

announcements

Meetings

20 September, **Materials Selection in Food Processing**, London (The Institution of Metallurgists, Northway House, Whetstone, London N20, UK).

20–21 September, **Safety Aspects of Instrumentation**, London (Beverly Humphrey, Scientific Symposia Ltd, 33/35 Bowling Green Lane, London, EC1, UK).

20–23 September, **Optics '78**, Bath (Mrs D. L. Harmer, Royal Greenwich Observatory, Hertsmonceux Castle, Hailsham, Sussex, UK).

20–22 September, **Complex Metallurgy 1978**, Clausthal-Zellerfeld (The Institution of Mining and Metallurgy, 44 Portland Place, London W1, UK).

24–29 September, **29th Annual Session American Association for Laboratory Animal Science**, New York (AALAS, Dr Alfred G. Edward, Wayne State University, 540 E. Canfield, Detroit, Michigan 48201).

25–27 September, **The Immune System: Function and Therapy of Dysfunction** (Serono Symposia, Via Casilina, 125, 00176 Rome, Italy).

25–27 September, **The Skin of Vertebrates, London** (Linnean Society of London, Burlington House, London W8, UK).

25–27 September, **AGU Midwest Meeting**, St Louis (AGU, 1909 K St. N.W. Washington D.C. 20006).

25–28 September, **6th International Symposium on the Chemistry and Biology of Pteridines**, La Jolla (G. M. Brown, MIT, Cambridge, Massachusetts 02139).

25–29 September, **12th International Symposium on Chromatography**, Baden-Baden (Gesellschaft Deutscher Chemiker, Geschäftsstelle, Abteilung Fachgruppen, Postfach 90 04 40, 6000 Frankfurt/Main 90, FRG).

25–29 September, **Trends in Physics**, York (The Institute of Physics, 47 Belgrave Square, London SW1, UK).

25–29 September, **3rd International Congress on Noise as a Public Health Problem**, Freiberg (Jerry V. Tobias, Institut für Arbeits- und Sozialmedizin Universitätsklinikum, Johannes Gutenberg Universität, Obere Zahlbacher Strasse 67, D-6500 Mainz, FRG).

25 September–1 October, **Palaentological Association**, Maastricht (DR D. G. Montagne, Natuurhistorisch Museum, Bosquetplein 7, Maastricht, The Netherlands).

27–29 September, **Wave and Tidal Energy**, Canterbury (BHRA Fluid Engineering, Cranfield, Bedford, UK).

28–29 September, **AGU 25th Pacific Northwest Regional Meeting**, Tacoma (Z. F. Danes, University of Puget Sound, Tacoma, Washington 98416).

Reports and publications

UK & Ireland—July

The Computer and Society. By Tom Crowe and John Hywel Jones. Pp. 16. (Fabian Tract 457.) (London: The Fabian Society, 11 Dartmouth Street, SW1, 1978.) 50p. [247]

Annual Report for 1977 of the Medicines Commission, the Committee on Safety of Medicines, the Veterinary Products Committee, the British Pharmacopoeia Commission, the Committee on the Review of Medicines, and the Committee on Dental and Surgical Materials. Pp. 122. (London: HMSO, 1978.) £2 net. [247]

Report of the General Practice Finance Corporation for the period 1st April 1977 to 31st March, 1978. Pp. 16. (London: HMSO, 1978.) 45p net. [247]

The Pharmaceutical Industry and the Nation's Health. Pp. 30. (London: The Association of the British Pharmaceutical Industry, 162 Regent Street, W1, 1978.) [247]

Research Strengths of Universities in the Developing Countries of the Commonwealth. Pp. 208. Second edition. (London: Association of Commonwealth Universities, 36 Gordon Square, WC1, 1978. Published in association with the Commonwealth Secretariat.) £3.50; \$8.50. [247]

Ministry of Agriculture, Fisheries and Food, Agricultural Development and Advisory Service Annual Report 1977. Pp. 99. (London: HMSO, 1978.) £4.50 net. [247]

Royal Observatory, Edinburgh, Annual Report, 1976–77. Pp. 60. (Science Research Council.) Pp. 60. (Edinburgh: The Director, Royal Observatory, Blackford Hill, 1978.) [247]

Office of Population Censuses and Surveys, Mortality Statistics: Cause. (Review of the Registrar General on Deaths by Cause, Sex and Age, in England and Wales, 1976. Series DH2 No. 3.) Pp. viii+105. (London: HMSO, 1978.) £2.75 net. [247]

Department of the Environment and Department of Transport Library Services, Annual List of Publications 1977. Pp. 126. (London: Departments of the Environment and Transport Library Services, 1978. Available from the DOE/DTp Sub-Library, Bldg., 6, Victoria Road, South Ruislip.) £1 (plus postage). [257]

British Nuclear Fuels, Ltd. Seventh Annual Report and Accounts, 1977/78. Pp. 33. (Risley, Warrington: British Nuclear Fuels, Ltd., 1978.) [257]

Grants to Local Authorities for Countryside Management Projects. Pp. 8. (Cheltenham: Countryside Commission, Crescent Place, 1978.) gratis. [267]

The Royal Society, Pollution in the Atmosphere: Final Report of a Royal Society Study Group. Pp. 25. **The Future Role of the Ordnance Survey: a Submission to the Ordnance Survey Review (Serpell) Committee by the Council of the Royal Society**. Pp. 60. **Long-term Toxic Effects: a Study Group Report**. Pp. 15. (London: The Royal Society, 1978.) [267]

National Coal Board, Report and Accounts 1977/1978. Pp. 88. **Statistical Tables 1977/1978**. Pp. 12. (London: National Coal Board, Hobart House, Grosvenor Place, 1978.) £1 net. [267]

Department of the Environment, Building Research Establishment Current Paper 30/78: The Ignition and Burning Characteristics of Fabric Covered Foams. By W. D. Woolley, S. A. Ames, A. I. Pitt and K. Buckland. Pp. 19. (Garston, Watford: Distribution Unit, Building Research Establishment, 1978.) gratis. [277]

Philosophical Transactions of the Royal Society of London, A: Mathematical and Physical Sciences, Vol. 289, No. 1364: **General Connection Formulae for Liouville-Green Approximations in the Complex Plane**. By F. W. J. Olver. Pp. 501–548. (London: The Royal Society, 1978.) UK £3.85; Overseas £4. [277]

Tetrahedron Reports, No. 31: Introduction of Fluorine into Organic Molecules—Why and How. By M. Schlosser. Pp. 18. No. 32: **Organopalladium Intermediates in Organic Synthesis**. By Barry M. Trost. Pp. 35. No. 33: **Recent Developments in Sulfone Chemistry**. By Phillip D. Magnus. Pp. 27. No. 34: **The Synthesis of Insect Sex Pheromones**. By Clive A. Henrick. Pp. 45. No. 35: **Boraheterocycles via Cyclic Hydroboration**. By Herbert C. Brown and Ei-ichi Negishi. Pp. 27. No. 36: **Synthesis of Polyketide-Type Aromatic Natural Products by Biogenetically Modelled Routes**. By Thomas M. Harris and Constance M. Harris. Pp. 27. No. 37: **Ei Reaction of Sulphilimines and Related Compounds**. By Shigeru Oae and Naomichi Furukawa. Pp. 9. No. 38: **Strategies in Optical Resolutions**. By Samuel H. Wilen, André Collet and Jean Jacques. Pp. 12. No. 39: **The Diradical Mechanism for 1, 3-Dipolar Cycloadditions and Related Thermal Pericyclic Reactions**. By Raymond A. Firestone. Pp. 31. No. 40: **The Organic Photochemistry of Benzene-II**. By D. Bryce-Smith and A. Gilbert. (Oxford and New York: Pergamon Press, 1977 and 1978.) £4.95 each. [277]

International Union of Pure and Applied Chemistry: Applied Chemistry Division, Commission on Food Additives, Survey on Analytical Methods Available for the Estimation of Artificial Sweeteners in Food. Prepared for publication by B. D. Page and H. B. S. Conacher. Pp. 245–254. (Oxford and New York: Pergamon Press, 1978.) £3.30. [277]

List of University Institutions in the Commonwealth. Twenty-second edition. Pp. 35. (London: The Association of Commonwealth Universities, 36 Gordon Square, WC1, 1978.) Single copies gratis. [287]

The Electricity Council, Annual Report 1977–78. Pp. 24. (London: The Electricity Council, 39 Millbank, SW1, 1978.) [287]

Health and Safety Commission, Notification of Occupational Ill Health (Consultative Document). Pp. 9. (London: HMSO, 1978.) 50p net. [317]

Other countries—July

Deutsche Forschungsgemeinschaft, Jahresbericht Band 1: Tätigkeitsbericht 1977. Pp. 398. **Jahresbericht Band 2: Programme und Projekte 1977**. Pp. 856. (Bonn: Deutsche Forschungsgemeinschaft, Kennedyallee 40, 1978.) [147]

National Botanic Gardens of South Africa, Report 1974/1975–1976/1977. Pp. 34. (Kirstenbosch: National Botanic Gardens of South Africa, 1978.) [1477]

Du Pont Europe 1977: The Year in Review. Pp. 25. (Geneva: Du Pont de Nemours International SA, 1978.) [147]

United States Department of the Interior: Geological Survey, Bulletin 1438: Understanding Natural Systems—a Perspective for Land-Use Planning in palachian Kentucky. By Wayne L. Newell. Pp. iii+50. (Washington, D.C.: U.S. Government Printing Office, 1978.) [177]

World Health Organization, Environmental Health Criteria 5: Nitrites, Nitrites, and N-Nitroso Compounds. Pp. 107. Sw.fr.10: \$5. **Technical Report Series, No. 619: Steroid Contraception and the Risk of Neoplasia—Report of a WHO Scientific Group**. Pp. 54. Sw.fr.6: \$3. No. 620: **Chemistry and Specifications of Pesticides—Second Report of the WHO Expert Committee on Vector Biology and Control**. Pp. 36. Sw.fr.5: \$2.50. (Geneva: WHO; London: HMSO, 1978.) [177]

Australian Journal of Zoology, Supplementary Series No. 60: A Revision of the Australian Chafers (Coleoptera: Scarabaeidae: Melolonthinae). Vol. 2: **Tribe Melolonthini**. By E. B. Britton. Pp. 150. (East Melbourne, Victoria: The Editor-in-Chief, Editorial and Publications Service, CSIRO, 314 Albert Street, 1978.) [177]

United States Department of Agriculture, Conservation Research Report No. 22: Treatment and Disposal of Potato Processing Waste Water by Irrigation. By J. H. Smith, C. W. Robbins, J. A. Bondurant and C. W. Hayden. Pp. 37. (Hyattsville, Maryland: United States Department of Agriculture, 1978. For sale by US Government Printing Office, Washington, DC.) [187]