics Education in Eastern Europe** (6.30 p.m.) Professor G. D. Sims, Institution of Electrical Engineers, jointly with IERE, at Bournemouth College of Technology.

**High Fidelity Loudspeakers and their Evaluation** (6 p.m.) Dr A. R. Bailey, Institution of Electronic and Radio Engineers, Communications Group, at 8-9 Bedford Square, London WC1.

**How to Achieve the Torque Curve You Want** (6 p.m. discussion) Institution of Mechanical Engineers, Combustion Engines Group, at 1 Birdcage Walk, London SW1.

**Laboratory Meeting** (7.30 p.m.) Royal Society of Tropical Medicine and Hygiene, at the Liverpool School of Tropical Medicine, Pembroke Place, Liverpool 3. Chairman: Professor B. G. Maegraith, CMG, FRCP.

**Mineralized Fluids in Ancient and Modern Sediments** (2.30 p.m.) Institution of Mining and Metallurgy, at the Geological Society, Burlington House, Piccadilly, London W1.

**Ocean Currents and Their Dynamics** (two-day discussion meeting) Royal Society, at 6 Carlton House Terrace, London SW1.

**Progress in Organic Chemistry** (2 p.m. symposium) Chemical Society, in the Scientific Societies Lecture Theatre, 23 Savile Row, London W1.

**Some Investigation into Building Problems** (5.30 p.m.) Mr R. T. Kelly, Society of Chemical Industry, Road and Building Materials Group, at 14 Belgrave Square, London SW1.

**Stereo Transmission and Reception** (6.30 p.m.) Mr J. H. Brooks, Institution of Electrical Engineers, London Graduate and Student Section, at Hatfield Polytechnic.

**Systematic Application of Palynology** (5 p.m.) Dr Wm. T. Stearn, Dr W. G. Chaloner and Mr A. Clive Jermy, Linnean Society of London, at Burlington House, Piccadilly, London W1.

**The Frontiers of Farming** (8.15 p.m.) Professor D. K. Britton, University of London, at Swanley Hall, Withersdane, Wye College, Ashford, Kent (Inaugural Lecture).

#### Friday, November 20

**Dye-Sensitized Photo-Oxidation of Nucleotides** (1 p.m.) Miss Gillian Mautner, Royal Institution, Photochemistry Discussion Group, at 21 Albemarle Street, London W1.

**Gloss and Semi-Gloss Latex Paints** (6.30 p.m.) Mr G. Willison, Oil and Colour Chemists' Association, at the Chamber of Commerce House, 75 Harbourside Road, Birmingham 15.

**Monoamine Oxidase Inhibitors** (10 a.m. colloquium) Biochemical Society, Pharmacological Biochemistry Group, at the Research Institute, May and Baker Ltd., Dagenham, Essex.

**Muscular Contraction** (9 p.m.) Dr H. E. Huxley, FRS, Royal Institution, at 21 Albemarle Street, London W1.

**Storm Effects in the Ionosphere and Magnetosphere** (2 p.m. discussion meeting) Royal Astronomical Society jointly with the Institute of Physics and the Physical Society, at the Scientific Societies Lecture Theatre, 23 Savile Row, London W1. Chairman: Professor V. C. A. Ferraro.

#### Monday, November 23

**Building Linear Filters from Logic Circuits** (7.30 p.m.) Mr M. H. Ackroyd, Institution of Electrical Engineers, at the University of Leicester

**Engineers in General Management Posts—the Army's Experience** (5.30 p.m.) Major General R. L. Clutterbuck, Institution of Civil Engineers, at Great George Street, London SW1.

**Fire Precautions in Locomotives and Rolling Stock** (5.30 p.m.) Mr J. M. Jarvis, Institution of Mechanical Engineers, Railway Division, at 1 Birdcage Walk, London SW1.

**Founders of Radio-Analytical Chemistry** (6 p.m.) Professor R. Spence, Society for Analytical Chemistry, Radiochemical Methods Group, at the Polytechnic of the South Bank, Borough Road, London SE1.

**Microwave Ultrasonic Devices** (6 p.m.) Mr R. F. Humphreys, Institution of Electronic and Radio Engineers, Aerospace, Maritime and Military Systems Group, at 8-9 Bedford Square, London WC1.

**Some Aspects of the Educational System in the USSR** (6.15 p.m.) Mr B. Nitikin (USSR Embassy), Institution of Electrical Engineers, in the Renold Building, UMIST, Manchester.

## Reports and Publications

(not included in the monthly Books Supplement)

### Great Britain and Ireland

West of Scotland Agricultural College. *Current Experimental Programme*, No. 13, May 1970. Pp. 23. Experimental Record No. 15: *The Effect of Heavy Dressings of Fertilizer Nitrogen on a Timothy/Meadow Fescue Mixture Under Three Cutting Systems*. By I. V. Hunt. Pp. 35. (Auchincruive, By Ayr: West of Scotland Agricultural College, Grassland Husbandry Department, 1970.) [210]

Department of Education and Science, Ministry of Technology. *Statistics of Science and Technology, 1970*. Pp. vii+127. (London: HMSO, 1970.) 25s net. [510]

Philosophical Transactions of the Royal Society of London. B: *Biological Sciences*. Vol. 259, No. 831 (1 October 1970): *Ficus* Subgen. *Ficus*. Two Rare and Primitive Pachycaul Species. *Ficus* Subgen. *Pharmacosycea* with reference to the Species of New Caledonia. By E. J. H. Corner. Pp. 353-433. (London: The Royal Society, 1970.) 42s; \$2.10. [510]

Concorde. Pp. 64. (London: British Aircraft Corporation; Paris: Aero-spatiale France, 1970.) [610]

Imperial College of Science and Technology. *Calendar 1970/1971*. Pp. xi+589. (London: Imperial College of Science and Technology, 1970.) [710]

Building Research Station Digest, No. 121: *Stainless Steel as a Building Material*. Pp. 4. (London: HMSO, 1970.) 9d (4p). [710]

### Other Countries

*Cellular Immunology*, Vol. 1, No. 1 (May 1970). Editor-in-chief: H. Sherwood Lawrence. Pp. 1-146. Vol. 1, 1960 (6 issues). \$30. (New York and London: Academic Press, 1970. Subscription orders to 111 Fifth Avenue, New York.) [289]

US Department of the Interior: *Geological Survey. Water-Supply Paper 1899-G: Measurement of Mixing Characteristics of the Missouri River Between Sioux City, Iowa, and Plattsmouth, Nebraska*. By N. Yotsukura, Hugo B. Fischer and William W. Sayre. Pp. iv+29. (Washington, DC: Government Printing Office, 1970.) \$0.25. [289]

*Canvassing for Peace: a Manual for Volunteers*. By Robert P. Abelson and Philip G. Zimbardo. Pp. vii+75. (Ann Arbor, Michigan: Society for the Psychological Study of Social Issues, P.O. Box 1248, 1970.) \$1. [299]

Proc. of the North American Paleontological Convention, Field Museum of Natural History, Chicago, September 5-7, 1969. Part A: *Teaching Paleontology*. Pp. 5. Part B: *Computers in Paleontology*. Pp. 55-154. Part C: *The Genus—a basic Concept Paleontology*. Pp. 155-320. Part D: *Paleoclimatology*. Pp. 321-408. (Lawrence, Kansas: Allen Press Inc., 1970.) \$13.50 the four parts. [299]

*Metropolitan Life. Statistical Bulletin, July 1970: Diabetes at Midlife. Longevity at 65—International Trends. Trend in Work Injuries. Profile of Our Children*. Pp. 12. (New York: Metropolitan Life, 1970.) [299]

*Smithsonian Contributions to Zoology*, No. 54: *Cyclopoid Copepods of the Genus Pseudanthessius Associated with Crinoids in Madagascar*. By Arthur G. Humes and Ju-Shey Ho. Pp. 20. (Washington, DC: Smithsonian Institution Press, 1970. For sale by US Government Printing Office.) \$0.35. [299]

*Le Bi-Repertoire Nucleaire: Techniques Nouvelles, Techniques de Pointe. Edition 1970 (Seconde Edition)*. (Paris: CID, Centre d'Informations et de Diffusion, 28 rue de Trévis, 1970.) [299]

*Agricultural Research Service, US Department of Agriculture, in cooperation with South Carolina Agricultural Experiment Station. Production Research Report No. 114: Pathogens and Chemicals Tested Against Caterpillars on Cabbage*. By C. S. Creighton, T. L. McFadden and J. V. Bell. Pp. 20. (Washington, DC: Government Printing Office, 1970.) \$0.15. [309]

*Mental Health Book Review Index: an Annual Bibliography of Books and Book Reviews in the Behavioral Sciences, Vol. 15*. Compiled by the Editorial Committee and Contributing Librarians. (Whole No. 20.) Pp. xxxviii+88. (New York: Council on Research in Bibliography, Inc., c/o Research Center for Mental Health, New York University, 1970. Orders to Mental Health Book Review Index, c/o Paul Klapper Library, Queens College of the City University of New York, Flushing, New York.) \$10. [309]

*World Health Organization. Technical Report Series, No. 451: Wholesomeness of Irradiated Food with Special Reference to Wheat, Potatoes and Onions—Report of a Joint FAO/WHO Expert Committee*. Pp. 44. (Geneva: WHO, London: HMSO, 1970.) 3 Sw. francs; 6s; \$1. [210]

*Republic of Cyprus: Ministry of Commerce and Industry. Annual Report of the Geological Survey Department for the year 1969*. By Y. H. Stavrinou. Pp. 43. (Nicosia: Geological Survey Department, Ministry of Commerce and Industry, 1970.) [210]

*Arbeitsgemeinschaft Deutsche Kunststoff-Industrie AKI. Jahresbericht 1969*. Pp. 16. (Frankfurt-am-Main: Arbeitsgemeinschaft Deutsche Kunststoff-Industrie AKI, 1970.) [210]

*World Health Organization. Technical Report Series No. 542: Requirements of Ascorbic Acid, Vitamin D, Vitamin B<sub>12</sub>, Folate, and Iron—Report of a Joint FAO/WHO Expert Group*. Pp. 75. (Geneva: WHO; London: HMSO, 1970.) 4 Sw. francs; 8s; \$1.25. [510]

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