

# Reports and Publications

not included in the Monthly Books Supplement

## Great Britain and Ireland

Department of Trade and Industry. Report on Research and Development 1972-73. Pp. iii+61. (London: HMSO, 1973.) 65p net. [257]

British Association for the Advancement of Science. Annual Report, 1972/1973. Pp. 16. (London: British Association for the Advancement of Science, 1973.) [277]

Annual Report on the Meteorological Office, 1972. Pp. xii+120. (London: HMSO, 1973.) £1 net. [307]

National Radiological Protection Board, NRPB-R14: A Model for the Evaluation of the Deep Ocean Disposal of Radioactive Waste. By G. A. M. Webb and F. Morley. Pp. 23. (Harwell, Didcot: National Radiological Protection Board, 1973.) [317]

British Nuclear Fuels Limited. Second Annual Report and Accounts, 1972/1973. Pp. 24. (Risley, Warrington: British Nuclear Limited, 1973.) [18]

Energy for the Future—Report from the Working Party authorised by the Council of the Institute of Fuel. Pp. viii+28. (London: The Institute of Fuel, 18 Devonshire Street, W1, 1973.) [18]

Philosophical Transactions of the Royal Society of London. A: Mathematical and Physical Sciences. Vol. 274, No. 1241: Numerical Solutions of the Kinematic Dynamo Problem. By D. Gubbins. Pp. 493-521. £1.10; \$3.15. Vol. 274, No. 1242: On the Kinetic Theory of Wave Propagation in Random Media. By M. S. Howe. Pp. 523-549. 95p; \$2.70. Vol. 274, No. 1243: World-wide Distribution of Geomagnetic Tides. By S. R. C. Malin. Pp. 551-594. £1.60; \$4.50. (London: The Royal Society, 1973.) [78]

Department of Education and Science. Scientific Research in British Universities and Colleges, 1972-73. Volume 1, Part 1: Physical Sciences, Sections 1-16. Pp. xxii+1-434. Volume 1, Part 2: Physical Sciences, Sections 17-36. Pp. 435-1025. £7 net. Volume 2: Biological Sciences. Pp. xxi+809. £6 net. Vol. 3: Social Sciences (Including Government Departments and Other Institutions). Pp. xxx+751. £6 net. (London: HMSO, 1973.) [98]

Philosophical Transactions of the Royal Society of London. A: Mathematical and Physical Sciences. Vol. 274, No. 1244: The Geology of the Bristol Channel Floor. By A. J. Lloyd, R. J. G. Savage, A. H. Stride, and D. T. Donovan. Pp. 595-626+plates 5-7. £1.75; \$4.90. Vol. 274, No. 1245: The Thermodynamics of the Titanium+Oxygen System: an Isothermal Gravimetric Study of the Composition Range Ti<sub>2</sub>O<sub>3</sub> to TiO<sub>2</sub> at 1304K. By R. R. Merritt and B. G. Hyde, and, in part, L. A. Bursill and D. K. Philp. Pp. 627-661. £1.40; \$3.90. (London: The Royal Society, 1973.) [98]

Philosophical Transactions of the Royal Society of London. A: Mathematical and Physical Sciences. Vol. 274, No. 1246: Fixed Nuclei Two-Centre Problem in Quantum Mechanics. By J. D. Power. Pp. 663-702. £1.25; \$3.50. Vol. 275, No. 1247: On Wave-Induced Stress in a Ship Executing Symmetric Motions. By R. E. D. Bishop and R. Eatock Taylor. Pp. 1-32. (London: The Royal Society, 1973.) [298]

Philosophical Transactions of the Royal Society of London. B: Biological Sciences. Vol. 265, No. 872:

Organization of the Outer Synaptic Layer in the Retina of the Larval Tiger Salamander. By A. Lasansky. Pp. 471-489+plates 47-56. (London: The Royal Society, 1973.) £1.75; \$4.90. [318]

Natural Environment Research Council. Report of the Council for the period 1 April, 1972-31 March, 1973. Pp. v+168+12 plates. (London: HMSO, 1973.) £1.20 net. [189]

Proceedings of the Royal Irish Academy. Vol. 73, Section A, No. 11: The Production of Condensation Nuclei by Alpha Radiation. By T. P. Burke and J. A. Scott. Pp. 151-158. 14p. Vol. 73, Section B, No. 11: The Stratigraphy of the Middle and Upper Dalradian Succession Between Glengad Head and Greencastle, Inishowen, Co. Donegal. By J. C. Roberts. Pp. 151-164. 18p. (Dublin: Royal Irish Academy, 1973.) [209]

The Ridgeway Path. (London: The Countryside Commission, 1973.) *Gratis*. [209]

The Law of the Sea. By Elizabeth Young and Brian Johnson. (Fabian Research Series, No. 313.) Pp. 48. (London: Fabian Society, 1973.) 50p. [219]

Sub-Atomic Particles: a New Approach. By Gerald Metcaw. (Review Monograph (Physics), No. 1.) Pp. 12. (Harlow, Essex: Gerald Metcaw, 224 Nicholls Tower, 1973.) 80p. \$2. [219]

## Other Countries

International Atomic Energy Agency. Annual Report, 1 July 1972-30 June 1973. Pp. 75. The Agency's Budget for 1974. Pp. 105. (Vienna: International Atomic Energy Agency, 1973.) [108]

US Environmental Protection Agency. Action for Environmental Quality. Pp. 20. (Washington, DC: US Environmental Protection Agency, 1973.) [1178]

*Pramana: a Journal of Physics*, Vol. 1, No. 1, July 1973. Pp. 1-60. Edited by S. Ramaseshan and B. M. Udagankar. Annual subscription rates: Foreign: Institutions and Libraries \$30 or £12; individuals \$20 or £8. Domestic: Institutions and Libraries Rs.75; individuals Rs.25; members of IPA Rs.20; bona fide students Rs.10. Published monthly. (Bangalore: Indian Academy of Sciences, in collaboration with the Indian Physics Association and the Indian National Science Academy.) [218]

United States Department of the Interior: Geological Survey. Professional Paper 766: Foraminifera of the North Pacific Ocean. By Patsy B. Smith. Pp. iii+27+plates 1-4. (Washington, DC: Government Printing Office, 1973.) 85 cents. [298]

World Directory of Medical School/Répertoire Mondial des Ecoles de Médecine, 1970. Pp. 147. (Geneva: WHO; London: HMSO, 1973.) 20 Sw.francs: £2.50; \$6. [179]

Records of the Australian Museum, Vol. 28, No. 15: The Alpheid Shrimp of Australia, Part 1: The Lower Genera. By Dora and Albert H. Banner. Pp. 291-382. (Sydney: The Australian Museum, 1973.) \$4. [179]

United States Department of the Interior: Geological Survey. Bulletin 1258-E: A New Method for the Determination of Three-Dimensional Deformation Anisotropy in Rock Specimens. By Richard A. Farrow. Pp. iii+12. 25 cents. Bulletin 1372-H: Lower and Middle Tertiary Stratigraphic Units of the San Emigdio and Western Tehachali Mountains,

California. By T. H. Nilsen, T. W. Dibble, Jr., and W. O. Addicott. Pp. iii+23. 35 cents. Bulletin 1376: Some Results of Geochemical Sampling in McCormick County, South Carolina. By Henry Bell, III. Pp. iv+22+plates 1-5. \$1.75. Professional Paper 532: Cenozoic Fossil Mollusks from Western Pacific Islands; Gastropods (Turritellidae Through Strombidae). By Harry S. Ladd. Pp. iv+80+plates 1-20. \$1.50. (Washington, DC: Government Printing Office, 1972 and 1973.) [249]

Publications du Centre National pour l'Exploitation des Océans (CNEXO). Serie: Rapports Scientifiques et Techniques. No. 16: Etude non Linéaire des Ondes Internes dans un Milieu a Deux Couches Fluides sans Rotation. Par Alain G. Cavanic. Pp. 11. No. 17: Etude non Linéaire des Ondes Internes dans un Milieu a Deux Couches Fluides en Rotation. Par Michel Arhan. Pp. 14. (Paris: Centre National pour l'Exploitation des Océans, 1973.) [249]

Smithsonian Contributions to the Earth Sciences. No. 10: Mineralogy, Mineral-Chemistry, and Composition of the Murchison (C2) Meteorite. By Louis H. Fuchs, Edward Olsen and Kenneth J. Jensen. Pp. iii+39. 75 cents. Smithsonian Contributions to Zoology. No. 143: Bibliography and Zoological Taxa of Paul Bartsch. By Florence A. Ruhoff. With a Biographical Sketch by Harald A. Rehder. Pp. v+166. \$2.85. No. 151: Revision of Corophiidae and Related Families (Amphipoda). By J. Laurens Barnard. Pp. iv+27. 55 cents. No. 152: Evolution of the Rails of the South Atlantic Islands (Aves: Rallidae). By Storrs L. Olson. Pp. iii+53 (11 plates). 95 cents. No. 153: Western Atlantic Shrimps of the Genus *Solenocera*, with Description of a New Species (Crustacea: Decapoda: Penaeidae). By Isabel Perez Farfante and Harvey R. Bullis, Jr. Pp. 33. 65 cents. (Washington, DC: Smithsonian Institution Press, 1973. For sale by US Government Printing Office.) [259]

*Evolutionary Theory*, Vol. 1, No. 1, July 1973. Pp. 1-50. Edited by Isidore Nahi. Subscriptions: All subscriptions from Latin America, Asia, Eastern Europe, and Africa (except South Africa and Rhodesia) \$6. Institutions elsewhere \$15. Individuals elsewhere \$10. Students \$6. Single copies \$4. (Chicago: *Evolutionary Theory*, Biology Department, 1103 E. 57th Street, The University of Chicago, 1973.) [269]

Republique Française. Office de la Recherche Scientifique et Technique Outre-Mer. ORSTOM. Travaux et Documents de l'ORSTOM. No. 19: Les Eaux du Pacifique Occidental à 170° E entre 20° S et 4° N: Coupes et Cartes par es Océanographes du Centre ORSTOM de Nouméa. Par H. Rotschi, Ph. Hisard et F. Jarrige. Pp. 113. 24 francs. No. 21: Economie Urbaine d'Antsirabe (Madagascar—1966-1969). Pp. 153. 40 francs. No. 22: Etude Ethologique et Bioécologique du Peuplement d'Insectes dans un Verger Naturel. Par G. Couturier. Pp. 96. 30 francs. No. 23: Les Plantes Médicinales de la Nouvelle-Calédonie. Par Jean Ragueau. Pp. 139. 42 francs. Mémoire ORSTOM No. 64: Ecologie de *Glossina Palpalis Gambiensis* Vanderplank, 1949. (Diptera: Muscidae) en Savane d'Afrique Occidentale. Par A. Chailier. Pp. iv+274. 100 francs. Faune Tropicale XIX: Les Crevettes Profondes de l'Atlantique Oriental Tropical. Par A. Crosnier et J. Forest. Pp. 408. (Paris et Bondy: Office de la Recherche Scientifique et Technique Outre-Mer, 1972 et 1973.) [289]

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