

Announcements

Awards

H. H. Lamb has been given the **Murchison Award** of the Royal Geographical Society for his work in the field of climatic change.

Graham Highman has been awarded the **De Morgan Medal** and **Paul M. Cohen** the **Senior Berwick Prize** of the **London Mathematical Society**.

Errata

In the article "Effects of bicuculline on functions of inhibition in visual cortex" by D. Rose and C. Blakemore (*Nature*, **249**, 375; 1974) the following corrections should be made: the last sentence of para 1 on page 376 should read 'The erratic mechanical stability of the preparation for topical application used in some experiments, has meant that few cells have been fully analysed so far.'; line 12, para. 6 should read '... best orientation. This suggests the presence ...'; and in Table 1, in the column "cortical layer" the first entry should be VI, the third V and the fourth IV.

In the article "Do D-glucosamine and D-galactosamine form a part of the specific receptor sites for the competence substance on the cell wall of *Pneumococcus*?" by M. Kohoutova and J. Kocourek (*Nature*, **247**, 277; 1974) the first sentence of the paragraph under Fig. 4 should read 'The presence of a 2-N-acetamido-4-amino-2,4,6-trideoxyhexose was also reported in the C substance¹³, and not as printed.

In the article "Behavioural and physiological bases of drinking inhibition in water deprived rats" by E. B. Blass and W. G. Hall (*Nature*, **249**, 485; 1974) the first word of the fourth column of Table 1 should be drink and not pre-load.

International meetings

August 25-30, **9th Meeting of the Federation of European Biochemical Societies** (the Secretariat of the 9th FEBS Meeting, H-1502 Budapest, P.O. Box 7, Hungary).

August 27-September 3, **International Symposium on Discharge of Sewage from Sea Outfalls** (Water Pollution Research Laboratory, Elder Way, Stevenage, Herts SG1 1TH, UK).

September 1-6, **International Symposium on Bread** (James Hadley, Executive Director, The Rank Prize Funds, 152 Grosvenor Road, London SW1V 3JL).

September 1-6, **15th Congress of the International Society of Haematology** (Fifteenth Congress, International Society of Haematology, P.O. Box 12060, Jerusalem, Israel).

September 1-7, **1st Intersectional Congress of the International Association of Microbiological Societies** (Dr Daizo Ushiba, Secretary General, First Intersectional Congress of IAMS, c/o Science Council of Japan, 7-22-34, Roppongi, Minato-ku, Tokyo 106, Japan).

September 1-14, **UNESCO-UNDP-ICRO Training Course on The Cell Nucleus** (Professor F. B. Straub, Biological Research Center, Hungarian Academy of Science, H-6701 Szeged, P.O.B. 521, Hungary).

September 2-6, **3rd International Congress on Photosynthesis** (Photosynthesis Secretariat, Department of Biochemistry, Weizmann Institute of Science, Rehovot, Israel).

September 2-6, **Residential School Binding Processes Involving Biopolymers** (Miss J. M. Usher, The Chemical Society, Burlington House, Piccadilly, London W1V 0BN).

September 2-6, **6th Conference on Molecular Spectroscopy** (Mr C. H. Maynard, The Institute of Petroleum, 61 New Cavendish Street, London W1M 8AR).

September 2-7, **British Association for the Advancement of Science Stirling Annual Meeting** (British Association, 23 Saville Row, London W1X 2AA).

September 2-7, **4th International Congress on Hormonal Steroids** (Congress Secretariat, Dr J. L. Mateos, Apartado postal 73-132, México, D.F.).

September 2-7, **12th International Congress for Fat Research** (Società Italiana per lo Studio delle Sostanze Grasse, Twelfth ISF Congress, c/o Stazione Sperimentale Oli e Grassi, Via G. Colombo 79, 20133 Milano, Italy).

September 3-6, **5th Canadian Medical and Biological Engineering Conference** (Dr Chas. A. Laszlo, Technical Program Chairman, Bio-Medical Engineering Unit, McIntyre Medical Sciences Center, McGill University, 3655 Drummond St, Montreal, Quebec, H3G 1Y6, Canada).

September 4-6, **Conference on Elementary Particle Physics at Ultra High Energies** (Dr V. A. Bull, Department of Physics, Westfield College (University of London), Kidderpore Avenue, London NW3 7ST).

September 6-9, **Course on the Biological Basis of Ageing** (Director of Special Courses, Department of Adult Education and Extramural Studies, University of Leeds, Leeds LS2 9JT, UK).

September 7-10, **28th Annual Meeting of The Society of General Physiologists** (The Society of General Physiologists, Box 257, Woods Hole, Massachusetts 02543).

September 8-10, **International Symposium on Foams** (Dr D. Seaman, Imperial Chemical Industries Ltd, Jealott's Hill Research Station, Bracknell, Berkshire RG12 6EY, UK).

September 8-13, **National Meeting of The American Chemical Society** (American Chemical Society News Service, 1155 16th St., N.W. Washington D.C. 20036).

September 8-14, **1st International Congress of Ecology** (Secretariat 1st International Congress of Ecology, P.O. Box 9000, The Hague, The Netherlands).

September 8-14, **International Solvent Extraction Conference, 1974** (Dr A. Naylor, British Nuclear Fuels Limited, Windscale and Calder Works, Seascale, Cumberland, CA20 1PG, UK).

September 9-11, **Neurophysin Proteins: Carriers of Peptide Hormones** (New York Academy of Sciences, 2 East 63rd Street, New York 10021).

September 9-11, **4th Meeting of the European Connective Tissue Clubs** (Dr A. J. Bailey, Agricultural Research Council, Meat Research Institute, Langford, Bristol BS18 7DY, UK).

September 9-11, **International Symposium on Radiation Protection in Mining and Milling of Uranium and Thorium** (Symposium Joint Secretariat, c/o Occupational Safety and Health Branch, International Labour Office, CH-1211 Geneva 22, Switzerland).

September 9-11, **17th International Conference on the Biochemistry of Lipids** (Dr Giovanni Galli, Institute of Pharmacology and Pharmacognosy, University of Milan, Via A. Del Sarto 21, 20129 Milano, Italy).

September 9-12, **3rd International Conference Gas Discharges** (Conference Department, Institution of Electrical Engineers, Savoy Place, London WC2R 0BL).

September 9-13, **7th International Conference on Water Pollution Research** (SOCFI, 7 rue Michel Ange, 75018 Paris).

September 9-13, **4th International Symposium on Medicinal Chemistry** (Secretariat 4th International Symposium on Medicinal Chemistry, c/o Merck Sharp and Dohme B.V., Waarderberg 39, P.O. Box 581, Haarlem, The Netherlands).

September 9-14, **18th Ampere Congress on Magnetic Resonance and Related Phenomena** (Professor E. R. Andrew, Department of Physics, The University, University Park, Nottingham NG7 2RD, UK).

September 10-14, **Biostereometrics '74 Symposium** (Dr R. E. Herron, Biostereometrics Laboratory, Texas Institute for Rehabilitation and Research, Baylor College of Medicine, 1333 Moursund Ave., Houston, Texas 77025).

September 10-14, **3rd International Conference on Ferroelectricity** (Dr H. Montgomery, Physics Department, The University, King's Buildings, Mayfield Road, Edinburgh EH9 3JZ, UK).

September 11-14, **2nd International Congress of Collegium Internationale Activitas Nervosae Superioris** (2nd International Congress of CIANS, Czechoslovak Medical Society, J. E. Purkyne, Sokolska 31, 120 26 Praha 2, Czechoslovakia).

September 13-14, **Conduction Electron Scattering in Metals** (The Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1 8QX).

September 15-21, **3rd International Congress on Muscle Diseases** (Professor J. N. Walton, Charman of the Organising Committee of the Third International Congress on Muscle Diseases, Regional Neurological Centre, Newcastle General Hospital, Newcastle, UK).

September 15-21, **11th International Congress on High Speed Photography** (11th International Congress on High Speed Photography, c/o Central Unit for Scientific Photography, Royal Aircraft Establishment, Farnborough, Hants, UK).

September 16-18, **International Symposium Theory and Practice of Emulsion Technology** (Dr D. Seaman, Imperial Chemical Industries Ltd, Jealott's Hill Research Station, Bracknell, Berkshire, RG12 6EY, UK).

September 16-20, **5th European Symposium on Fluorine Chemistry** (Dr John G. Gibson, The Chemical Society, Burlington House, London W1V 0BN).

September 16-21, **6th International Conference on Magnetic Resonance in Biological Systems** (Professor K. Wüthrich, Institute of Molecular Biology and Biophysics, ETH, 8049, Zürich, Switzerland).

September 16-21, **6th L. H. Gray Conference on the Initial Shapes of Cell Survival Curves: Clinical and Theoretical Implications** (Dr Tikvah Alper, Medical Research Council, Experimental Radiopathology Unit, Hammersmith Hospital, London W12 0HS).

September 17-19, **3rd European Conference on Hard Magnetic Materials** (Professor K. Hoeselitz, Mullard Research Laboratories, Cross Oaks Lane, Redhill, Surrey RH1 5HA, UK).

September 17-19, **Stress Vibration and Noise Analysis in Vehicles** (T. H. Richards, Department of Mechanical Engineering, University of Aston, Gosta Green, Birmingham B4 7ET, UK).

September 17-20, **International Symposium on Practical Applications of Ergonomics in Industry, Agriculture and Forestry** (Organising Committee for the International Symposium on Ergonomics, Ministry of Labour, Str. Scaune No. 1-3, Bucharest, Rumania).

September 18-19, **Electrical Properties of Polymers** (The Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1X 8QX).

September 18-19, **Seminar on Electrostatics: Fundamentals, Application and Hazards** (The Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1X 8QX).

September 18-20, **Interim Colloquium on Field Simulation** (Dr Yakup Paker, Polytechnic of Central London, 115 New Cavendish Street, London W1M 8JS).

September 18-27, **General Assembly of International Council of Scientific Unions** (Associate Secretary General of IUPAP, c/o Institute of Theoretical Physics, Fack, S-402 20, Göteborg 5, Sweden).

Reports and Publications

Great Britain

The Ciba Foundation for the Promotion of International Cooperation in Medical and Chemical Research. Annual Report for 1973. Pp. 58. (London: The Ciba Foundation, 1974.) [15]

International Tin Research Council. Annual Report for 1973. Pp. 48. (Greenford, Middx.: Tin Research Institute, 1974.) [15]

Bulletin of the British Museum (Natural History). Entomology. Vol. 30, No. 3: A Catalogue of the Family-Group and Genus-Group Names of the Coleophoridae (Lepidoptera). By K. Sattler and W. G. Tremewan. Pp. 183-214. (London: British Museum (Natural History), 1974.) £1.50. [25]

Philosophical Transactions of the Royal Society of London. A: Mathematical and Physical Sciences. Vol. 276, No. 1257: The Place of Astronomy in the Ancient World—a Discussion. Edited by F. R. Hodson. Pp. 1-276. Vol. 276, No. 1258: Derivation and Testing of a Molecular Orbital Description of Ligand Field Spectra. By B. D. Bird, E. A. Cooke, P. Day and A. F. Orchard. Pp. 277-339. (London: The Royal Society, 1974.) [25]

The Year Book of the Royal Society of London 1974. (No. 78). Pp. 466. (London: The Royal Society, 1974.) £2.10. [35]

Proceedings of the Royal Irish Academy. Vol. 74, Section A. No. 6: Generalized Shape Theory. By T. Porter. Pp. 33-48. 38p. No. 7: The Conformal Properties of a Poincaré Invariant Field Theory. Pp. 49-60. 26p. No. 8: On the Expansion of Closed Universes. By P. Yodzis. Pp. 61-66. 18p. Vol. 74, Section B. No. 6: The Donegal Granite—a Gravity Analysis. By D. G. C. Young. Pp. 63-74. 21p. No. 7: The Lower Palaeozoic Stratigraphy of the Northern Part of the Leinster Massif. By P. M. Bruck, T. L. Potter and C. Downie. Pp. 75-84 + plate 2. 27p. No. 8: Littoral and Benthic Investigations on the West Coast of Ireland—III. (Section A: Faunistic and Ecological Studies). The Bivalves of Galway Bay and Kilkerrin Bay. By B. F. Keegan. Pp. 85-123. 50p. (Dublin: Royal Irish Academy, 1974.) [75]

Strategic Survey 1973. Pp. 104. (London: The International Institute for Strategic Studies, 1974.) [85]

Central Electricity Generating Board. Annual Report 1972-73. Vol. 2: Statistical Digest and Detailed Accounts. Pp. 43. (London: CEGB, 1974.) £1 net. [95]

Canada: Department of Energy, Mines and Resources. Coal in Canada. Pp. 36. (Ottawa: Information Canada, 1974.) [295]

Smithsonian Contributions to Paleobiology No. 15: Permian Brachiopods of West Texas. II. By G. Arthur Cooper and Richard E. Grant. Pp. vii + 233-793 (plates 24-191). (Washington, DC: Smithsonian Institution Press, 1974. For sale by US Government Printing Office.) \$9.65. [295]

International Labour Office. Geneva. Occupational Safety and Health Series, No. 26: Occupational Health Problems of Young Workers. By S. Forssman and G. H. Coppée. Pp. v + 143. (Geneva: International Labour Office, 1974.) [305]

Other Countries

Australia: Department of Supply. Annual Report of the Defence Standards Laboratories 1972/1973. Pp. 88. (Maribyrnong, Victoria: Defence Standards Laboratories, 1974.) [305]

Commonwealth Scientific and Industrial Research Organization. Australia. Annual Report 1972-73. Division of Animal Physiology. Pp. 85. (Melbourne: CSIRO, 1974.) [315]

Endocrine Research Communications. Vol. 1 No. 1, 1974. Edited by Jerome Kowal. Pp. 1-116. Subscription:— Vol. 1 (6 issues) \$35. (Students and Individual professionals \$15. (New York: Marcel Dekker Journals.) [315]

Australian Journal of Plant Physiology. Vol. 1 No. 1, March 1974. Pp. xi + 1-175. Subscription \$A10 per annum. (4 issues) (Melbourne: Commonwealth Scientific and Industrial Research Organization, 1974.) [36]

Government of India. Report of the Department of Agricultural Research and Education, 1973/1974. Pp. ii + 142. (New Delhi: Department of Agricultural Research and Education, Ministry of Agriculture, 1974.) [36]

National Cancer Program. Report of the President's Cancer Panel, January 1973, submitted to the President of the United States. Pp. 15. (Bethesda, Md.: US Department of Health, Education and Welfare, Public Health Service, National Institute of Health, National Cancer Institute, 1974.) [36]

Machine Diagnosis and Information Retrieval in Medicine in the USSR. (A publication of the Geographic Health Studies, John E. Fogarty International Center for Advanced Studies in the Health Sciences.) Pp. viii + 138. (Bethesda, Md.: US Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, 1974.) [63]