

## New Books

*Advances in Psychiatry.* Recent developments in interpersonal relations. Mabel Blake Cohen, Ed. Norton, New York, 1959. 314 pp. \$4.95. The articles in this book are selections reprinted from *Psychiatry*. All the selections were published within the last 20 years.

*The Coconut Palm.* A monograph. K. P. V. Menon and K. M. Pandalai. Indian Central Coconut Committee, Ernakulam, S. India, 1957. 400 pp. \$11.95.

*Control Engineering.* Gordon J. Murphy. Van Nostrand, New York, 1959. 397 pp. \$7.50.

*The Earth and Its Resources.* Vernor C. Finch, Glenn T. Trewartha, M. H. Shearer. McGraw-Hill, New York, ed. 3, 1959. 592 pp. \$6.

*Elementary Practical Hydraulics of Flow in Pipes.* A text and reference book for engineers and draughtsmen. C. T. B. Donkin. Oxford Univ. Press, New York, 1959. 221 pp. \$3.40.

*Elements of Calculus and Analytic Geometry.* George B. Thomas, Jr. Addison-Wesley, Reading, Mass., 1959. 590 pp. \$7.50.

*Faune de France.* vol. 62, pt. 3, Coléoptères Curculionides. Adolphe Hoffmann. Lechevalier, Paris, 1958. 632 pp.

*Fundamentals of Freshman Mathematics.* C. B. Allendoerfer and C. O. Oakley. McGraw-Hill, New York, 1959. 488 pp. \$6.50.

*Fundamentals of Physical Science.* Konrad Bates Krauskopf. McGraw-Hill, New York, ed. 4, 1959. 663 pp. \$6.95.

*General Chemistry.* A systematics approach. Harry H. Sisler, Calvin A. Vanderwerf, Arthur W. Davidson. MacMillan, New York, ed. 2, 1959. 861 pp. \$7.95.

*The Great Pulse.* Japanese midwifery and obstetrics through the ages. Mary W. Standlee. Charles E. Tuttle, Rutland, Vt., 1959. 192 pp. \$4.50.

*Hypersonic Flow Theory.* Wallace D. Hayes and Ronald F. Probstein. Academic Press, New York, 1959. 478 pp. \$11.50.

*The Illustrated Encyclopedia of Modern Science.* By the editors of the *Unified Educator Encyclopedia*. Stuttmann, New York, 1959. 1528 pp. \$29.95.

*Immunopathology.* First international symposium. Pierre Grabar and Peter Miescher, Eds. Schwabe, Basel, Switzerland, 1959. 535 pp. \$16.25.

*Implantation of Ova.* Proceedings of a conference. Memoirs of the Soc. for Endocrinology, No. 6. P. Eckstein, Ed. Cambridge Univ. Press, New York, 1959. 104 pp. \$6.

*Matrix Calculus.* E. Bodewig. North-Holland, Amsterdam; Interscience, New York, ed. 2, 1959. 460 pp. \$9.50.

*The North Alaskan Eskimo.* A study in ecology and society. Bur. of American Ethnology, Bull. 171. Robert F. Spencer. Smithsonian Institution, Washington, D.C., 1959 (order from Supt. of Documents, GPO, Washington 25). 490 pp. Paper, \$2.50.

*Partial Differential Equations of Mathematical Physics.* H. Bateman. Cambridge Univ. Press, New York, American ed. 1, 1959. 544 pp. Paper, \$4.95.

*Schizophrenia.* An integrated approach. Alfred Auerbach. Ronald Press, New York, 1959. 232 pp. \$5.50. Contents: "What is schizophrenia?" K. M. Bowman and M. Rose; "Neuropsychological contributions to the understanding of schizophrenia," F. G. Worden; "Recent biochemical investigations in schizophrenia," C. H. Hardin Branch and J. W. Ely; "The body image in the schizophrenic reaction," L. C. Kolb; "Contribution of linguistic-kinesic studies of schizophrenic process," G. Bateson; "Family relationships in schizophrenia," M. Bownen; "Somatotherapies in schizophrenia—1958," L. H. Margolis; "Psychotherapy with schizophrenics," J. Ruesch.

*Soviet Reviews of Nuclear Science.* On the 40th anniversary of the October Revolution. vol. 3, No. 11, of *Atomnaya Energiya*, November, 1957. Pergamon, New York, 1959. 110 pp. \$5.

*Sulfur in Proteins.* Proceedings of a symposium held at Falmouth, Mass., May 1958. Organized and edited by Reinhold Benesch et al. Academic Press, New York, 1959. 480 pp. \$14.

*Terms Used in Archaeology.* A short dictionary. Christopher Trent. Philosophical Library, New York, 1959. 62 pp. \$2.75.

*Topographical Anatomy of the Dog.* O. Charnock Bradley. Revised by Tom Graham. Macmillan, New York, ed. 6, 1959. 346 pp. \$5.50.

*Translation from German for Chemists.* H. H. Neville and W. E. Yuill. Interscience, New York; Blackie, London, 1959. 151 pp. \$2.50.

## Reprints

*Advanced Calculus.* A text upon select parts of differential calculus, differential equations, integral calculus, theory of functions, with numerous exercises. Edwin Bidwell Wilson. Dover, New York, 1959 (reprint of ed. 1, 1911). 566 pp. \$2.45.

*Computational Methods of Linear Algebra.* V. N. Faddeeva. Authorized translation from the Russian by Curtis D. Benster. Dover, New York, 1959. 262 pp. \$1.95.

*The Dynamics of Particles and of Rigid, Elastic, and Fluid Bodies.* Being lectures on mathematical physics. Arthur Gordon Webster. Dover, New York, 1959 (reprint of ed. 2). 600 pp. \$2.35.

*Elementary Statistics.* With applications in medicine and the biological sciences. Frederick E. Croxton. Dover, New York, 1959 (corrected reprint of *Elementary Statistics with Applications in Medicine*, 1953). 376 pp. \$1.95.

*Meson Physics.* Robert E. Marshak. Dover, New York, 1958 (reprint of ed. 1, 1952). 386 pp. \$1.95.

*Pillow Problems and A Tangled Tale.* Lewis Carroll. Dover, New York, 1959 (bound in one volume). 261 pp. \$1.50.

*Symbolic Logic and The Game of Logic.* Lewis Carroll. Dover, New York, 1959 (bound in one volume). 295 pp. \$1.50.

*Theory of Functionals and of Integral and Integro-Differential Equations.* Vito Volterra. Dover, New York, 1959. 226 pp. \$1.75.

## Miscellaneous Publications

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

*Deep Sea Fishes from the Gulf of Mexico with the Description of a New Species.* *Squalogadus intermedius* (Macrouridae). Fieldiana: Zoology, vol. 39, No. 29, pp. 323–346. Marion Grey. \$0.50. Chicago Natural History Museum, Chicago, Ill., 1959.

*Pennsylvanian Invertebrates of the Mazon Creek Area, Illinois.* Trilobitomorpha Arthropleurida, II. Fieldiana: Geology, vol. 12, No. 5, pp. 79–82. Eugene S. Richardson, Jr. \$0.30. *Ticks (Ixodoidea) of Arabia.* With special reference to the Yemen. Fieldiana: Zoology, vol. 39, No. 28, pp. 297–322. Harry Hoogstraal and Makram N. Kaiser. \$0.50. Chicago Natural History Museum, Chicago, Ill., 1959.

*The Photochemical Apparatus, Its Structure and Function.* Report of symposium held 16–18 June 1958. Biology Department, Brookhaven National Laboratory, Upton, N.Y., 1959. 366 pp. \$3.50.

*Reflections of a Mathematician.* L. J. Mordell. Canadian Mathematical Congress; Ecole Polytechnique, Montreal, Canada, 1959. 50 pp.

*Research in Space Science.* Special report No. 23. 80 pp. Special report No. 24. 47 pp. Astrophysical Observatory, Smithsonian Institution, Cambridge, Mass., 1959.

*Science Materials.* Preparation and exhibition for the classroom. Gordon G. Pond. Brown, Dubuque, Iowa, 1959. 132 pp. \$2.75.

*Source Material for Radiochemistry.* Nuclear Science Series report No. 27. Committee on Nuclear Science. National Academy of Sciences, Washington, 1959. 23 pp.

*Survey of State Legislation Relating to Higher Education.* 1 July 1957, to 30 June 1958. Ernest V. Hollis, William G. Land, S. V. Martorana. Office of Education, Washington, 1959 (order from Supt. of Documents, GPO, Washington 25). 115 pp. \$0.70.

*Tellurometer Manual.* Publ. No. 62–1. Austin C. Poling. Coast and Geodetic Survey, Washington, 1959 (order from Supt. of Documents, GPO, Washington 25). 65 pp. \$0.40.

*Use of Ground-Based Radar in Meteorology* (excluding upper-wind measurements). Report of a working group of the Commission for Instruments and Methods of Observation prepared by J. P. Henderson, R. Lhermitte, A. Perlat, V. D. Rockney, N. P. Sellick, R. F. Jones. World Meteorological Organization, Geneva, Switzerland, 1959. 80 pp. F. 9.

*The Vegetation of Northern Manitoba.* III. Studies in the Subarctic. Technical paper No. 3. J. C. Ritchie. Arctic Institute of North America, Montreal, Canada, 1959. 56 pp. \$2.

*Vegetational History of the Ozark Forest.* Julian A. Steyermark. University of Missouri Studies, Columbia, 1959. 138 pp. \$2.

*Water and Its Conduction in Soils.* An international symposium. Highway Research Board, National Academy of Sciences, Washington, 1959. 338 pp. \$6.