

instrumentation, chromatography, flame photometry, spectrophotometric and fluorometric determinations, and spectrographic techniques. Courage and hard labor were required to develop the portions of the book dealing with hormones and the newer pesticides.

An analyst dealing with agricultural and related products needs this book. Since the wealth of information contained in it gives the impression that the book is bursting at the seams, the editorial board may face the task of issuing two volumes in 1960.

ANNA M. McELROY

JAMES I. HOFFMAN

Chemistry Division,  
National Bureau of Standards

**Preventive Medicine in World War II.** vol. III, *Personal Health Measures and Immunization*. Ebbe Curtis Hoff, Ed. Office of the Surgeon General, Department of the Army, Washington, D.C., 1955 (order from Supt. of Documents, GPO, Washington 25). 394 pp. \$3.25.

This volume has eight chapters covering manpower selection, personal hygiene, clothing, nutrition, malnutrition and deficiency diseases, preventive psychiatry, accidental trauma, and army immunization progress. The four appendices deal with the administrative requirements for vaccination for yellow fever, cholera, and typhus and for immunization of overseas areas by diseases.

## New Books

*Automata Studies*. C. E. Shannon and J. McCarthy. Princeton University Press, Princeton, N.J., 1956. 285 pp. Paper, \$4.

*The Legacy of Sigmund Freud*. Jacob A. Arlow. International Universities Press, New York, 1956. 96 pp. \$2.

*The Unknown—Is It Nearer?* Eric J. Dingwall and John Langdon-Davies. New American Library, New York 22, 1956. 160 pp. Paper, \$0.35.

*Bacterial Anatomy*. Sixth symposium of the Society for General Microbiology held at the Royal Institution, London, April 1956. E. T. C. Spooner and B. A. D. Stocker, Eds. Cambridge University Press, New York, 1956. 360 pp. \$6.

*Birthplace of the Winds*. Ted Bank, II. Crowell, New York, 1956. 274 pp. \$4.50.

*The Conquest of Mt. McKinley*. Belmore Browne. Houghton Mifflin, Boston, new ed., 1956. 381 pp. \$6.

*Deliver Us from Evil*. The story of Viet Nam's flight to freedom. Thomas A. Dooley. Farrar, Straus and Cudahy, New York, 1956. \$3.50.

*The Descent of Pierre Saint-Martin*. Norbert Casteret. Translated by John Warrington. Philosophical Library, New York, 1956. 160 pp. \$4.75.

*Rockets and Guided Missiles*. John Humphries. Macmillan, New York, 1956. 229 pp. \$6.

*Irrationalzahlen*. Oskar Perron. Chelsea, New York, ed. 2, 1951. 199 pp. Cloth, \$3.25; paper, \$1.50.

*Introduction to the Theory of Groups of Finite Order*. Robert D. Carmichael. Dover, New York (unaltered republication of ed. 1, 1937), 1956. 447 pp. Cloth, \$3.95; paper, \$2.

*Electric Circuit Theory and the Operational Calculus*. John R. Carson. Chelsea, New York, ed. 2, 1953. 197 pp. Cloth, \$3.95; paper, \$1.88.

*Color Atlas of Oral Pathology*. Histology and embryology, developmental disturbances, diseases of the teeth and supporting structures, diseases of the oral mucosa and jaws, neoplasms. U.S. Naval Dental School, National Naval Medical Center. Lippincott, Philadelphia, 1956. 188 pp. \$12.

*New Concepts in Flowering-Plant Taxonomy*. J. Heslop-Harrison. Harvard University Press, Cambridge, Mass., 1956. 135 pp. \$1.25.

*Grundlagen der Allgemeinen Vitalchemie in Einzeldarstellungen*. vol. I, *Die physikalische Grundlage des lebenden Systems: Atom und Molekül*. Karl Kaindl. 1955. 201 pp. S.192. vol. II, *Die physikalisch-chemische Grundlage des lebenden Systems: Ordnungszustände und Reaktionsgeschehen*. Karl Kaindl and Stefan Holzel. 1956. 138 pp. S.186. Urban & Schwarzenberg, Vienna-Innsbruck, Austria.

*Famous Problems of Elementary Geometry*. F. Klein. Translated by Wooster Woodruff Beman and David Eugene Smith. Notes by Raymond Clare Archibald. Dover, New York, rev. ed. 2, 1956. 92 pp. Cloth, \$1.50; paper, \$1.

*Exceptional Children*. Florence L. Goodenough assisted by Lois M. Rynkiewicz. Appleton-Century-Crofts, New York, 1956. 428 pp. \$4.50.

*Experimental Thermochemistry*. Measurement of heats of reaction. Prepared under the International Union of Pure and Applied Chemistry by the Subcommittee of Experimental Thermochemistry. Frederick D. Rossini, Ed. Interscience, New York, 1956. 326 pp. \$7.80.

*The Thirteen Books of Euclid's Elements*. Translated from the text of Heiberg with introduction and commentary by Thomas L. Heath. 3 vols. Dover, New York, rev. ed. 2, 1956. 432 pp.; 436 pp.; 546 pp. Paper, \$5.85 (set of 3 vols.).

*Great Men*. Psychoanalytic studies. Edward Hitschmann. Sydney G. Margolin, Ed. International Universities Press, New York, 1956. 278 pp. \$4.

*Intermediate Analysis*. An introduction to the theory of functions of one real variable. John M. H. Olmsted. Appleton-Century-Crofts, New York, 1956. 305 pp. \$6.

*The Human Heredity Handbook*. Amram Scheinfeld. Lippincott, Philadelphia, 1956. 276 pp. \$3.95.

*Methods in Personality Assessment*. Human behavior in complex social situations. George G. Stern, Morris I. Stein, Benjamin S. Bloom. Free Press, Glencoe, Ill., 1956. 271 pp. \$6.

## Miscellaneous Publications

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

*Bryozoa of the United States Navy's 1947-1948 Antarctic Expedition, I-IV*. Proceedings of the U.S. National Museum, vol. 105, No. 3358, 97 pp. Mary D. Rogick. Smithsonian Institution, Washington, D.C., 1956.

*New Discoveries*. Wonders in our planetary world. Frederick Benario. Hillcrest Publishing Corp., Flushing, N.Y., 1956. 68 pp.

*The Physiology of the Melanophores of the Isopod Idothea Exotica*. Tulane Studies in Zoology, vol. 3, No. 8. Milton Fingerman. 10 pp., \$0.30. *Osmotic Behavior and Bleeding of the Oyster Crassostrea Virginica*. vol. 3, No. 9. Milton Fingerman and Laurence D. Fairbanks. 18 pp. \$0.50. Tulane University, New Orleans, La., 1956.

*General Education in Engineering*. A report of the humanistic-social research project. American Society for Engineering Education, 1956 (order from W. Leighton Collins, University of Illinois, Urbana). 122 pp. \$0.25.

*Ecological Monographs, Twenty-Year Index, Volumes 1-20, 1931-1950*. Donald B. Lawrence and Elizabeth G. Lawrence, Committee on Index. Duke University Press, Durham, N.C., 1956. 44 pp. \$2.50.

*General Features of Algal Growth in Sewage Oxidation Ponds*. Publ. No. 13. State Water Pollution Control Board, Sacramento, Calif., 1955. 48 pp. \$0.75.

*Recherches sur la constitution de l'os adulte*. J. Vincent. Université Catholique de Louvain, Brussels, Belgium, 1955. 153 pp.

*Scientific Institutions of Mexico*. vol. 3. UNESCO, Montevideo, Uruguay, 1955. 76 pp.

*Development, Growth, and State of the Atomic Industry*. Hearings before the Joint Committee on Atomic Energy, Congress of the United States, Eighty-Fourth Congress, second session. pt. 1, section 202, Statutory Hearings. 7, 8, 15, 16, and 23 February 1956. Supt. of Documents, GPO, Washington 25, 1956. 320 pp. \$0.75.

*Symposium on Marine and Fresh-Water Plankton in the Indo-Pacific*. Bangkok, Thailand, 25 and 26 January 1954. Indo-Pacific Fisheries Council, Bangkok, and Science Co-operation Office for South East Asia, Djakarta, Indonesia, 1954. 111 pp. \$1.

*Ascites Tumors as Tools in Quantitative Oncology*. Annals, vol. 63, art. 5. Roy W. Miner, Ed. 394 pp. New York Academy of Sciences, New York, 1956.

*On the Status and Relations of Crocodylus Mindorensis*. Philippine Zoological Expedition 1946-1947. Fieldiana: Zoology, vol. 33, No. 5. Karl P. Schmidt. 5 pp. \$0.15. *A New Genus of Minute Fungus-Pore Beetles from Oregon*. Coleoptera: Ptiliidae. vol. 34, No. 38. Henry S. Dybas. 8 pp. \$0.20. *A New Snake of the Genus Tantilla from West Texas*. vol. 34, No. 39. Sherman A. Minton, Jr. 4 pp. \$0.15. *Dinosaurs, Predator and Prey*. Rainer Zangerl. 12 pp. \$0.25. Chicago Natural History Museum, Chicago, Ill., 1956.