

announcements

Awards

The 1975 **Hewlett-Packard-Europhysics Prize** for solid state physics has been awarded to **V. S. Bagaev, L. V. Keldysh, J. E. Pokrovsky** and **M. Voos**.

H. S. Schwartz has been awarded the **Johanoff International Fellowship** for advanced biomedical studies.

The Pontifical Academy of Sciences has awarded the **Pius XI Gold Medal** to **S. W. Hawkins** for his work on membranes.

Miscellaneous

Lunar Research. NASA is continuing to encourage and support research on all aspects of lunar science. Scientists with new ideas, techniques and special capabilities are encouraged to participate. NASA's lunar programmes include: experimental and theoretical research on lunar materials, lunar data analysis and synthesis, and supporting research and technology.

Further information from Dr E. A. Flinn, Director, Lunar Programs Office, Code SM, NASA, Washington, DC 20546.

International meetings

September 2-6, **Function of living plant collections in conservation**, Kew (Christine Brighton, Royal Botanic Gardens, Kew, Richmond, Surrey, UK).

September 9-11, **Applications and economics of remote sensing systems**, Silsoe, Bedfordshire (Mr T. S. Bell, ADAS, MAFF, Block B, Government Building, Brooklands Avenue, Cambridge, CB2 2DR, UK).

October 22, **Applications of analytical techniques to industrial effluents**, Colchester (Analytical Division, Chemical Society, 9 Savile Row, London W1X 1AF, UK).

October 26-November 1, **Alcoholism and drug dependence**, Sao Paulo, Brazil (International Council on Alcohol and Addictions, Box 140, 1001, Lausanne, Switzerland).

Reports and publications

Great Britain

Potato Marketing Board, Sutton Bridge Experimental Station Annual Review 1974. 71. Summary of Investigations Undertaken in 1973/1974. Pp. 7. (London: Potato Marketing Board, 50 Hans Crescent, SW1, 1975.) *gratis*. [106]

Half the Loaf: A Study on the World Food Crisis. By Colin Pritchard. Pp. 41. (Edinburgh: The Saint Andrew Press, 1975.) 30p net. [116]

Philosophical Transactions of the Royal Society of London. B: Biological Sciences. Vol. 270, No. 908: Excitable Membranes. A Discussion organized by R. D. Keynes, FRS. Pp. 295-559. (London: The Royal Society, 1975.) UK £10.70; Overseas £11.20. [116]

The Forestry Commission's Objectives. Pp. 16. (Edinburgh: Forestry Commission, 231 Corstorphine Road, 1975.) [126]

University of Bristol: Department of Agriculture and Horticulture. Report of the Long Ashton Research Station (The National Fruit and Cider Institute), for 1974. Pp. xxii + 220 + 7 plates. £2. An Introduction to Modern Cider Apple Production. By R. R. Williams. Pp. 34. 50p. (Long Ashton, Bristol: Long Ashton Research Station, The University, 1975.) [136]

Report of the Tropical Products Institute, 1972/1974. Director: P. C. Spensley. Edited by Melba Kershaw and J. B. Davis. Pp. v + 96 + 12 photographs. (London: Tropical Products Institute, 127 Clerkenwell Road, EC1, 1975.) 90p net. [136]

Ministry of Overseas Development. Annual Report of the Directorate of Overseas Surveys for the year ended 31st March 1973. Pp. 59 + 5 maps. (London: HMSO, 1975.) £2 net. [166]

The Baby Killer. (A War on Want investigation into the promotion and sale of powdered baby milk in the Third World). By Mike Muller. Second edition, with Appendix. Pp. 23. (London: War on Want, 467 Caledonian Road, N7, 1975.) 40p. [196]

British Overseas Trade Board. Export Handbook: Services for British Exporters. Eighth edition. Pp. 192. (London: British Overseas Trade Board, 1 Victoria Street, 1975.) *gratis*. [206]

The Agricultural Research Service. Pp. 36. (London: Agricultural Research Council, 169 Great Portland Street, W1, 1975.) [206]

Sun at Work in Britain. No. 2, May 1975. Pp. 46. (London: International Solar Energy Society, c/o The Royal Institution, 21 Albemarle Street, W1, 1975.) £1; \$3. [206]

Microbiological Research Establishment. Abstracts of Work Published in 1974. Pp. 15. (Porton, Salisbury, Wilts: Microbiological Research Establishment, 1975.) [236]

Philosophical Transactions of the Royal Society of London. A: Mathematical and Physical Sciences. Vol. 278, No. 1284: Baroclinic Waves in a Container with Sloping End Walls. By P. J. Mason. Pp. 397-445. UK £2.10; Overseas £2.20. Vol. 278, No. 1285: Marine Geology of the Rockall Plateau and Trough. By D. G. Roberts. Pp. 447-509. UK £4.95; Overseas £5.10. (London: The Royal Society, 1975.) [236]

The Tidal Threat: East Head Spit, Chichester Harbour. By S. A. Searle. Pp. 24. (West Wittering, Chichester: The Dunes Group. Distributed by The National Trust, Polesden Lacey, Dorking, Surrey.) £1. [236]

Royal Greenwich Observatory—Report 1974. Pp. 43 + 4 plates. 40p net. Royal Greenwich Observatory Illustrated. Pp. 25. 30p. (Herstmonceux Castle, Hailsham, Sussex: Royal Greenwich Observatory, 1975.) [236]

Proprietary Association of Great Britain. Annual Report 1974/1975. Pp. 12. (London: Proprietary Association of Great Britain, Victoria House, Southampton Row, WC2, 1975.) [236]

Cancer Research Campaign. 52nd Annual Report 1974, Incorporating Research Supported During 1975. Pp. 144. (London: Cancer Research Campaign, 2 Carlton House Terrace, SW1, 1975.) [246]

Bulletin of the British Museum (Natural History). Entomology, Vol. 32, No. 3: Revisional Notes of African *Charaxes*, *Palla* and *Euxanthe* (Lepidoptera: Nymphalidae), Part X. By V. G. L. van Someren. Pp. 65 - 136 + 19 plates. (London: British Museum (Natural History), 1975.) £13. [246]

John Innes Institute. Sixty-Fifth Annual Report, 1974. Pp. 151. (Norwich, Norfolk: John Innes Institute, Colney Lane, 1975.) £1.50. [266]

Code of Practice for the Large Scale Storage of Fully Refrigerated Anhydrous Ammonia in the United Kingdom. Pp. 38. (London: Chemical Industries Association, Ltd., 93 Albert Embankment, SE1, 1975.) £2.50. [266]

Department of Industry. Technology and the Environment. Reports from Scientific Counsellors Overseas, No. 8: Monitoring of Pollutants. Pp. 34. (London: Department of Industry, Abell House, John Islip Street, SW1, 1975.) [276]

BP Statistical Review of the World Oil Industry 1974: Reserves/Production/Consumption/Trade Refining/Tankers/Energy. Pp. 24. (London: The British Petroleum Co., Ltd., 1975.) [306]

Asbestos: Its Special Attributes and Uses. Pp. 32. (London: Asbestos Information Committee, 2 Old Burlington Street, W1, 1975.) £1.30. [306]

Smith Kline and French Foundation. Twelfth Annual Report, 1974. Pp. 9. (Welwyn Garden City, Herts: Smith Kline and French Foundation, 1975.) [306]

Bulletin of the British Museum (Natural History), Geology, Vol. 26, No. 1: The British Lower Jurassic Species of the Bivalve Genus *Cardinia*. By C. P. Palmer. Pp. 1 - 44 + 5 plates. (London: British Museum (Natural History), 1975.) £3.30. [306]

Devon Trust for Nature Conservation. Salcombe Hill, Sidmouth—Nature Trail Guide. Pp. 16. (Exeter: Devon Trust for Nature Conservation, 1975.) 20p. [306]

Science Research Council. Non-Newtonian Flow: a Review of Problems and Research. Pp. 53. (London: Science Research Council, State House, High Holborn, 1975.) *gratis*. [306]

Philosophical Transactions of the Royal Society of London. B: Biological Sciences. Vol. 271, No. 910: The Enigmatic Animal *Opabinia regalis*, Middle Cambrian, Burgess Shale, British Columbia. By H. B. Whittington. Pp. 1 - 43 + plates 1 - 16. UK £4.05; Overseas £4.20. Vol. 270, No. 909: Studies of the Post-Glacial History of British Vegetation. XVI. Flandrian Deposits of the Fenland Margin at Holme Fen and Whittlesey Mere, Hunts. By Sir Harry Godwin and Vishnu-Mittre. Pp. 561-608. UK £2.10; Overseas £2.20. (London: The Royal Society, 1975.) [306]

Other Countries

Australia: Department of Defence. Australian Defence Scientific Service. Materials Research Laboratories Report 620: The Determination of Colorimetric Values of Colours to BS 381C. By R. J. Hancox and L. A. Hill. Pp. 12. (Ascot Vale, Victoria: Materials Research Laboratories, 1974.) [186]

Det Danske Meteorologiske Institut. Meddelelser Nr. 25: An Operational Spectral Semi-Implicit One Layer Model. By B. P. Byrnek. Pp. 48. (Kobenhavn: Danske Meteorologiske Institut, 1975.) [186]

Argentina: Direccion Nacional del Antartico. Contribuciones del Instituto Antartico Argentino. No. 154: Resultados Planctologicos de la Campana Oceanar 1-1 Quetognatos, Por Estela Olga Dinofrio. Pp. 62. No. 164: Estratificacion del Complejo Benticomo de Invertebrados en Puerto Paraiso (Antartida). Por Zulma J. A. de Castellanos. Pp. 30. No. 165: La Superficie del Esmalte de la Foca de Weddell (Leptonychotes Weddelli) Tratada con Acido Lactico. Por Abraham Abramovich. Pp. 11. No. 167: Iluminacion Natural en Bahía Esperanza—I Antartida Argentina. Por M. F. de Mattiello, F. A. Mattiello and E. A. Buccella. Pp. 15. No. 168: La Glandula Pineal del Pinguino Papua (*Pygoscelis Papua*) Contenido de Serotonina y Melatonina. Por R. S. Piezzi, M. R. Gallardo, M. H. Burgos, J. Carlos de Rosas and L. Gutierrez. Pp. 11. No. 170: Estimacion de Volúmenes y Espacios Iluminacion Natural en Bahía Esperanza (II). Por M. L. F. de Mattiello y F. A. Mattiello. Pp. 19. No. 176: Contribucion al Conocimiento de Los Parasitos de la Fauna Antartica. Parte 1: Clavellopsis Tomoim n. sp. un Nuevo Copepodo Parasito de Trematomus Bernacchii Boulenger. Por T. Stadler. Pp. 11. (Buenos Aires: Instituto Antartico Argentino, 1973 and 1974.) [196]

Parliament of New South Wales. Report of the Department of Agriculture for the year ended 30 June 1973. Pp. 208. (Sydney: Department of Agriculture, 1974.) [246]

Académie Royale de Belgique. Annuaire pour 1975. Pp. 355. (Bruxelles: Académie Royale de Belgique, 1975.) [236]

World Health Organization. Geneva. Manual on Practical Entomology in Malaria. Part 1: Vector Bionomics and Organization of Anti-Malaria Activities. Pp. 160. Part 2: Methods and Techniques. Pp. 191. Prepared by the WHO Division of Malaria and Other Parasitic Diseases. (Geneva: WHO; London: HMSO, 1975.) Part 1 Sw.fr.21; Part 2 Sw.fr.24. [236]

Population Reference Bureau, Inc. Population Bulletin, Vol. 30 No. 1: Africa and Its Population Growth. Pp. 27. Population Bulletin, Vol. 30, No. 2: Literacy and World Population. Pp. 29. (Washington, DC: Population Reference Bureau, Inc., 1975.) [246]

Australian Academy of Science. Report No. 18: Report of Working Group on Diet and Coronary Heart Disease. Pp. 72. (Canberra: Australian Academy of Science, 1975.) [246]

US Department of Commerce: National Oceanic and Atmospheric Administration. Key to Geophysical Records Documentation No. 4: Marine Geophysical Data Catalog—1975. Pp. ii + 371. (Boulder, Colorado: National Geophysical and Solar-Terrestrial Data Center, 1975. For sale by US Government Printing Office, Washington, DC.) \$5.25. [246]