

# announcements

## Award

**Lynn R. Sykes** has been awarded the **Walter H. Bucher Medal** by the American Geophysical Union for original contributions to the basic knowledge of the Earth's crust.

## Appointments

**P. J. Peterson** has been appointed Royal Society visiting professor attached to the School of Biological Sciences at the Universiti Sains Malaysia.

**James Brown**, area engineer for Africa and the Western Hemisphere, Shell International, has been appointed to the new chair of petroleum engineering at Heriot-Watt University.

The University of Sheffield has made the following appointments: **N. M. Atherton** to a personal chair in chemistry; **G. Hudson** to a personal chair in experimental haematology.

## Miscellaneous

**Heinz Karger Prize.** Heinz Karger Memorial Foundation invites papers on: methods for early diagnosis of genetic disorders (1976); and molecular biology of metabolic diseases (1977). Closing dates: February 28, 1976 and 1977. For conditions and further information, contact: S. Karger AG, Arnold-Böcklin-Strasse 25, CH-4011 Basle, Switzerland.

**Travel fellowships.** The Winston Churchill Memorial Trust offers travel grants for 1976. This year's list of categories includes: teachers in further education, laboratory technicians, energy resources, naturalists, and conservation of coastal amenities. Further information and applications (UK citizens only): The Winston Churchill Memorial Trust, 15 Queen's Gate Terrace, London SW7 5PR, UK.

## International meetings

August 21–23, **Gamete competition in plants and animals**, Lake Como, Italy (Dr D. Mulcahy, Università di Milano, Istituto di Genetica, Via Celoria, 10, 20133 Milano, Italy).

August 21–27, **Plant protection**, Moscow, USSR (Professor V. A. Lebedev, Secretary General of the Organising Committee of the Seventh International Congress of Plant Protection, Orlikov

per 1/11, Room 478, Moscow 107139, USSR).

August 22–29, **Limnology**, Winnipeg, Manitoba (Mr R. M. Raeburn, University Relations and Information Officer, The University of Manitoba, Winnipeg, Manitoba R3T 2N2, Canada).

August 23–27, **Rheology**, Gothenburg, Sweden (J. Kubat, Chairman, Organising Committee, Chalmers University of Technology, Fack, S-402 20, Goteborg 5, Sweden).

August 24–27, **Crystal growth**, Edinburgh, UK (F. W. Ainger, Allen Clark Research Centre, The Plessey Company Limited, Caswell, Towcester, Northamptonshire, UK).

August 25–29, **Atomic spectroscopy**, Clayton, Australia (Dr J. B. Willis, Secretary, Fifth International Conference on Atomic Spectroscopy, CSIRO Division of Chemical Physics, PO Box 160, Clayton, Victoria 3168, Australia).

August 25–29, **Thin films**, Budapest, Hungary (Organising Committee of ICT F3, 1325 Budapest, PO Box 76, Hungary).

August 25–29, **Cybernetics and systems**, Bucharest, Rumania (Dr J. Rose, Director General, World Organisation of General Systems and Cybernetics (WOGSC), College of Technology, Blackburn BB2 1LH, UK).

August 26–29, **Antivirals with clinical potential**, Stanford, California (Antivirals Symposium, Division of Infectious Diseases, Stanford University School of Medicine, Stanford, California 94305).

August 27–30, **Phonon scattering in solids**, Nottingham, UK (Phonon Conference Department of Physics University of Nottingham, Nottingham NG7 2RD, UK).

August 28–30, **New first and second messengers in nervous tissues**, Brescia, Italy (Dr M. Trabucchi, Scientific secretary, Institute of Pharmacology and Pharmacognosy, University of Milan, Via Andrea Del Sarto, 21, 20129, Milan, Italy).

August 29–31, **Function and metabolism of phospholipids in nervous tissue and Biochemical and pharmacological implications of ganglioside functions**, Perugia, Italy (Professor G.

Porcellati, Chairman, Organising Committee, Istituto di Chimica Biologica, Università di Perugia, Policlinico Monteluce, C.P. 3, Succ.3, Perugia, Italy).

August 31–September 5, **Charles Lyell centenary symposium**, London, UK (J. C. Thackray, Geological Museum, Institute of Geological Sciences, Exhibition Road, London SW7 2DE, UK).

## Reports and publications

### Great Britain

Proceedings of the Royal Irish Academy. Vol. 75, Section A. No. 5: Circumscribing Quadrics—a New Approach to the Problem of Statistical Discrimination. By I. G. O. Muircheartaigh. Pp.49-56. 24p. No. 6: The Nature of the Vortex Core. By P. D. McCormack. Pp.49-56. 24p. No. 6: The Nature of the Vortex Core. By P. D. McCormack. Pp.57-72. 30p. No. 7: Properties of the Variation. By P. McGill. Pp.73-78. 18p. No. 8:  $SL(2, C)$  and the Lorentz Group. By J. J. McMahon. Pp.79-83. 18p. Vol. 74, Section B. No. 4: Records of *Codium* Species in Ireland. By Hilda M. Parkes. Pp.125-134. 35p. No. 5: Sorption of Carbon Dioxide, and Ammonia by Zeolites Containing Univalent and Trivalent Cations. By B. Coughlan and S. Kilmartin. Pp.135-154. 45p. No. 6: The Old Red Sandstone Group of Iveragh, Co. Kerry. By J. G. Capewell. Pp.153-171. 37p. No. 7: Deep-Seated Igneous Intrusions in Co. Kerry. By D. W. Howard. Pp.173-183+plates 2 and 3. 46p. No. 8: Contributions to the Lichen Flora of South-East Ireland—I. By M. R. D. Seaward. Pp.185-205. 34p. No. 9: The Pattern of Glaciation of County Dublin. By P. G. Hoare. Pp.207-224. 48p. (Dublin: Royal Irish Academy, 1975.) [154]

The Achievement of Television. By Huw Wheldon. (BBC Lunch-Time Lectures, Ninth Series, 5.) Pp.18. (London: BBC, 1975.) [164]

The Institute of Fuel. Report and Accounts for 1974. Pp.12. (London: The Institute of Fuel, 1975.) [164]

Forestry Commission. Report on Forest Research 1974. Pp.vii+109+4 plates. £1.10 net. Fifty-Fourth Annual Report and Accounts, 1973/1974. Pp.102+6 plates. £1.05 net. (London: HMSO, 1974.) [184]

Memoirs of the Royal Astronomical Society. Vol. 78, Part 3: A Systematic Errors in the Velocities of Galaxies. By R. M. Lewis. Pp.75-100. (Oxford and London: Blackwell Scientific Publications, 1975. Published for the Royal Astronomical Society.) [184]

Bulletin of the British Museum (Natural History). Botany. Vol. 5, No. 3: The Marine Algae of Trinidad, West Indies. By W. D. Richardson. Pp.71-143+12 plates. £5.20. Entomology. Vol. 32, No. 1: A Revision of the African Ponerine Ant Genus *Psalidomyrmex* Andre (Hymenoptera: Formicidae). By B. Bolton. Pp.1-16. £1.30. Vol. 32, No. 2: The Butterflies Named by J. F. Gmelin (Lepidoptera: Rhopalocera). By R. I. Vane-Wright. Pp.17-64+6 plates. £3. Supplement 25: A Reclassification of the Arctiidae and Ctenuchidae Formerly Placed in the Thyretid Genus *Automolls*, with Notes on Warning Coloration and Sound. By A. Watson. Pp.104+34 plates. £9.75. (London: British Museum (Natural History), 1975.) [184]

The Zoological Record. 1970, Vol. 107, Section 6: Vermes, Part A. Compiled by Eileen Mitchell and R. A. Bray. Pp.vi+175. £6.65. 1971, Vol. 108, Section 4: Coelenterata. Compiled by the Staff of the Zoological Society of London. Pp.vii+62. £6. 1971, Vol. 108, Section 6: Vermes, Part C. Compiled by the Staff of the Zoological Society of London. Pp.vi+9. £3.75. 1971, Vol. 108, Section 8: Bryozoa (Polyzoa) and Entoprocta. Compiled by the Staff of the Zoological Society of London. Pp.vi+19. £3.75. 1971, Vol. 108, Section 9: Mollusca. Compiled by the Staff of the Zoological Society of London. Pp.viii+277. £10. 1971, Vol. 108, Section 12: Arachnida. Compiled by the Staff of the Zoological Society of London. Pp.vii+119. £7.50. 1971, Vol. 108, Section 14: Protochordata etc. Compiled by the Staff of the Zoological Society of London. Pp.viii+27. £6. (London: The Zoological Society of London, 1975.) [184]

Forestry Commission. Research and Development Papers. No. 108: Tree Growth on the South Wales Coalfield. By G. J. Mayhead, K. Broad and P. Marsh. Pp.iii+27. No. 109: Fertiliser Effects on the Growth and Composition of Sitka and Norway Spruce Nursery Transplants and on the Composition of a Podzol Profile After 15 Years Cropping. By Blanche Benjian, J. Bolton and J. K. Coulter. Pp.14. No. 110: Initial Spacing in Relation to Establishment and Early Growth of Conifer Plantations. By A. J. Low. Pp.14. (London: Forestry Commission, 1974.) [184]