

# obituary

## B. L. Astaurov

ACADEMICIAN BORIS L'VOVICH ASTAUROV, the eminent Soviet geneticist, died on June 21, 1974.

Astaurov was born in 1904, and was educated at the University of Moscow, where he studied under S. S. Chetverikov, the founder of the Soviet school of experimental genetics. Shortly after graduation, he began working on the heredity and genetics of silkworms, completing his first major work in 1937. A convinced anti-Lysenkoist, whose career suffered considerably during the years of Lysenkoism, Astaurov became a focus for the anti-Lysenkoist reaction. His 60th birthday party became a celebration of the fall of Lysenkoism and Astaurov played a significant part in the rebirth of Soviet genetics. He was elected President of the 'Vavilov' All-Union Society of Geneticists and Breeders in 1966.

## M. Reinhard

PROFESSOR MAX REINHARD, a leading authority on Feldspars, died on August 17, 1974. He was 92.

After acting as an assistant to Professor Duparc at the University of Geneva, he was appointed to the Chair of Mineralogy and Petrology at the University of Basel in 1923. He became Rektor of the University in 1943 and retired in 1952 with the title Professor Emeritus.

# Announcements

## Miscellaneous

United States Public Health Service International Postdoctoral Research Fellowships. Up to six awards may be made to Australians for research training in 'health-related' fields in the USA. Applications to the Executive Secretary, Australian Academy of Sciences, PO Box 216, Civic Square, ACT 2608, Australia.

The Worshipful Company of Scientific Instrument Makers/MIT Traveling Fellowship. The Fellowship is open to a suitably qualified graduate with appropriate experience who must be a British national. Full details and application forms are obtainable from the Clerk of the Worshipful Company of Scientific Instrument Makers, Alliance House, 12 Caxton Street, London W1H 0QY.

## International meetings

October 14–18, **Air Quality Management Systems**, Milan (Richard Tudway, International Institute for the Management of Technology, 59–63 Corso Magenta, Milan, Italy).

October 24, **Natural Products in Aquatic Environments**, London (Dr John F. Gibson, The Chemical Society, Burlington House, London W1V 0BN).

## Corrigendum

In the article "Exchange of neurotransmitter amino acid at nerve endings can stimulate high affinity uptake" by G. Levi and M. Raiteri (*Nature*, 250, 735; 1974) the sentence at lines 21–22, p. 737 should read: Net uptake, which may or may not have a high affinity component . . .

## Errata

In the article "Interaction of coherent electromagnetic waves with relativistic electrons in a medium" by S. Schneider and R. Spitzer (*Nature*, 250, 643; 1974) the following corrections should be made. In equation (2) the factor  $(\tau)\theta(\gamma\tau - \theta)$  should be replaced by  $\theta(\tau)\theta(\gamma\tau - \rho)$ . The relationship  $\epsilon = n^2$ , three lines above equation (2), should read  $\epsilon \neq n^2$ .

In the article "Nitrosoguanidine mutagenesis during nuclear and mitochondrial gene replication" by I. W. Dawes and B. L. A. Carter (*Nature*, 250, 709; 1974) Figs 1 and 4 were transposed. The legends were given correctly.

## Reports and publications

### Great Britain

It's Like This . . . 500 Years of Pictures for Science. (City of Nottingham Leisure Services—Nottingham Festival 1974.) Pp. 87. (Nottingham: The Castle Museum and Art Gallery, 1974.) 50p. [257]

University of Oxford. Annual Report of the Curators of the Bodleian Library for 1972–1973. Pp. 51. (Supplement No. 5 to the *University Gazette*, June 1974.) (Oxford: The University, 1974.) £1. [297]

The Epistemological and Behavioural Basis of Culturalism: a General Systems Approach. (A Study of the Principles of Social Control in the Light of a General Model of Behaviour.) By Edward Goldsmith. Pp. 27. (Wadebridge, Cornwall: Wadebridge Ecological Centre, 73 Molesworth Street, 1974.) 80p. [297]

Medical Research Council: Laboratory Animals Centre. Manual Series, No. 3: Survey of the Numbers and Types of Laboratory Animals Used in the United Kingdom in 1972. Pp. 16. (Carshalton, Surrey: M.R.C., Laboratory Animals Centre, 1974.) [297]

Philosophical Transactions of the Royal Society of London. B: Biological Sciences. Vol. 268, No. 891: The Electron Microscopy and Composition of Biological Membranes and Envelopes. A Discussion organized by R. Markham, R. W. Horne and R. Marian Hicks. Pp. 1–159 + plates 1–57. (London: The Royal Society, 1974.) [297]

Medical Research Council Annual Report, April 1973–March 1974. Pp. vi + 200 + 10 plates. (London: HMSO, 1974.) 97p net. [28]

Philosophical Transactions of the Royal Society of London. B: Biological Sciences. Vol. 268, No. 892: The Structure of the Stomatogastric Neuromuscular System in *Callinectes sapidus*, *Homarus americanus* and *Panulirus argus* (Decapoda Crustacea). By D. M. Maynard and M. R. Dando. Pp. 161–220. £2.15. Vol. 268, No. 893: A Discussion on Human Adaptability in a Tropical Ecosystem—An I.B.P. Human Biological Investigation of Two New Guinea Communities. Organized by G. A. Harrison and R. J. Walsh. Pp. 221–400. £6.20. (London: The Royal Society, 1974.) [58]

EMI Technology: a Profile of Technological Capability. Pp. 30. (Hayes, Middx.: EMI, Ltd., 1974.) [58]

University of Oxford. Ashmolean Museum—Report of the Visitors, 1972–73. Pp. 61. (Supplement No. 6 to the *University Gazette*). (Oxford: The University, 1974.) £1. [58]

British Nuclear Fuels, Ltd. Third Annual Report and Accounts, 1973–74. Pp. 26. (Risley, Warrington: British Nuclear Fuels, Ltd., 1974.) [58]

The Radiochemical Centre, Ltd., Amersham. Third Annual Report for year ended March 31, 1974. Pp. 16. (Amersham: The Radiochemical Centre, 1974.) [58]

The Medical Research Council of Ireland. Annual Report for the year ended December 31, 1973. Pp. 89. (Dublin: The Medical Research Council of Ireland, 1974.) 25p. [68]

Grassland Research Institute. Silver Jubilee Report, 1949/1974. Edited by C. R. W. Spedding and R. D. Williams. Pp. 186. (Hurley, Maidenhead: The Grassland Research Institute, 1974.) £2. [98]

Science Research Council. Computational Chemistry and Physics (Science Board. A joint report based on discussions of the Computational Chemistry and Physics Panels.) Pp. 42. (London: Science Research Council, 1974.) gratis. [98]

## Other Countries

Water Quality Abstracts, Vol. 2. Pp. 482. (La Jolla, California: Pollution Abstracts, Inc., 1974.) [58]

Plastic Containers for Pharmaceuticals—Testing and Control. By Jack Cooper. Pp. 204. (Geneva: World Health Organisation; London: HMSO, 1974.) Sw.fr. 32. [58]

Smithsonian Contributions to Zoology, No. 154: *Ataenius*, *Aphotaenius*, and *Pseudataenius* of the United States and Canada (Coleoptera: Scarabaeidae: Aphodiinae). By Oscar L. Cartwright. Pp. iv + 103 + 3 plates. \$1.85. No. 174 Three New Crustaceans from La Media Luna, San Luis Potosi, Mexico. By Alejandro Villalobos Figueroa and Horton H. Hobbs, jun. Pp. iii + 18. 30 cents. (Washington, DC: Smithsonian Institution Press, 1974. For sale by US Government Printing Office.) [58]

Berichte des Deutschen Wetterdienstes, Nr. 133: Numerische Simulation Hochreichender Feuchtkonvektion auf der Basis der Ursprünglichen Eulerschen Gleichungen. Von E. Müller. Pp. 141 + 22. (Offenbach a.M.: Selbstverlag des Deutschen Wetterdienstes, 1974.) [58]

Canada: Department of Energy, Mines and Resources. Geological Survey of Canada. Catalogue of Type Invertebrate Fossils of the Geological Survey of Canada, Vol. 5. Pp. 396. \$10. Bulletin 244: Middle Ordovician Ostracoda from Southwestern District of Mackenzie. By M. J. Copeland. Pp. 55 (9 plates). \$5. Paper 73–13: Rocks and Minerals for the Collector: Cobalt-Bellefleur-Timmins, Ontario and Quebec. By Ann P. Sabina. Pp. ix + 199. \$3. Paper 73–30: Rocks and Minerals for the Collector: Kirkland Lake-Noranda-Val d'Or, Ontario and Quebec. By Ann P. Sabina. Pp. viii + 162. \$3. Paper 74–1, Part B: Report of Activities, Part B, November 1973 to March 1974. Pp. 297. \$5. Paper 74–12: Tips on Organising Arctic Geological Field Work. By J. Wm. Kerr. p. 12. \$2. (Ottawa: Information Canada, 1974.) [58]

Sveriges Geologiska Undersökning. Avhandlingar och Uppsatser, Ser. C., Nr. 681: Isavsmalningens Forlopp i Jamtlands Wan. (Deglaciation of the County of Jamtlan, Central Sweden). By Jan Lundqvist. p. 187. (Stockholm: Sveriges Geologiska Undersökning, 1973.) [68]

Indian Forest Records, New Series. Entomology. Vol. 11, No. 2: Descriptions and Records of some Indian Psyllidae (Homoptera). By R. N. Mathur. Pp. 59–87. Rs. 160; 19p. \$0.58. Forest Pathology. Vol. 2, No. 11: Cultural Diagnosis of Indian Polytoraceae. 3. Genera *Daedalea*, *Favolus*, *Ganoderma*, *Hexagonia*, *Irpex*, *Lenzites*, *Merulius* and *Proia*. By Manjusrī Sen. Pp. 277–304 + 11 plates. Rs. 4.20; 50p; \$1.52. (Delhi: Manager of Publications, 1973.) [68]

United States Department of the Interior: Geological Survey. Bulletin 1394-D: Concepcion and Palma Escrita Formations, Western Puerto Rico. By David H. McIntyre. Pp. iii + 9. 30 cents. Water-Supply Paper 2098: Quality of Surface Waters of the United States, 1968. Parts 9 and 10: Colorado River Basin and The Great Basin. Pp. ix + 296. \$2.35. Water-Supply Paper 2100: Quality of Surface Waters of the United States, 1968. Parts 12–16: North Pacific Slope Basins, Alaska, Hawaii, and Other Pacific Areas. Pp. xii + 464. \$3.05. (Washington, DC: Government Printing Office, 1973 and 1974.) [68]

Commissariat a l'Energie Atomique, Paris Cedex. Rapport Annuel 1973. Pp. 95. Activités Scientifiques et Techniques 1973. Pp. 225. (Paris Cedex: Commissariat a l'Energie Atomique, 1974.) [68]

World Health Organisation. Technical Report Series, No. 543: Food-Borne Disease—Methods of Sampling and Examination in Surveillance Programmes: Report of a WHO Study Group. Pp. 50. (Geneva: WHO, London: HMSO, 1974.) Sw.fr. 5. [78]