

announcements

Awards

The Royal Society has announced the following awards: The **Copley Medal** to **F. H. C. Crick** for his elucidation of the structure and function of DNA and his continuing important contributions to molecular biology; The **Davy Medal** to **T. M. Sugden** for his contributions to physical chemistry including particularly the analysis of the reactions occurring in flames; The **Hughes Medal** to **R. H. Dalitz** for his contributions to the theory of the basic particles of matter; The **Leverhulme Medal** to **F. L. Rose** for his contributions to the application of chemical science to industry.

International meetings

January 5-6, **Aspects of water use**, Loughborough (John Pickford, University of Technology, Loughborough, Leicestershire, UK).

January 5-7, **Solid State Physics Conference**, Manchester (The Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1X 8QX, UK).

January 5-9, **Chemistry and biology of peptides**, California (Gordon Research Conferences, Pastore Chemical Laboratory, University of Rhode Island, Kingston, Rhode Island 02881).

January 6, **Photorespiration**, London (Dr B. Halliwell, Biochemistry Department, King's College, The Strand, London WC2, UK).

January 6-9, **Research and medical practice**, London (The Ciba Foundation, 41 Portland Place, London W1N 4BN, UK).

January 12-16, **Minicomputers/microprocessors and their applications to real world problems**, Zurich (Industrial Liaison Office, Room 39-615, MIT, Cambridge, Massachusetts 02139, USA).

January 12-16, **Fermentation technology**, Zurich (Industrial Liaison Office, Room 36-615, MIT, Cambridge, Massachusetts 02139, USA).

January 12-16, **Proteolysis and physiological regulation, and cancer enzymology**, Miami (Miami Winter Symposia, PO Box 520906, Florida 33152, USA).

January 21-22, **Energy-brake or break**, London (Institute of Fuel, 18 Devonshire Street, Portland Place, London W1N 2AU, UK).

January 22, **Volcanic processes in ore genesis**, London (Dr I. L. Gibson, Volcanic Studies Group, Bedford College, London NW1, UK).

January 26-30, **Biology of aging**, California (Gordon Research Conferences, Pastore Chemical Laboratory, University of Rhode Island, Kingston, Rhode Island 02881).

Miscellaneous

Data on Cytogenetic Registers. The International Advisory Committee on Cytogenetic Registers to the Standing Committee on Standardisation in Human Cytogenetics is compiling, updating and publishing a list of cytogenetic registers, together with summaries of aims, objectives and key elements. The Committee has developed a form for the collection of such data and invites individuals who operate Cytogenetic Registers (either in isolation or as part of a larger register system) to write to Dr. James R. Miller, Department of Medical Genetics, The University of British Columbia, Vancouver, B.C., V6T 1W5, Canada.

Reports and publications

Great Britain

Department of the Environment, Scottish Development Department. Welsh Office. 111th Annual Report on Alkali, &c. Works 1974. Pp. vii + 134. (London: HMSO, 1975.) £2.25 net. [210]

Ministry of Agriculture, Fisheries and Food. Report of the Director of Marine Fisheries Research, April 1973/March 1974. Pp. 63. (Lowestoft, Suffolk: Fisheries Laboratory, 1975.) [210]

Patent Cooperation Treaty—Minimum Documentation. By Brenda M. Rimmer. (A guide to the Patent Documents and Journals Currently Proposed for Inclusion). Pp. 24. (London: The British Library, 1975.) £1. [2110]

British Museum (Natural History). Guide for Young Visitors. Pp. 30. (Publication 773.) Bulletin of the British Museum (Natural History). Zoology. Vol. 28. No. 6: The Hydroid Species of *Obelia* (Coelenterata, Hydrozoa: Campanulariidae), with Notes on the Medusa Stage. By P. F. S. Cornelius. Pp. 249-293. £2.50. Vol. 28, No. 7: Some New and Rare Species of Calanoid Copepods from the Northeastern Atlantic. By H. S. J. Roe. Pp. 295-372. £4.75. (London: British Museum (Natural History), 1975.) [2110]

British Nutrition Foundation. Annual Report, 1974/1975. Pp. 28. (London: British Nutrition Foundation 93 Albert Embankment, SE1, 1975.) [2210]

Memoirs of the Royal Astronomical Society. Vol. 80, Part 1: Accurate Positions and Identifications for a Complete Sample of 341 Radio Sources from the Parkes $\pm 4^\circ$ Survey. By N. J. McEwan, I. W. A. Browne and J. H. Crowther. Pp. 1-59. Vol. 79, Part 2: Stromgren Four Colour Observations of Northern Hemisphere Binary Systems. By R. W. Hilditch, and Graham Hill. MK Classifications of Some Northern Hemisphere Binary Systems. By Graham Hill, R. W. Hilditch, Frank Younger and W. A. Fisher. Pp. 101-129. (Oxford and London: Blackwell Scientific Publications, 1975. Published for the Royal Astronomical Society.) [2210]

Philosophical Transactions of the Royal Society of London. A: Mathematical and Physical Sciences. Vol. 280, No. 1293: A Discussion on the Early Days of Ionospheric Research and the Theory of Electric and Magnetic Waves in the Ionosphere and Magnetosphere. Organised by W. J. G. Beynon, FRS and J. A. Ratcliffe, FRS. Pp. 1-224 + plates 1-11. (London: The Royal Society, 1975.) UK £10.50; Overseas £11. [2310]

Introducing MRPRA—Descriptive Brochure. Pp. 32. (Brickendonbury, Hertford: The Malaysian Rubber Producers' Research Association, 1975.) gratis. [2310]

Ministry of Agriculture, Fisheries and Food. Fishery Investigations, Series II, Vol. 27, No. 8: The Yorkshire Fishery for Edible Crabs (*Cancer pagurus*)—Assessment of the Effects of Changes in the Minimum Legal Size. By D. A. Hancock. Pp. iv + 11. 65p. Series II, Vol. 27, No. 9: Marine Fish Cultivation—Pioneering Studies on the Culture of the Larvae of the Plaice (*Pleuronectes platessa* L.) and the Sole (*Solea solea* L.). By J. E. Shelbourne. Pp. iv + 29. £1.80. (London: HMSO, 1975.) [2310]

ICI Information Handbook 1975-6. Pp. 48. (London: Imperial Chemical Industries, Ltd., 1975.) [2310]

The British Library—Science Reference Library. Recent Books on Polymer Science and Technology. Pp. 16. (London: The British Library, Store Street, WC1, 1975.) [2310]

Annual Report of the Scottish Marine Biological Association for the year ending 31st March, 1975. Pp. 63. (Oban, Argyll: Scottish Marine Biological Association, 1975.) [2410]

Ministry of Agriculture, Fisheries and Food. Agricultural Development and Advisory Service. Pest Infestation Control Laboratory, Technical Bulletin 31: Insect Travellers. Vol. 1: Coleoptera. By Audrey D. Aitken. Pp. xvi + 191 + 12 plates. (London: HMSO, 1975.) £4.24 net. [2410]

You and Your Back. By Dr. David Delvin. Pp. 34. (Teddington, Middx.: Back Pain Association, Somerset Road, 1975.) 25p. [2710]

Meteorological Office. Annual Report 1974. Pp. xiv + 129. (London: HMSO, 1975.) £1.80 net. [2710]

Ministry of Overseas Development. Annual Report of the Directorate of Overseas Surveys for the year ended 31st March 1974. Pp. 62 + 5 maps. (London: HMSO, 1975.) £2.40 net. [2710]

University of Oxford. Oration by the Vice-Chancellor and Annual Report, 1974/1975. (Suppl to *Oxford University Gazette*). Pp. 59-78. (Oxford: The University, 1975.) 20p. [2710]

International Planned Parenthood Federation. Annual Report for 1974. Pp. 68. (London: International Planned Parenthood Federation, 18/20 Lower Regent Street, SW1, 1975.) [2810]

The Institution of Gas Engineers. Discussions of the 112th Annual General Meeting, London, 1975. Pp. 136. (London: The Institution of Gas Engineers, 1975.) £1.50. [28910]

Thames Water Annual Report and Accounts for the year ended 31st March, 1975. Pp. 82. (London: Thames Water Authority, New River Head, Roseberry Avenue, EC1, 1975.) £1. [2910]

Agricultural Development and Advisory Service. Key for the Field Identification of Apterous and Alate Cereal Aphids with Photographic Illustrations. (Pinner, Middx.: Ministry of Agriculture, Fisheries and Food (Publications), Tolcarne, Drive 1975.) £2.10. [3010]

Philosophical Transactions of the Royal Society of London. B: Biological Sciences. Vol. 271, No. 914: The Jumping Mechanism of *Xenopsylla cheopis*. By Miriam Rothschild, J. Schlein, M. J. Cullen, K. Parker, C. Neville and S. Sternberg. Pp. 457-520 + plates 25-43. (London: The Royal Society, 1975.) UK £6.10; Overseas £6.30. [3010]

Other Countries

Office de la Recherche Scientifique, et Technique Outre-Mer, Paris. Systématique et Phylogénèse des *Sparidae* du Genre *Diplodus* RAF. (Pisces, Teleostei). Par Reynaldo de la Paz. (Travaux et Documents de l'ORSTOM, No. 45.) Pp. 96. (Paris et Bondy: ORSTOM 1975.) 30 francs. [210]

International Development Research Centre, Ottawa. Projects 1975. Edited by Claire Veinotte. (IDRC-047E). Pp. 56. (Ottawa: International Development Research Centre, PO Box 8500, 1975.) [210]

United States Department of the Interior: Geological Survey. Water-Supply Paper 2029-E: An Appraisal of Potential Water Salvage in the Lake McMillan Delta Area, Eddy County, New Mexico. By E. R. Cox and J. S. Havens. Pp. ix + 26. \$1.50. Professional Paper 437-G: Land Subsidence Due to Ground-Water Withdrawal in the Los Banos-Kettleman City Area, California, Part 3. Interrelations of Water-Level Change, Change in Auifer-System Thickness and Subsidence. By William B. Bull, and Joseph F. Poland. Pp. ix + 62. Professional Paper 818-C: The Effect of Sedimentation and Diagenesis on Trace Element Composition of Water-Laid Tuff in the Keg Mountain Area, Utah. By David A. Lindsey. Pp. iv + 35. Professional Paper 847: Quaternary Stratigraphy and Extent of Glaciation in the Mount Ranier Region, Washington. By Dwight R. Crandell and Robert D. Miller. Pp. vi + 59 + 2 plates. \$1.60. Professional Paper 892: Physical Results of Research Drilling in Thermal Areas of Yellowstone National Park, Wyoming. By D. E. White, R. O. Fournier, L. J. P. Muffler, and A. H. Truesdell. Pp. iv + 70. Professional Paper 940: Mineral Resource Perspectives 1975. Pp. v + 24. (Washington: DC: Government Printing Office, 1974 and 1975.) [210]