

collaborators) four successive atlases of the Moon, based first on observations from Earth and then from space vehicles, and these played a vital role in choosing sites for Apollo landings. All this effort was inspired by the hope of ultimately elucidating the origin of the solar system.

With the astronomer Barbara M. Middlehurst, Kuiper edited the two famous series *The Solar System* (four of its five volumes are published), and *Stars and Stellar Systems* (seven of its nine volumes are published). Indeed, astronomers have seemed to be more excited when a new Middlehurst-Kuiper volume appeared than they were when quasars or pulsars were discovered.

## Announcements

### Appointments

The Council of the University of Bristol has appointed D. C. Smith, of the Department of Agricultural Science of the University of Oxford, to the Melville Wills Chair of Botany.

### Erratum

In the article "Fluctuations in oil flow before and after earthquakes" by E. Arieh and A. M. Merzer (*Nature*, 247, 534; 1974) the former author is at the Seismological Laboratory, Geological Survey of Israel, Jerusalem and the latter at the Department of Environmental Sciences, University of Tel Aviv.

### International Meetings

April 15-19, **9th International Symposium on Remote Sensing of the Environment** (Extension Service, Conference Department, The University of Michigan, Ann Arbor, Michigan 48104)

April 16-17, **The Application of Chemical Engineering to the Treatment of Sewage and Industrial Liquid Effluents** (Dr D. Geldart, Postgraduate School of Studies in Chemical Engineering, University of Bradford, Yorkshire)

April 16-18, **Optical and Acoustical Microelectronics** (Jerome Fox, Polytechnic Institute of Brooklyn, MRI Symposium Committee, 333 Jay Street, Brooklyn, New York 11201)

April 16-18, **University of Dacca Physics Symposium** (Professor A. M. Harunar Rashid, Organising Secretary,

Physics Department, University of Dacca, Dacca 2, Bangladesh)

April 17-19, **2nd Conference on Negative Ions** (The Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1X 8QX)

April 18-19, **Annual Congress and Scientific Exhibition of the British Institute of Radiology** (The General Secretary, The British Institute of Radiology, 32, Welbeck Street, London W1M 7PG)

April 22-24, **1st International Conference of the Aslib Transport and Planning Group** (Mr C. C. Parker, The Library, University of Southampton, Southampton SO9 5NH, UK)

April 22-25, **Joint American Physical Society and Optical Society of America Meeting** (The American Institute of Physics, 335 East 45 Street, New York 10017)

April 22-26, **Biochemische Analytik 74** combined with **1st European Congress of Clinical Chemistry** (Secretary General, Dr Rosmarie Vogel, D-8000 Munchen 2, Nussbaumstrasse 20, West Germany)

April 22-26, **Conference on Anomalous Scattering** (S. C. Abrahams, (International Union of Crystallography), Bell Laboratories, Murray Hill, New Jersey 07974)

April 22-26, **The Engineer in Society** (EUROCON '74, c/o Klvl, 23 Prinsessegracht, The Hague, The Netherlands)

April 22-26, **European Conference on Electrotechnics** (Mr G. Gaikhorst, c/o FME, Nassaulaan 13, The Hague, The Netherlands)

April 22-May 3, **Exploitation of Seismograph Networks** (International Advanced Study Institute, Sandefjord, Norway)

April 24, **Easter Lecture for Young People: Instant Energy-Heat Release with a Bang** (L. F. Linnett, Lecture Secretary, The Institute of Fuel, St Bernards House, St Bernards Road, Tonbridge, Kent TN10 3NL)

April 24-25, **Conference on Rheology of Clays and Cement Pastes** (Dr G. H. Tattersall, Department of Building Science, University of Sheffield, Arts Tower, Sheffield S10 2TN)

April 28-May 2, **76th Annual Meeting and Exposition of the American Ceramic Society** (Dr Peter Hawkins, Program Chairman, California Portland Cement Company, Box 947, Colton California 92324)

April 30-May 2, **3rd International Cannabis Conference** (The Conference Secretary, Institute for the Study of Drug Dependence, Chandos House, 2, Queen Anne Street, London W1M 0BR)

## Reports and Publications

not included in the Monthly Books Supplement

### Great Britain and Ireland

Council for Academic Freedom and Democracy. **Annual Report 1972-1973**. Pp. 16. (London: Council for Academic Freedom and Democracy, 1973.) [1511]  
 Meteorological Office. **Geophysical Memoirs No. 119: A Climatology of the Stratosphere Over North-West Europe**. By R. A. Hamilton, B. D. Mason and G. C. Bridge. (Met.O.864a.) Pp. 37. (London: HMSO, 1973.) £2.10 net. [1611]  
 Arthritis: a Vitamin Deficiency Disease. By Dr E. C. Barton-Wright. Pp. 32. (London: United Trade Press Ltd, 1973.) £1.25. [412]  
 The Pittdown Man Hoax. (Palaeontology Leaflet No. 2.) Pp. 7. (London: British Museum (Natural History), 1973.) 7p. [412]  
 Patterns of Growth. By Jerome S. Bruner. (Inaugural Lecture delivered before the University of Oxford on 25 May 1973.) Pp. 22. (Oxford: Clarendon Press, 1974.) 50p net. [612]  
 The Medical Research Council of Ireland. **Annual Report for the year ended December 31, 1972**. Pp. 106. (Dublin: Medical Research Council of Ireland, 1973.) 25p. [612]  
 British Antarctic Survey. **Scientific Reports, No. 67: The Geology of Parts of the Bowman and Wilkins Coasts, Antarctic Peninsula**. By A. G. Fraser and P. H. Grimley. Pp. 59+8 plates. (London: British Antarctic Survey, 1972.) £2.80 net. [712]

### Other Countries

An Annotated Bibliography, 1797-1969. By Warren Addicott. Pp. iii+201. \$1.50. Bulletin 1374: Placer Deposits of Alaska. By Edward H. Cobb. Pp. vi+231+plate 1. \$3.10. Water-Supply Paper 2019-B: Generalization of Stream-Temperature Data in Washington. By M. R. Collings. Pp. iv+45. 30 cents. Water-Supply Paper 2092: Quality of Surface Waters of the United States, 1968. Part 2: South Atlantic Slope and Eastern Gulf of Mexico Basins. Pp. x+373. \$2.35. Professional Paper 526-C: Cretaceous and Early Tertiary Depositional and Tectonic History of the Livingstone Area, Southwestern Montana. By Albert E. Roberts. Pp. iv+120+plates 1-3. Professional Paper 306-E: Geology and Paleontology of Canal Zone and Adjoining Parts of Panama. Description of Tertiary Mollusks (Additions to Gastropods, Scaphopods, Pelecypods—Nuculidae to Malleidae). By W. P. Woodring. Pp. iii+453-539+plates 67-82. \$1.75. (Washington, DC: Government Printing Office, 1973.) [3010]  
 Animal Models of Human Disease: a Handbook. Pp. 98. (Reprints.) (Washington, DC: The Registry of Comparative Pathology, Armed Forces Institute of Pathology, 1973.) [3110]  
 Smithsonian Contributions to Zoology. No. 120: A Systematic Monograph of New World Ethmid Moths (Lepidoptera: Gelechioidea). By Jerry A. Powell. Pp. iv+302. (Washington, DC: Smithsonian Institution Press, 1973. For sale by US Government Printing Office.) \$3.85. [3110]  
 Nederlandse Vereniging voor Weer- en Sterrenkunde. **Observations of Variable Stars, January-June 1973**. (Report No. 24.) Pp. 7. (Groningen, Netherlands: Kapteyn Astronomical Laboratory, 1973.) [3110]  
 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. (Washington, DC: Smithsonian Institution Press, 1973. For sale by US Government Printing Office, 1973.) 75 cents. [611]  
 Ecology and Resource Development in Southeast Asia: a Report to the Ford Foundation. By Gordon Conway and Jeff Romm. Pp. 82. (New York: Ford Foundation, 320 East 43 Street, 1973.) [711]  
 Smithsonian Contributions to Zoology. No. 150: A Review of the Genus *Cancellus* (Crustacea: Diogenidae) with the Description of a New Species from the Caribbean Sea. By Barbara Shuler Mayo. Pp. iii+63. \$1.50. No. 151: Revision of Corophiidae and Related Families (Amphipoda). By J. Laurens Barnard. Pp. iv+27. 55 cents. (Washington, DC: Smithsonian Institution Press, 1973. For sale by US Government Printing Office.) [711]  
 United States Department of the Interior: Geological Survey. **Bulletin 1351: Geology and Description of the Thorium-Bearing Veins, Lemhi Oass Quadrangle, Idaho and Montana**. By Mortimer H. Staatz. Pp. iv+94+plates 1-4. Professional Paper 716-E: Distribution, Thickness and Lithology of Paleocene Rocks in Pakistan. By Charles R. Meissner, Jr., and Habib-ur Rahman. Pp. v+6+plates 1-4. \$1.25. (Washington, DC: Government Printing Office, 1972 and 1973.) [711]  
 The Coconut Industry Board, Jamaica, West Indies. **12th Report of the Research Department, July 1971-June 1972**. Pp. 65. (Kingston: Coconut Industry Board, 1973.) J\$2. 90p; US\$2.20. [811]  
 Bulletin of the American Museum of Natural History. Vol. 152, Article 2: Revision of Ground Beetles of American Genus *Cychrus* and Four Subgenera of Genus *Scaphinotus* (Coleoptera, Carabidae). By Tatiana Gidaspow. Pp. 51-102. (New York: American Museum of Natural History, 1973.) \$23.00. [1311]