

## Miscellaneous Publications

(Inquiries concerning these publications should be addressed, not to Science, but to the publisher or agency sponsoring the publication.)

**American Museum of Natural History.** *92nd Annual Report.* July 1960 to June 1961 (100 pp.). *Bulletin*, vol. 121, art. 3, "The frogs of eastern New South Wales," John A. Moore (385 pp., plates, \$6). vol. 122, art. 1, "Geographic variation in some reproductive characteristics of diurnal squirrels," Joseph Curtis Moore (32 pp. \$1); art. 2, pp. 37-185, "Cranial morphology of the Hadrosaurian dinosaurs of North America," John H. Osborn (\$2.50); art. 3, pp. 191-301, "A review of the bats of Trinidad and Tobago," George G. Goodwill and Arthur M. Greenhall (plates, \$4), art. 4, pp. 307-408, "A generic revision and phylogenetic study of the family Kalotermitidae (Isoptera)," Kumar Krishna (\$1.50); art. 5, pp. 413-464, "Pseudoscorpions from Colorado," C. Clayton Hoff (\$1). The Museum, New York, 1961.

**Association for Applied Solar Energy.** "Research frontiers in solar energy utilization, proceedings" (special issue of *Journal of Solar Energy*, September 1961). The Association, Arizona State Univ., Tempe, 1961. 59 pp. Illus. Papers presented during the 98th annual meeting of the National Academy of Sciences.

**British Museum (Natural History).** *Bulletin Geology*, vol. 5, No. 7, pp. 18-310, "The old red sandstone of Brown Clee Hill and the adjacent area," pt. 1, "Stratigraphy," Harold William Ball and David Lawrence Dinelle; pt. 2, "Paleontology," Errol Ivor White. The Museum, London, 1961. Plate. 70s.

**Canada, National Research Council.** "Building research, 1960." The Council, Ottawa, Canada, 1961. 89 pp. \$1.

**Colorado School of Mines.** *Quarterly*, vol. 56, No. 3, pts. 1 and 2, "Fiftieth anniversary of froth flotation in the U.S.A." Colorado School of Mines, Golden, 1961. 600 pp. Proceedings of a symposium held 17-20 September 1961.

**Geophysics Research Directorate.** *Research Notes*, No. 62, "Bibliography of lunar and planetary research, 1960 (with annotations)," John W. Salisbury and Lynne T. Salisbury (50 pp.); No. 63, "Flight information and experimental results of inflatable falling sphere system for measuring upper-air density," G. A. Faucher, R. W. Procnier, and C. N. Stark (29 pp.); No. 64, "Maximum winds and missile response," Henry A. Salmela and Arnold Court (8 pp.); No. 65, "Meteorological evaluation and application of rainfall radioactivity data," Per B. Storebo (27 pp.). The Directorate, Air Force Cambridge Research Laboratories, Bedford, Mass., 1961 (order from Office of Technical Services, Washington 25).

**Great Britain, Medical Research Council.** *Special Report*, No. 300, "Cerebral infarction: the role of stenosis of the extracranial cerebral arteries," Peter O. Yates and Edward C. Hutchinson. Her Majesty's Stationery Office, London, 1961. (order from British Information Services, New York). 95 pp. \$2.65.

**International Council of Scientific**

**Unions, Committee on Space Research.** "Cospar international reference atmosphere, 1961." Compiled by H. Kallman-Bijl, R. L. F. Boyd, H. Lagow, S. M. Poloskov, and W. Priester. North-Holland, Amsterdam; Interscience, New York, 1961. 189 pp. Illus. \$3.

**Joint Committee on Atomic Energy, Subcommittee on Research, Development, and Radiation.** Hearings before the 87th Congress. "Operations under the indemnity provisions of the Atomic Energy Act of 1954." Superintendent of Documents, GPO, Washington, D.C., 1961. 180 pp.

**Malayan Nature Society.** "Nature conservation in western Malaysia, 1961" (*Malayan Nature Journal*, 21st anniversary, special issue), J. Wyatt-Smith and P. R. Wycherley, Eds. The Society, Kuala Lumpur, Malaya, 1961. 260 pp. Paper, \$1.70; cloth, \$2.50.

**National Vitamin Foundation.** *Annual Report.* 1 January 1960-31 December 1960. The Foundation, New York, 1961. 131 pp.

**Oak Ridge Institute of Nuclear Studies.** *Fifteenth Annual Report.* The Institute, Oak Ridge, Tenn., 1961. 56 pp.

**San Diego Society of Natural History.** *Transactions*, vol. 12, No. 28. "Marine mollusks from Los Angeles Bay, Gulf of California." James H. McLean. pp. 449-476. The Society, San Diego, Calif., 1961.

**Smithsonian Institution.** *Annual Report*, 1960, 605 pp. *Contributions to Astrophysics*, vol. 4, No. 4, pp. 97-129, "Precision orbits of 413 photographic meteors" [corrected copy] Luigi G. Jacchia and Fred L. Whipple (\$0.25); vol. 5, No. 9, pp. 114-143, "Rotation of an earth satellite in flight along its orbit," Yusuke Hagihara (\$0.30). Supt. of Documents, GPO, Washington, D.C., 1961.

**Smithsonian Institution, Astrophysical Observatory.** *Research in Space Science*, Special Report No. 74, "On the accuracy of measurements made upon films photographed by Baker-Nunn satellite tracking cameras," Karoly Lassovsky (16 pp.); No. 75, "Density of the heterosphere related to temperature," Marcel Nicolet (30 pp.); No. 76, "Effects of the earth's ionosphere on HF radio astronomy from artificial satellites," M. D. Grossi, K. M. Strom, and S. E. Strom (16 pp.). Smithsonian Astrophysical Observatory, Cambridge 38, Mass., 1961.

**Smithsonian Institution.** *Miscellaneous Collections*, vol. 143, No. 5, "A long-range temperature forecast," C. G. Abbot. The Institution, Washington, D.C., 1961. 46 pp.

**Tulane Studies in Zoology.** vol. 9, No. 1, "Larval trematodes from the Apalachee Bay area, Florida, with a checklist of known marine Cercariae arranged in a key to their superfamilies," Rhodes B. Holliman. Tulane Univ., New Orleans, La., 1961. 74 pp. Illus. \$1.50.

**University of Kansas, Museum of Natural History.** *Miscellaneous Publications*, No. 27, "Land and fresh-water mammals of the Ungava Peninsula," Francis Harper. The Museum, Lawrence, Kan., 1961. 178 pp. \$2.

**University of Michigan, Museum of Zoology.** *Occasional Papers*, No. 620,

"Some effects of Volcán Parícutin on vertebrates," William Henry Burt (24 pp.); No. 621, "Two collections of birds from Campeche, Mexico," Robert W. Storer (20 pp.); No. 622, "Variation, life colors, and ecology of *Cichlasoma calloipis*, a cichlid fish from southern Mexico, with a discussion of the *Thorichthys* species group," Robert Rush Miller and Bernard C. Nelson (9 pp.); No. 623, "The glans penis in *Proechimys* and other caviomorph rodents," Emmet T. Hooper (18 pp.). The Museum, Ann Arbor, Mich., 1961.

**University of Puerto Rico, Institute of Caribbean Studies.** *Caribbean Studies*, vol. 1, No. 2. The University, Rio Piedras, P.R., 1961. 53 pp.

**U.S. Atomic Energy Commission.** TID-3562, "Cobalt in biological metabolism," a literature search compiled by Charlie M. Pierce (121 pp., \$2.50); TID-13358, "Offsite ecological research of the division of biology and medicine—terrestrial and freshwater" (138 pp., \$2.50); TID-7614, "Proceedings of the symposium on uranium carbides as reactor fuel materials" (held 4 April 1961) (153 pp., \$1.50). The Commission, Washington, D.C., 1961 (available from Office of Technical Services, Washington, D.C.).

**U.S. Bureau of Census.** *Foreign Social Science Bibliographies*, Series P-92, No. 3, "Bibliography of social science periodicals and monograph series: Mainland China, 1949-1960," compiled by Foreign Manpower Research Office. Superintendent of Documents, GPO, Washington, D.C., 1961. 32 pp. \$0.25.

**U.S. Coast and Geodetic Survey.** Publ. 62-1 "Tellurometer manual" (rev. ed.), Austin C. Poling. Superintendent of Documents, GPO, Washington, D.C., 1961. 76 pp. \$0.45.

**U.S. Geological Survey.** *Bulletin*, No. 1032-E, pp. 223-272, *Geology and Ore Deposits of Clear Creek, Gilpin, and Larimer Counties, Colorado: "Petrography of radioactive tertiary igneous rocks, Front Range mineral belt, Colorado," John D. Wells (Maps. 1960). Professional Paper*, No. 303-C, pp. 47-167, *Exploration of Naval Petroleum Reserve No. 4 and Adjacent Areas, Northern Alaska, 1944-53: "Geology of the Utukok-Corwin region, northwestern Alaska," (pt. 3) Areal Geology," Robert M. Chapman and Edward G. Sable (Maps. 1960); No. 305-K, pp. 569-644, "Core tests and test wells Barrow area, Alaska (pt. 5), Subsurface geology and engineering data," (Maps. 1961). No. 357, "Chattanooga shale and related rocks of central Tennessee and nearby areas, Louis C. Conant and Vernon E. Swanson. (91 pp. Maps. 1961). Superintendent of Documents, GPO, Washington, D.C.*

**U.S. National Bureau of Standards.** *Applied Mathematics Series*, No. 58, "Fractional factorial designs for experiments with factors at two and three levels," W. S. Connor and Shirley Young (65 pp., \$0.40). *NBS Monograph*, No. 37, "International practical temperature scale of 1948, text revision of 1960," H. F. Stimpson (8 pp., \$0.10). Superintendent of Documents, GPO, Washington, D.C., 1961.