

## Reports and publications

### Other countries—January

Indian Forest Records (New Series). Forest Management and Mensuration. Vol. 1, No. 2: Weight Table for *Anogeissus latifolia* (Roxb.) Bedd. (Based on the Data from Rajasthan.) By R. P. Sharma and R. C. Jain. Pp.3. Re.0.60; £0.07; \$0.22. Vol. 1, No. 3: General Standard Volume Tables for Jamun (*Syzygium cumini*). By R. P. Sharma and R. C. Jain. Pp.3. Re.0.80; £0.10; \$0.30. Vol. 1, No. 4: General Standard Volume Tables for Babul (*Acacia nilotica* ssp. *indica*). By R. P. Sharma and R. C. Jain. Pp.6. Re.0.80; £0.10; \$0.30. (Delhi: Controllor of Publication, 1977.) [271]

Académie Royale de Belgique. Mémoires de la Classe des Sciences. T.XLII, Fasc.4: Etude des Propriétés d'Oxydes Mixtes Solubles en Milieu Organique. Par T. Ouhadi, L. Hovks et J. P. Bioul. Pp.40. (Bruxelles: Académie Royale de Belgique, 1977.) [271]

National Roads Board, Wellington, New Zealand. RRU Technical Recommendation No. 2: Lime Stabilisation for New Zealand Roads. By R. J. Dunlop. RRY Bulletin No. 35: Skid Resistance of Surfacing. Pp.51. (Wellington: Road Research Unit, National Roads Board, 1977.) [271]

The Future of Scientific Ocean Drilling. (A Report by an ad-hoc Subcommittee of the JOIDES Executive Committee.) Pp.v+92. (Seattle, Washington: Joint Oceanographic Institutions Deep Earth Sampling, Department of Oceanography WB-10, University of Washington, 1977.) [301]

World Health Organization. The SI for the Health Professions. Prepared at the request of the Thirtieth World Health Assembly. Pp.75. Sw.fr.5; \$2.25. Technical Report Series, No. 615: The Selection of Essential Drugs—Report of a WHO Expert Committee. Pp.36. Sw.fr.5; \$2.25. (Geneva: WHO; London: HMSO, 1977.) [311]

National Roads Board, Wellington, New Zealand. RRU Bulletin No. 34: The Development of Structural Continuity Between Precast Bridge Units. Prepared by L. G. Cormack and C. G. McLean. Pp.22+3 plates. (Wellington: National Roads Board, 1976.) [311]

Geological Survey of Canada. Bulletin 268: Permian Fusulinaceans and Stratigraphy at Blind Fiord, Southwestern Ellesmere Island. By W. W. Nassichuk and Garner L. Wilde. Pp.48+5 plates. (Ottawa: Geological Survey of Canada, 1977.) \$6. [311]

United States Department of the Interior: Geological Survey. Professional Paper 956: Geology of the Minturn 15-Minute Quadrangle, Eagle and Summit Counties, Colorado. By Ogen Tweto and Thomas S. Lovering. Pp.iv+96+1 plate. (Washington, DC: US Government Printing Office, 1977.) [311]

### UK & Ireland—February

Handbook of British Medical Research Charities. Pp.35. (London: The Association of Medical Research Charities, c/o The Wellcome Trust, 1 Park Square West, NW1, 1978.) [12]

Health and Safety Executive. Guidance Note GS6: Avoidance of Danger from Overhead Electric Lines. Pp.7. (London: HMSO, 1977.) 30p net. [22]

National Radiological Protection Board. NRPB-R70: Doses in Radiation Accidents Investigated by Chromosome Aberration Analysis. VIII: A Review of Cases Investigated—1977. By D. C. Lloyd, R. J. Purrott, J. S. Prosser, A. A. Edwards, G. W. Dolphin, A. D. White, E. J. Reeder, C. M. White, S. J. Cooper, B. D. Stephenson and P. A. Tipper. Pp.18. (Harwell, Didcot: National Radiological Protection Board, 1978. Available from HMSO, London.) £1. [22]

Department of Health and Social Security. In-patient Statistics from the Mental Health Enquiry for England 1975. (Statistical and Research Report Series, No. 20.) Pp.138. (London: HMSO, 1978.) £3.75 net. [32]

Department of the Environment. Department of Transport, Transport and Road Research Laboratory Report 799: Car Ownership Trends and Forecasts. By J. C. Tanner. Pp.117. (Crowthorne, Berkshire: Access and Mobility Division, Transport Operations Department, Transport and Road Research Laboratory, 1977.) [32]

Public Health Laboratory Service. Annual Report for 1976. Pp.70. (London: Public Health Laboratory Service, 61 Colindale Avenue, NW9, 1977.) [62]

Office of Population Censuses and Surveys. Occupational Mortality 1970–1972, England and Wales. Decennial Supplement. (Series DS No. 1.) Pp.xviii+224. (London: HMSO, 1978.) £4.75 net. [62]

The Universities Central Council on Admissions. Fifteenth Report, 1976/1977. Pp.25. (Cheltenham, Glos.: The Universities Central Council on Admissions, PO Box 28, 1978.) 65p. [62]

Proceedings of the Royal Irish Academy. Section A: Mathematical and Physical Sciences. Vol. 77, No. 7: On Topologies Associated with Nachbin Topology. By Ph. Noverraz. Pp.85–95. (Dublin: Royal Irish Academy, 1977.) £1.10. [62]

Health and Safety Executive. Final Report of the National Committee on Steep Seam Working in British Coal Mines. Pp.23. (London: HMSO, 1978.) 60p net. [62]

Philosophical Transactions of the Royal Society of London. B: Biological Sciences. Vol. 282, No. 986: On Some Variations in the Latero-Sensory Lines of the Placoderm Fish *Bothriolepis*. By W. Graham-Smith. On the Lateral Lines and Dermal Bones in the Parietal Region of Some Crossopterygian and Dipnoan Fishes. By W. Graham-Smith. Pp.1–105+plates 1–6. UK £8.10; Overseas £8.35. Vol. 282, No. 987: Structure

and Functional Development of the Eel *Leptocephalus Arisoma balearicum* (De La Roche, 1809). By W. H. Hulet. Pp.107–138+plates 1–30. UK £8.05; Overseas £8.30. Vol. 282, No. 988: The Size, Structure and Distribution of the Giant Tortoise Population of Aldabra. By D. Bourn and M. Coe. Pp.139–175+1 plate. UK £2.65; Overseas £2.75. (London: The Royal Society, 1978.) [162]

The Burren: a Map of the Uplands of North-West Clare, Eire. By T. D. Robinson. (London: T. D. Robinson, 26, Quex Road, West Hampstead, NW6, 1978.) £1.20. [172]

Office of Population Censuses and Surveys. Statistics of Infectious Diseases 1976, England and Wales. (Series MB2, No. 3.) Pp.ix+50. (London: HMSO, 1978.) £1.75 net. [172]

Mental Health Film Council. Films and Videotapes in Distribution. Pp.103. (London: Mental Health Film Council, 22 Harley Street, W1, 1977.) [132]

Family Planning Drop-Outs Reconsidered: a Critical Review of Research and Research Findings. By Philip Kreager. (Research for Action, No. 3.) Pp.162. (London: International Planned Parenthood Federation, 18–20 Lower Regent Street, SW1, 1977.) £1.95; \$3.75. [132]

Proceedings of the Royal Irish Academy, Section B: Biological, Geological and Chemical Science. Vol. 77, B, No. 12: Littoral and Benthic Investigations on the West Coast of Ireland—VII. (Section A: Faunistic and Ecological Studies.) The Biology of the Shanny, *Blennius pholis* L. (Pisces) at Catua, Connemara. By J. Dunne. Pp.207–226. (Dublin: Royal Irish Academy, 1977.) £1.28. [132]

The British Hydromechanics Research Association. Annual Report for 1977. Pp.40. (Cranfield, Bedford: The British Hydromechanics Research Association, 1978.) [152]

Institute of Geological Sciences. Bulletin 56: Aquifer Properties of Permo-Triassic Sandstones in the United Kingdom. By P. E. R. Lovelock. Pp.iv+50. £4 net. Bulletin 57: Stratigraphy of the Steeple Aston Borehole, Oxfordshire. By E. G. Poole. Contributions by D. E. Butler *et al.* Pp.iv+85. £6 net. Bulletin 59: The Institute of Geological Sciences Borehole at Duffield, Derbyshire. By N. Aitkenhead. Petrology of the Intrusive Igneous Rocks in the Duffield Borehole, Derbyshire. By R. K. Harrison. Pp.ii+59. £5.25 net. Bulletin 62: The Lithostratigraphy and Micropaleontology of the Upper Lias at Empingham, Rutland. By A. Horton and Brenda E. Coleman. The Lithostratigraphy of Three Geophysical Marker Horizons in the Lower Lias of Oxfordshire. By A. Horton and E. G. Poole. A New Section Showing the Junction Between the Ludlow and Downton Series in the Much Wenlock Area, Shropshire. By D. E. White and B. C. Coppock. Catalogue of the Type, Figures and Cited Specimens in the King Collection of Permian Fossils. By J. Pattison. Pp.ii+45. £3.75 net. Bulletin 63: The Hanghill Farm (1970) Borehole, South Derbyshire Coalfield. By B. C. Worssam. Pp.ii+17. £2.50 net. (London: HMSO, 1977.) [152]

What Choice Windscale?—The Issues of Reprocessing. By Czech Conroy. Pp.93. (London: Friends of the Earth; and the Conservation Society, 1978. Distributed by Publications Distribution Co-operative, 27 Clerkenwell Close, London, EC1.) £1 net. [162]

Work Organization: Swedish Experience and British Context. (Papers and commentaries from a conference sponsored by the SSRC and held at the Imperial College of Science and Technology, London, March 1974, with a postscript on some subsequent changes to 1977.) Pp.x+270. (London: Social Science Research Council, 1 Temple Avenue, EC4, 1978.) £2.50. [162]

University of Strathclyde. Annual Report, 1976/1977. Pp.128. (Glasgow: University of Strathclyde, Royal College, 204 George Street, 1978.) [172]

Philosophical Transactions of the Royal Society of London. A: Mathematical and Physical Sciences. Vol. 288, No. 1350: Creep of Engineering Materials and of the Earth. A Discussion organized by A. Kelly, FRS, Alan H. Cook, FRS, and G. W. Greenwood. Pp.1–236+plates 1–7. UK £16.50; Overseas £17. Vol. 288, No. 1351: The Representation Groups and Projective Representations of the Point Groups and Their Applications. By L. L. Boyle and Kerie F. Green. Pp.237–269. UK £3.75; Overseas £3.85. (London: The Royal Society, 1978.) [172]

*Journal of Social and Biological Structures*: Studies in Human Sociobiology. Vol. 1, No. 1, January 1978. Pp.1–116. Chief Editors: Harvey Wheeler and James F. Danielli. Published quarterly. Subscriptions: Inland £14.50; Overseas £18.50; USA \$35. (London and New York: Academic Press, 1978.) [202]

Proceedings of the Royal Irish Academy. Section B: Biological, Geological and Chemical Science. Vol. 77, B, Number 13: The Mollusca of Acid Woodland in West Cork and Kerry. By M. J. Bishop. Pp.227–244. (Dublin: Royal Irish Academy, 1977.) £1.28. [202]

British Union-Catalogue of Periodicals, incorporating World List of Scientific Periodicals. New Periodicals Titles. (1977. No. 4.) Pp.37. (London: Butterworths, 1977.) [202]

Proceedings of the Royal Irish Academy. Section B: Biological, Geological and Chemical Science. Vol. 77, B, No. 14: The Relationship Between Temperature, Salinity and Chaetognaths in the Galway Bay Area of the West Coast of Ireland. By F. I. O'Brien. Pp.245–252. (Dublin: Royal Irish Academy, 1977.) 63p. [212]

Philosophical Transactions of the Royal Society of London. B: Biological Sciences. Vol. 282, No. 989: A Further Account of the Triassic Mammals. By F. R. Partington, FRS. Pp.177–204+plates 1–3. (London: The Royal Society, 1978.) UK £2.45; Overseas £2.55. [222]

Centre for Agricultural Strategy. CAS Report No. 2: Phosphorus—A Resource for UK Agriculture. Pp.64. (Reading: Centre for Agricultural Strategy, University of Reading, 1978.) [232]

Public Disorder and Sporting Events. (A Report by

a Joint Panel of the Sports Council and the Social Science Research Council.) Pp.iv+59. (London: SSRC, 1978. Available from SGPC, Darby House, Blechingley Road, Mersham, Redhill, Surrey.) £1.50. [242]

Friends of the Lake District. Report and News Letter. Spring, 1978. Pp.38. (Staveley, Kendal: Friends of the Lake District, 1978.) [272]

University of Cambridge. Annual Report of the Institute of Astronomy, 1976/1977. Pp.25. (Cambridge: The University, 1978.) [272]

Tate and Lyle. Annual Report of Group Research and Development for 1977. Pp.36. (Reading, Berks: Tate and Lyle, Ltd., 1978.) [272]

Office of Population Censuses and Surveys: Social Survey Division. Infant Feeding 1975: Attitudes and Practice in England and Wales. By Jean Martin. (A Survey carried out on behalf of the Department of Health and Social Security.) Pp.xii+173. (London: HMSO, 1978.) £7 net. [282]

### Other Countries—February

World Health Organization. Guide to Hygiene and Sanitation in Aviation. By James Bailey. Pp.170. (Geneva: WHO; London: HMSO, 1977.) Sw.fr.28; \$12.60. [12]

United States Department of the Interior: Geological Survey. Professional Paper 533: Cenozoic Fossil Mollusks from Western Pacific Islands; Gastropods (Eratoidae through Harpidae). By Harry S. Ladd. Pp.iv+84+23 plates. (Washington, DC: US Government Printing Office, 1977.) [12]

Australia: Commonwealth Scientific and Industrial Research Organization. Annual Report of the Minerals Research Laboratories, 1976/1977. Pp.94. (East Melbourne: CSIRO, 1977.) [22]

Australia: Department of Defence. Materials Research Laboratories. Reports. MRL-R-698: Antifouling Activity of Phototoxic Compounds and Experimental Polymeric Algicides. By R. W. Pettis, A. T. Phillip, G. C. Smith and L. V. Wake. Pp.25. MRL-R-695: The Accuracy of Curve Fitting Procedures for the Determination of the Rate Constant for Reactivation of an Acylated Esterase. By R. M. Dawson, W. M. Harper and H. A. Kellock. Pp.18. (AScot Vale, Victoria: Materials Research Laboratories, P.O. Box 50, 1977.) [22]

International Atomic Energy Agency. Isotopes in Day to Day Life. Pp.64. (Vienna: International Atomic Energy Agency, 1977.) [22]

US Department of Health, Education and Welfare. Public Health Service. National Institute of Health—Annual Report of International Activities Fiscal Year 1976. Pp.vii+117. (Bethesda, Md.: National Institutes of Health, 1977.) [62]

Fisheries and Environment Canada. Fisheries and Marine Service Technical Reports. No. 737: Uptake and Excretion of Chlorinated and Brominated Hydrocarbons by Fish. By V. Zitko. Pp.iii+14. No. 747: Eggs, Larvae and Juveniles of Fishes from Plankton Collections in the Gulf of St. Lawrence during 1972 to 1975. By A. C. Kohler, D. J. Faber and N. J. McFarlane. Pp.v+180. (St. Andrews, NB.: Biological Station, Fisheries and Marine Service, 1977.) [62]

Local Responses to Global Problems: A Key to Meeting Basic Human Needs. By Bruce Stokes. (Worldwatch Paper No. 17.) Pp.64. (Washington, DC: Worldwatch Institute, 1776 Massachusetts Avenue, N.W., 1978.) \$2. [72]

Institut de France. Académie des Sciences Annuaire pour 1967. Pp.190. (Paris: Gauthier-Villars, 1978.) [72]

The Marine Geophysical Data Exchange Format—MGDF77 (Bathymetry, Magnetics and Gravity). (Key to Geophysical Records Documentation No. 10.) Compiled by Allen M. Hittelman *et al.* Pp.v+18. (Boulder, Colorado: US Department of Commerce, National Oceanic and Atmospheric Administration, National Geophysical and Solar-Terrestrial Data Center, 1977.) [72]

United States Department of the Interior: Geological Survey. Professional Paper 1036: Steller's Sea Cow (*Hydrodamalis gigas*) of Late Pleistocene Age from Amchitka, Aleutian Islands, Alaska. By Frank C. Whitmore, Jr., and L. M. Gard, Jr. Pp.iii+19+plates 1–8. Professional Paper 1026: Revisions of *Ulmus* and *Zelkova* in the Middle and Late Tertiary of Western North America. By Toshimasa and Jack A. Wolfe. Pp.iii+14+plates 1–4. (Washington, DC: US Government Printing Office, 1977.) [72]

Geological Survey of Western Australia. Mineral Resources Bulletin No. 10: Heavy Mineral Sand Deposits of Western Australia. By J. L. Baxter. Pp.147. Publications Catalogue, 1977. Pp.34. Annual Report for 1976. Pp.76. (Perth: Geological Survey of Western Australia, 1977.) [132]

Schweizerisches Institut für Nuklearforschung. SIN Physics Report, No. 2. Pp.vii+127. (Villigen, Switzerland: SIN, Information-Dokumentation Group, 1977.) [142]

Anuario del Observatorio Astronómico de Madrid para 1978. Pp.422. (Madrid: Observatorio Astronómico de Madrid, 1978.) [142]

National Research Council Canada. Annual Report on Scholarships and Grants in Aid of Research, 1976/1977. Pp.xiii+595. (Ottawa: National Research Council Canada, 1977.) \$2.50. [142]

Publications of the Finnish Geodetic Institute. No. 85: On the Tide-Generating Forces. By Markku Heikkinen. Pp.150. Reports of the Finnish Geodetic Institute. 77-4: Description and Operation of a Satellite Laser System. By Seppo J. Halme and Juhani Kakkuri. Pp.66. 77-5: A Fast Subnanosecond Rise Time Electro-Optic Shutter for the Shortening of a Q-Switched Ruby Laser Pulse. By Matti V. Paunonen. Pp.14. 77-6: Guiding and Data Processing System of the Finnish Satellite Laser Range Finder. By Kari Kalliomäki. Pp.41. (Helsinki: Geodeettinen Laitos, Pasilankatu 43 A, 1977.) [152]