

8 September, **The Draughting and Preparation of an Iso Standard on Nuclear Quality Assurance**, London (The Institution of Mechanical Engineers, 1 Birdcage Walk, London, UK).

13 September, **Mini-Computers—Applications**, London (The Institution of Mechanical Engineers, 1 Birdcage Walk, London, UK).

13–15 September, **Conference on Heat and Fluid Flow in Water Reactor Safety**, London (The Institution of Mechanical Engineers, 1 Birdcage Walk, London, UK).

14–16 September, **3rd European Conference on Optical Fibre Communication**, Munich (W. Harth, Lehrstuhl f. Allg. Elektrotechnik der Technischen Universität München, Arcisstrasse 21, D-8000 Munich 2, Germany).

14–16 September, **3rd National Conference on Quantum Physics**, Southampton (Meetings Officer, The Institute of Physics, 47 Belgrave Square, London, UK).

15 September, **Pressure Vessel Codes—Change and Advance**, London (The Institution of Mechanical Engineers, 1 Birdcage Walk, London, UK).

15–16 September, **Conference of the Schizophrenia Association of Great Britain**, London (Hon. Secretary, Tyr Twr, Llanfair Hall, Caernarvon, Wales).

## Reports and Publications

### UK & Ireland—June

Residential Short-term Care for Mentally Handicapped People: Suggestions for Action. (Pamphlet No. 4.) Pp. v+9. (London: National Development Group for the Mentally Handicapped, Alexander Fleming House, SE1, 1977.) [16]

Laboratory Practice Reviews of Current Techniques and Instrumentation. Edited by Bevan M. Gilpin. Pp. 82. (London: United Trade Press, Ltd., 42/43 Gerrard Street, W1, 1977.) £5. [16]

British Pharmacopoeia 1973: Addendum 1977. (Published on the recommendation of the Medicines Commission pursuant to the Medicines Act 1968.) Pp. xix+72. (London: HMSO, 1977.) £6 net. [16]

Analysis by Gas Chromatography: Foods and Beverages. Pp. 34. (Cambridge: Pye Unicam, Ltd., York Street, 1977.) [26]

Ship and Marine Technology Requirements Board. Report 1976-77. Pp. 8. (London: SMTRB Secretariat, Department of Industry, Abell House, John Islip Street, SW1, 1977.) gratis. [26]

Critical Evaluation of Some Equilibrium Constants Involving Alkylammonium Extractants. By A. S. Kertes. (International Union of Pure and Applied Chemistry: Analytical Chemistry Division.) Pp. v+30. (Oxford and New York: Pergamon Press, 1977.) £3.30. [36]

CISHEC: Chemical Industry Safety and Health Organization—Guide. Pp. 16. (London: Chemical Industries Association, 93 Albert Embankment, SE1, 1977.) gratis. [36]

University of Oxford. Ashmolean Museum—Report of the Visitors, 1975-1976. Pp. 72+18 plates. (Supplement No. 3 to the *University Gazette*.) (Oxford: The University, 1977.) £2. [36]

Weed Research Organization. Technical Report No. 15: Methods of Analysis for Herbicide Residues. By T. H. Byast, E. G. Cotterill and R. J. Hance. Second edition. Pp. 58. (Oxford: ARC, Weed Research Organization, Begbroke Hill, Yarnton, 1977.) £5.75. [86]

Philosophical Transactions of the Royal Society of London. B: Biological Sciences. Vol. 279, No. 964: Studies of the Blue Astaxanthin-Proteins of *Velutella velutella* (Coelenterata: Chondrophora). By P. F. Zagalsky and P. J. Herring. Pp. 289-326. UK £2.30; Overseas £2.40. Vol. 279, No. 965: A Quantitative Survey of the Biota of Intertidal Soft Substrata on Aldabra Atoll, Indian Ocean. By R. N. Hughes and J. C. Gamble. Pp. 327-355. UK £1.75; Overseas £1.80. (London: The Royal Society, 1977.) [86]

University of Bristol: Department of Agriculture and Horticulture. Long Ashton Research Station: The National Fruit and Cider Institute—Report 1976. Pp. xvi+208. (Long Ashton, Bristol: Long Ashton Research Station, University of Bristol, 1977.) £2.25. [106]

An Alternative Energy Strategy for the United Kingdom. Edited by Dr. R. W. Todd and Dr. C. J. N. Alby. Pp. 30. (Machynlleth, Powys: National Centre for Alternative Technology, 1977.) [136]

Are The Lamps Going Out? By Sir Michael Swann. Pp. 15. (The 1977 Claymore Lecture, at Claymore School, Friday 4 March 1977.) (London: BBC, 1977.) [136]

List of University Institutions in the Commonwealth, Twenty-first edition. Pp. 32. (London: The Association of Commonwealth Universities, 36 Gordon Square, WC1, 1977.) [136]

Rothamsted Experimental Station. Rothamsted Nematology Department: Publications by past and present members and associated up to 1976. Pp. 150. (Harpenden: Rothamsted Experimental Station, 1976.) [146]

The British Industrial Biological Research Association. Annual Report 1976. 58. (Carshalton, Surrey: BIBRA, 1977.) [156]

Philosophical Transactions of the Royal Society of London. B: Biological Sciences. Vol. 279, No. 966: An Electron Microscopic Study of the Centre-Median and Ventrolateral Nuclei of the Thalamus in the Monkey. By B. N. Harding and T. P. S. Powell. Pp. 357-412+plates 1-35. UK £9.63; Overseas £9.88. Vol. 279, No. 967: Flow Behaviour of Blood Cells and Rigid Spheres in an Annular Vortex. By T. Karino and H. L. Goldsmith. Pp. 413-445+plate 1. UK £2.15; Overseas £2.25. Vol. 279, No. 968: On *Anthracosaurus russelli* Huxley (Amphibia: Labyrinthodontia) and the Family Anthracosauridae. By A. L. Panchen. Pp. 447-512+plates 1 and 2. UK £4.30; Overseas £4.45. (London: The Royal Society, 1977.) [156]

Office of Population Censuses and Surveys. Local Authority Vital Statistics: Vital Statistics for Administrative and Health Areas of England and Wales, 1975. (Series VS. No. 2.) Pp. viii+16. (London: HMSO, 1977.) 85p net. [166]

Philosophical Transactions of the Royal Society of London. A: Mathematical and Physical Sciences. Vol. 285, No. 1329: Theory of Isomorphous Replacement in Aluminosilicates. By R. M. Barrer, F.R.S., and J. Klinowski. Pp. 637-680. UK £2.40; Overseas £2.50. Vol. 286, No. 1330: Observations of the Semidiurnal Internal Tide in the Western North Atlantic Ocean. By R. M. Hendry. Pp. 1-24. UK £1.45; Overseas £1.50. (London: The Royal Society, 1977.) [166]

International Planned Parenthood Federation. Occasional Essays. No. 2: Population and National Development—The Dilemma of Developing Countries. By Fred T. Sai. Pp. 31. 85p; \$1.50 plus postage. No. 3: Food, Population and Politics. By Fred T. Sai. Pp. 36. 85p; £1.45 plus postage. (London: International Planned Parenthood Federation, 18/20 Lower Regent Street, SW1, 1977.) [176]

Report of the Rugby School Natural History Society for the year 1975-1976. Pp. 16. (109th Issue.) (Rugby: Rugby School Natural History Society, 1977.) [206]

Units, Symbols, and Abbreviations: a Guide for Biological and Medical Editors and Authors. Edited by B. N. Baron. Pp. 48. (London: The Royal Society of Medicine, 1977.) £2. [206]

International Institute for Environment and Development. IIED Energy Project. Energy Conservation in UK Dwellings: Domestic Sector Survey and Insulation. By Frederic Romig and Gerald Leach. Pp. 86. (London: IIED, 27 Mortimer Street, W1, 1977.) [206]

Cranfield Institute of Technology. Annual Report for 1976. Pp. 24. (Cranfield, Bedford: Cranfield Institute of Technology, 1977.) [206]

Land Use Studies by Remote Sensing. Edited by W. G. Collins and J. L. van Genderen. Pp. 164. (Remote Sensing Society.) (Birmingham: The Remote Sensing Unit, Department of Civil Engineering, University of Aston, Gosta Green, 1976.) [216]

Department of the Environment. Department of Transport—Library Services. Annual List of Publications 1976. Pp. vi+149. (South Ruislip: DOE/DTP Sub-Library, Bldg. 6, Victoria Road, 1977.) gratis. [216]

Proceedings of the 1976 Canadian SRE Reliability Symposium. Saturday June 5, 1976. Colonel By Hall, Ottawa, Ontario, Canada. (*Microelectronics and Reliability*, Vol. 15, Supplement, 1976.) Pp. 3-125. (Oxford and New York: Pergamon Press, 1976.) £7.50. [226]

Philosophical Transactions of the Royal Society of London. A: Mathematical and Physical Sciences. Vol. 286, No. 1331: A Theory of a Broadening of the Infrared Absorption Spectra of Hydrogen-Bonded Species. III. The Kinematic and Electronic Coupling Mechanisms. By G. N. Robertson. Pp. 25-53. UK £1.75; Overseas £1.80. Vol. 286, No. 1332: The Elastic Strain Energy of Crystallographic Shear Planes in Reduced Tungsten Trioxide. By E. Iguchi and R. J. D. Tiller. Pp. 55-85+plates 1 and 2. UK £2.30; Overseas £2.40. Vol. 286, No. 1333: The Excitation of Surface Waves Near a Cut-Off Frequency. By B. J. S. Barnard, J. J. Mahony and W. G. Pritchard. Pp. 86-123. UK £2.20; Overseas £2.30. (London: The Royal Society, 1977.) [226]

Department of Health and Social Security. Whooping Cough Vaccination: Review of the Evidence on Whooping Cough Vaccination by the Joint Committee on Vaccination and Immunisation. Pp. viii+38. (London: HMSO, 1977.) 85p net. [276]

Defeat of Deafness. By John Hope Robertson. Pp. 16. (Wimborne: The D.M.F. Deafness Clinic, Water Meadows, Merley Ways, 1977.) [276]

Medical Research Council: Laboratory Animals Centre. Dietary Standards for Laboratory Animals: Report of the Laboratory Animals Centre Diets Advisory Committee, 1977. Pp. 28. (Carshalton: MRC, Laboratory Animals Centre, 1977.) [276]

The Open University. Report of the Vice-Chancellor, 1976. Pp. 29. (Milton Keynes: The Open University, Walton Hall, 1977.) [276]

U.K. Chemical Industry Statistics Handbook 1977. Pp. 164. (London: Chemical Industries Association, 93 Albert Embankment, SE1, 1977.) UK £15; Overseas £16.50. [306]

### Other countries—June

*Australian Journal of Zoology*. Supplementary Series No. 47: A Monograph of the Genus *Spathula* (Platyhelminthes: Turbellaria: Tricladida). By Ian R. Ball. Pp. 43. (East Melbourne, Victoria: Editorial and Publications Service, CSIRO, P.O. Box 89, 1977.) [16]

A Prognosis for America. Pp. 16. (Washington, DC: Pharmaceutical Manufacturers Association, 1155 Fifteenth Street, NW, 1977.) [16]

World Health Organization. WHO Regional Publications. European Series No. 2: The Epidemiology of Road Traffic Accidents. (Report on a Conference, Vienna, 4-7 November 1975.) Pp. 38. (Copenhagen: WHO, Regional Office for Europe; London: HMSO, 1976.) Sw. fr. 6. [26]

World Health Organization. Manual on Radiation Protection in Hospitals and General Practice. Vol. 4: Radiation Protection in Dentistry. By K. Koren and A. H. Wuehrmann. (Jointly sponsored by ILO, IAEA, and WHO.) Pp. 52. (Geneva: WHO; London: HMSO, 1977.) sw. fr. 10; \$4. [26]

OECD Planning Group on Science and Technology for Developing Countries. Report of the Steering Group on Pest Control Under the Conditions of Small Farmer Food Crop Production in Developing Countries. Pp. 86. (Paris: Information Publications Office, Development Centre of the OECD, 94 rue Chardon-Lagache, 1977.) [96]

Sur le Noyau de la Terre. Par Georges Dubourdieu. Pp. 31. (Meudon: Collège de France, Laboratoire de Géologie, 1977.) [96]

Energy, Mines and Resources Canada. Geological Survey of Canada. Bulletin 279: Lower to Middle Devonian Acritarchs of the Moose River Basin, Ontario. By Geoffrey Palyford. Pp. 87 (20 plates). (Ottawa: Geological Survey of Canada, 1977.) \$5.40. [106]

Bulletin of the Fisheries Research Board of Canada, No. 196: Taxonomic Studies on Chironomidae—*Nanocladius*, *Pseudochironomus*, and the *Harnischia* Complex. By Ole A. Saether. Pp. viii+143. (Ottawa: Printing and Publishing Supply and Services, 1977.) \$6. [146]

Smithsonian Contributions to Zoology. No. 227: Classification, Phylogeny, and Zoogeography of the Genus *Perilypus* (Coleoptera: Cleridae). By Ginter Ekis. Pp. iv+138. (Washington, DC: Smithsonian Institution Press, 1977. For sale by US Government Printing Office.) [146]

Délégation Générale à la Recherche Scientifique et Technique, Paris. Rapport de Prospective: Physique Autorise des Accélérateurs dans les Domaines Autres que Nucléaires—Applications. Pp. 85. (Numéro Spécial du *Progress Scientifique*.) (Paris: La Documentation Française, 29/31 Quai Voltaire, 1976.) 20 francs. [156]

Norges Teknisk Naturvitenskapelige Forskningsrad. (Royal Norwegian Council for Scientific and Industrial Research.) Arsbetretning for Budsjettåret 1/1/1976-31/12/1976. Pp. xvi+329. (Oslo: Norges Teknisk-Naturvitenskapelige Forskningsrad, 1977.) [166]

United States Department of the Interior: Geological Survey. Professional Paper 991: Thermal Loading of Natural Streams. By Alan P. Jackman and Nobuhiro Yotsukura. Pp. iv+39. (Washington, DC: US Government Printing Office, 1977.) [166]

Techniques in Radioautography. Edited by Bernard Droz, Michel Bouteille, and Daniel Sandoz. Pp. iv+71-292. (Extrait du *Journal de Microscopie et de Biologie Cellulaire*, 27, 2-3.) (Paris: Société Française de Microscopie Electronique, 1976.) [206]

United States Department of the Interior: Geological Survey. Bulletin 1423: Geology of the Red Mountain Mining District, Esmeralda County, Nevada. By W. J. Keith. Pp. iv+45+2 plates. Bulletin 1422-E: Stewart Gulch Tongue—a New Tongue of the Eocene Green River Formation, Piceance Creek Basin, Colorado. By William J. Hail, Jr. Pp. iii+8. Professional Paper 581-F: Stratigraphy and Tertiary Development of the Continental Margin East of Florida. By John Schlee. Pp. vi+25+plate 1. Professional Paper 715-B: Combined Ice and Water Balances of Maclure Glacier, California, South Cascade Glacier, Washington, and Wolverine and Gulkana Glaciers, Alaska, 1967, Hydrologic Year. By Wendell V. Tangborn, Lawrence R. Mayo, David R. Scully and Robert M. Krimmell. Pp. 20+4 plates. Professional Paper 867-C: Tectonic Events Since Early Paleozoic in the Carlin-Pinon Range Area, Nevada. By J. Fred Smith, Jr., and Keith B. Ketner. Pp. iv+18. (Washington, DC: US Government Printing Office, 1977.) [206]

Argonne 77. Pp. 32. (Argonne, Ill.: Argonne National Laboratory, 1977.) [206]

National Council on Radiation Protection and Measurements. NCRP Report No. 50: Environmental Radiation Measurements. (Recommendations of the National Council on Radiation Protection and Measurements.) Pp. vi+246. (Washington, DC: NCRP Publications, PO Box 30175, 1976.) [206]

Council of Europe. Edutised R&D Bulletin, 1/76. (Documentation Centre for Education in Europe, Strasbourg: Council of Europe, 1977.) [206]

Canada's Role in World Agricultural Development. By W. David Hopper. Pp. 16. Agriculture, Development. By W. David Hopper. Pp. 16. Agriculture, Food and Nutrition Sciences Division: The First Five Years. Pp. 47. (Ottawa: International Development Research Centre, Box 8500, 1977.) [206]

Intergovernmental Oceanographic Commission. Technical Series No. 12: Oceanographic Products and Methods of Analysis and Prediction. Pp. 172. (Paris: Unesco, 1977.) [206]