

announcements

Appointments

Francis Joseph McQuillin has been appointed to a personal chair of organic chemistry at the **University of Newcastle-upon-Tyne**.

George Albert Swan has been appointed to a personal chair of organic chemistry at the **University of Newcastle-upon-Tyne**.

Awards

J. Baddiley has been awarded the **Davy Medal** by the **Royal Society** for his work in the field of chemistry.

W. G. Richards has been awarded the **Butterworths Scientific Fellowship for Authors** for 1975.

International meetings

February 3–7, **1975 National Symposium on Forensic Sciences**, Perth (Mr V. J. McLinden, Secretary, Australian Forensic Society, Government Chemical Laboratories, 30 Plain Street, Perth, Western Australia 6000).

February 4, **Entry and Distribution of Pollutants in Groundwater and Rivers**, London (The Assistant Secretary, Society of Chemical Industry, 14 Belgrave Square, London SW1X 8PS).

February 6, **The Role of Toxicology in the Development of a Drug**, London (Dr J. F. Cavalla, John Wyeth & Brother, Ltd., Huntercombe Lane South, Taplow, Maidenhead, Berkshire).

February 17–18, **Glacial Till**, Ottawa (M. K. Ward, Executive Secretary, Conference on Glacial Till, c/o National Research Council of Canada, Ottawa, Canada K1A 0R6).

February 24–27, **4th Conference on Experimental Medicine and Surgery in Primates**, Jerusalem (The Secretariat, P.O.B. 16271, Tel Aviv, Israel).

March 3–7, **26th Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy**, Cleveland, Ohio (Mr S. David Cifruk, Calgon Corporation, Pittsburgh Activated Carbon, PO Box 1346, Pittsburgh, Pennsylvania 15230).

March 4, **Aspects of Fungicidal Selectivity**, London (The Assistant Secretary, Society of Chemical Industry, 14 Belgrave Square, London SW1X 8PS).

March 10–15, **Dahlem Workshop on the Nature of Seawater**, Berlin (Dahlem Konferenzen, 1 Berlin 33, Delbrückstrasse 4c, Germany).

March 13–14, **Symposium on Infections of the Foetus and Newborn Infant**, New York (Dr Saul Krugman, New York University Medical Center, School of Medicine, 550 First Avenue, New York, N.Y. 10016).

March 13–15, **Energy Transducing Membranes: Structure, Function and Reconstitution**, Buenos Aires (Dr Alberto A. Boveris, Universidad de Buenos Aires, Facultad de Medicina, Instituto de Química Biológica, Paraguay 2155, Buenos Aires, Argentina).

March 17–21, **Biological Microanalysis**, Paris (Dr Patrick Echlin, Biological Microprobe Laboratory, Department of Zoology, Downing Street, Cambridge CB2 3EJ, UK, or Professor Pierre Galle, Faculté de Médecine de Créteil, 6 rue du Général-Sarrail, 94010 Créteil, France).

March 24–25, **Zmuda Memorial Conference on Geomagnetic Field Models**, Colorado Springs (American Geophysical Union, 1707 L Street, NW, Washington DC 20036).

March 24–26, **Europhysics Conference on Nuclear Interactions at Medium and Low Energies**, Harwell (The Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1X 8QX).

March 26, **The Structure and Origin of Comets**, York (Professor M. M. Woolfson, Department of Physics, University of York, Heslington, York YO1 5DD).

March 31–April 3, **5th International Symposium on Flavins and Flavoproteins**, San Francisco (Dr Thomas P. Singer, Molecular Biology Division, Veterans Administration Hospital, 4150 Clement Street, San Francisco, California 94121).

Reports and publications

Great Britain

Annual Report of the Scottish Marine Biological Association for the year ending March, 31, 1974. Pp. 69. (Oban, Argyll: Scottish Marine Biological Association, 1974.) 75p. [710]

Keyword Index of Guides to the Serial Literature. By A. G. Myatt. Pp. 35. (Boston Spa, Wetherby: The British Library, Lending Division, 1974.) £1. [810]

Science Research Council. Greenwch Time Report. Royal Greenwich Observatory Time and Latitude Service, 1973 July–December. Pp. 369–396. (London: Science Research Council, 1974.) [1010]

Imperial College of Science and Technology. (University of London). Safety Precautions in the Use of Electrical Equipment. Second edition. Pp. 24. Code of Practice Against Radiation Hazards. Sixth edition. Pp. 72. Precautions Against Biological Hazards. Pp. 119. Safety in Chemical Laboratories and in the Use of Chemicals. Third edition. Pp. 46. (London: Imperial College of Science and Technology, 1974.) [1010]

The Hostile Environment of Man (Report of a Symposium held on May 1, 1971, at the University of Leeds.) (*The Journal of the Royal College of General Practitioners*, Supplement No. 1, Vol. 24, 1974.) Pp. 46. (London: The Royal College of General Practitioners, 1974.) £1.25. [1010]

Proceedings of the Royal Irish Academy. Vol. 74, Section A, No. 13: Power Mappings and Group Morphisms. By D. MacHale. Pp. 91–94. 14p. Vol. 74, Section B, No. 16: The Ecology of *Collembola* in Irish Blanket Bogs. By R. E. Blackith. Pp. 203–226. 38p. Vol. 74, Section B, No. 17: The Stratigraphy of the Carboniferous Rocks of Hook Head, Co. Wexford. Pp. 227–244. 33p. (Dublin: Royal Irish Academy, 1974.) [1010]

Other countries

United States Department of the Interior: Geological Survey. Professional Paper 829: Geology and Mineral Deposits of the Poncha Springs SE Quadrangle, Chaffee County, Colorado. By Ralph E. Van Alstine. Pp. iii + 19 + plate 1. (Washington, DC: Government Printing Office, 1974.) \$1.95. [309]

Smithsonian Contributions to Botany, No. 14: Commercial Timbers of West Africa. By Edward S. Ayensu and Albert Bentum. Pp. iii + 69. \$1.65. Smithsonian Contributions to Anthropology, No. 18: Reconstruction of Demographic Profiles from Ossuary Skeletal Samples—a Case Study from the Tidewater Potomac. By Douglas H. Ubelaker. Pp. xi + 79. \$2.25. (Washington, DC: Smithsonian Institution Press, 1974. For sale by US Government Printing Office.) [110]

Transactions of the American Philosophical Society. New Series, Vol. 64, Part 4: Mappae Clavicula—a Little Key to the World of Medieval Techniques. By Cyril Stanley Smith and John G. Hawthorne. Pp. 128. (Philadelphia: The American Philosophical Society, 1974.) \$7. [110]

East African Community. East African Virus Research Institute Report for 1972. (No. 22). Pp. ii + 56. (Entebbe, Uganda: East African Virus Research Institute, 1972. Shs. 12. [210]

Theoretische Aspekte der Menschwerdung. Von B. Rensch and J. L. Franzen. (Aufsätze und Reden der Senckenbergischen Naturforschenden Gesellschaft.) Pp. 59. (Frankfurt am Main: Verlag Waldemar Kramer, 1974.) DM. 20. [210]

Lectures in Plasma Physics: The Magnetohydrodynamic Approach to the Problem of Plasma Confinement in Closed Magnetic Configurations. By C. Mercier, in collaboration with H. Luc. (Research Group of the Association EURATOM-CEA, CEN/Fontenay-aux-Roses (France). Pp. (Luxembourg: Commission of the European Communities, 1974.) [310]

Professional Profile, Vol. 1, No. 1, 1974. Pp. 1–36. (Eindhoven, The Netherlands: NV Philips Gloeilampenfabrieken, 1974.) [410]

Canada: Department of Energy, Mines and Resources. Economic Geology Report No. 29: Niobium (Columbium) and Tantalum in Canada. By K. R. Dawson. Pp. ix + 157. \$4.50. Paper 74–22: Gravity and Magnetic Natural Resource Maps (1972) Offshore Eastern Canada—Philosophy and Technique in Preparation by Computer. By Richard T. Haworth. Pp. 15. \$3. Paper 74–24: *Calliergon aftonianum* Steere in Late Tertiary and Pleistocene Deposits of Canada. By M. Kuc. Pp. 6. (2 plates). \$2. Paper 74–32: Geochronological Studies in the Surficial Environment of the Beaverlodge Area, Saskatchewan. By Willy Dyck. Pp. 30. \$3. Paper 74–45: Elemental Associations of Mineral Deposits and Indicator Elements of Interest in Geochemical Prospecting (Revised). By R. W. Boyle. Pp. 40. \$2. Paper 74–52: Field Data Acquisition Methods for Applied Geochemical Surveys at the Geological Survey of Canada. By Robert G. Garrett. Pp. 36. \$3. (Ottawa: Information Canada, 1974.) [410]

Environment Canada: Fisheries and Marine Service. Technical Report No. 466: An Attempt to Overwinter Salmonids at Prevailing Seawater Temperatures in New Brunswick. By R. L. Saunders, B. C. Muise and E. B. Henderson. Pp. 14. Technical Report No. 480: User's Manual for Pisces—a General Fish Population Simulator and Fisheries Program. By A. V. Tyler. Pp. 30. (St. Andrews, N.B.: Research and Development Directorate, Biological Station, 1974.) [710]

Australia: Commonwealth Scientific and Industrial Research Organization. Annual Report of the Minerals Research Laboratories, 1973/1974. Pp. 71. (Melbourne: CSIRO, 1974.) [710]

Practical Building of Methane Power Plants for Rural Energy Independence. By L. John Fry. Edited by D. Anthony Knox. Pp. 96. (Santa Barbara, California: Standard Printing, 1974.)

Journal of Environmental Economics and Management, Vol. 1, No. 1, May 1974. Pp. 1–88. Edited by Allen V. Kneese and Ralph C. d'Arge. Subscription: Vol. 1 (4 issues), 1974. \$30. (New York and London: Academic Press, 1974.) [710]

Australia: Commonwealth Scientific and Industrial Research Organization. Annual Report of the Division of Plant Industry, 1973. Pp. 171. (Canberra: CSIRO, 1974.) [710]

United States Department of the Interior: Geological Survey. Professional Paper 830: Zeolites and Associated Authigenic Silicate Minerals in Tuffaceous Rocks of the Bog Sandy Formation, Mohave County, Arizona. By Richard A. Sheppard and Arthur J. Gude, 3rd. Pp. iv + 36. (Washington, DC: Government Printing Office, 1973.) \$1.05. [710]

New Zealand. Report of the Department of Scientific and Industrial Research for the year ended March 1974. (G21). Pp. 68. (Wellington: Government Printer, 1974.) 45c. [810]

United States Department of the Interior: Geological Survey. Professional Paper 772: Gold-Bearing Gravel of the Ancestral Yuba River, Sierra Nevada, California. By Warren E. Yeend. Pp. iv + 44 + 2 plates. (Washington, DC: Government Printing Office, 1974.) \$2.70. [810]