

Books of the Week

For the editorial information of our readers, books received for review since last week's issue are listed. For convenient purchase of any U. S. book in print, send a remittance to cover retail price (postage will be paid) to Book Department, Science Service, 1719 N Street, N.W., Washington 6, D. C. Request free publications direct from publisher, not from Science Service.

AUTOMATION: Friend or Foe?—R. H. Macmillan—*Cambridge University Press*, 100 p., illus., \$1.95. Only through automatic control, declares the author, can we make our factories of the future into places fit for men to do work worthy of their capacities.

BITUMINOUS RESURFACING—J. L. Stackhouse and others—*Highway Research Board*, Bulletin 123, 39 p., illus., paper, 75 cents. On rejuvenating highway pavement.

CHEMISTRY AND USES OF PESTICIDES—E. R. de Ong—*Reinhold*, 2d ed., 334 p., illus., \$8.75. Rodents, insects and molds cause annual losses throughout the world of 33,000,000 tons of stored grain and rice.

CHROMIUM: Volume 1, Chemistry of Chromium and Its Compounds—Marvin J. Udy, Ed.—*Reinhold*, ACS Monograph No. 132, 433 p., illus., \$11.00. Thirty-six experts here deal with all phases of the manufacture and use of chromium metal. It is, therefore, a series of monographs rather than one.

EARTH SATELLITES AS RESEARCH VEHICLES: Proceedings of the Symposium held April 18, 1956, at the Franklin Institute in Philadelphia—John S. Bulew and others—*Franklin Institute*, Monograph No. 2, 115 p., illus., paper, \$2.50. Part of the "Rockets-for-Peace" program inaugurated by the Institute.

GEOLOGY AND OURSELVES—F. H. Edmunds—*Philosophical Library*, 256 p., illus., \$10.00. Intended to answer the question, "What is the economic use of geology?"

HANDBOOK ON SOILS—Herbert A. Lunt—*Brooklyn Botanic Garden*, Plants and Gardens, Vol. 12, No. 1, 79 p., illus., paper, \$1.00. For home gardeners, recommending use of compost rather than commercial fertilizer.

HEALTH FOR THE AMERICAN PEOPLE: A Symposium—George Bugbee and others—*Little, Brown for Massachusetts Memorial Hospitals*, 105 p., paper, \$1.00. Among the participants in this symposium was Watson Davis, director of SCIENCE SERVICE. Included is discussion of

the organization and financing of health services and community action for health.

INTRODUCTION TO MICROFOSSILS—Daniel J. Jones—*Harper*, 406 p., illus., \$6.50. A text for courses on micropaleontology.

MANKIND AGAINST THE KILLERS—James Hemming, foreword by Brock Chisholm—*Longmans, Green*, 231 p., illus., \$3.50. Telling of the work of the World Health Organization in battling disease on a world-wide scale.

MEDICAL WRITING—Walter C. Alvarez, Hugh Clegg, Felix Marti-Ibanez, Hans Selye and Henry E. Sigerist—*MD Publications*, MD International Symposia No. 2, 66 p., illus., paper, \$3.00. Suggestions for the physician to help him present the results of research. It goes beyond mere style and points out pitfalls in reasoning and evaluating problems.

THE MIND GOES FORTH: The Drama of Understanding—Harry and Bonaro Overstreet—*Norton*, 384 p., \$3.95. Understanding is called by the authors "the drama of the mind's going forth to meet life more than half way; of trying to see the other person's point of view."

THE PENGUIN ATLAS OF THE WORLD—J. S. Keates, Ed.—*Penguin*, 76 p., 80 maps, paper, \$2.50. A convenient atlas with maps 8 by 5½ inches that are unusually clear. The book has 15,000 index entries.

PHYSIOLOGICAL STUDIES ON INFANTRYMEN IN COMBAT—Nello Pace and others—*University of California Press*, Publications in Physiology Volume 10, No. 1, 47 p., illus., paper, \$1.25. Report of a study of the physiological effects of the stress of combat made at the front lines in Korea.

PRINCIPLES OF FUNGICIDAL ACTION—James G. Horsfall—*Chronica Botanica*, New Series of Plant Science Books, Volume 30, 279 p., illus., \$6.50. Bringing together all available information on mechanisms of fungicidal action.

PROFESSIONAL STANDARDS AND EMPLOYMENT CONDITIONS—*Engineers Joint Council*, 14 p., paper, free upon request direct to publisher, 29 West 39th St., New York 18, N. Y. An appraisal of employment factors affecting the engineer.

PSYCHIATRY AND RELIGION—Werner Wolff, chairman—*MD Publications*, MD International Symposia No. 3, 62 p., paper, \$3.00. Affording a glimpse of the psychiatric approach to religion and the religious facets of psychiatry.

THE PURSUIT OF SCIENCE IN REVOLUTIONARY AMERICA 1734-1789—Brooke Hindle—*University of North Carolina for The Institute of Early American History and Culture*, Williamsburg, Virginia, 410 p., illus., \$7.50. During the early days of science in America, much inspiration was received from people like Peter Collinson who was himself a London merchant, only an amateur in science, but who stimulated it by an active correspondence.

RESEARCH BY COOPERATIVE ORGANIZATIONS: A Survey of Scientific Research by Trade Associations, Professional and Technical Societies, and Other Cooperative Groups, 1953—Harry W. Barr, Jr., Victor A. Feldmiller and James B. Purdy—*Gout. Printing Office*, prepared for the National Science Foundation by Battelle Memorial Institute, 47 p., paper, 35 cents.

SCIENCE AND CIVILISATION IN CHINA: Volume 2, History of Scientific Thought—Joseph Needham with the research assistance of Wang Ling—*Cambridge University Press*, 696 p., illus., \$14.50. Beginning with the followers of Confucius because of their great influence on later Chinese thought, although their own contribution to science was "almost wholly negative."

SEAWEEDS AT EBB TIDE—Muriel Lewin Gubert—*University of Washington Press*, 182 p., illus., with drawings by Elizabeth L. Curtis, \$3.50. To help the curious to learn the names, habits, structures and economic uses of the seaweeds found on any beach.

SECRET ENEMY: The Story of a Disease—James Cleugh—*Yoseloff*, 273 p., \$5.00. An account of the dread disease syphilis and the horror, aversion and reticence that have hampered our efforts to wipe it out.

SOIL-TESTING METHODS: Moisture, Density, Classification, Soil-Cement—Harold S. Gillette and others—*Highway Research Board*, Bulletin 122, 47 p., illus., paper, 90 cents. Of particular interest to highway engineers.

THE STRUCTURE OF TURBULENT SHEAR FLOW—A. A. Townsend—*Cambridge University Press*, 315 p., \$7.50. Based on experimental work carried out in the Cavendish Laboratory.

TEXTBOOK OF UROLOGY—Victor F. Marshall—*Hoeber-Harper*, 268 p., illus., \$5.50. Developed from formal lectures presented to third-year medical students. The text has now replaced the lectures and the lecture periods are used as demonstrations and clinics.

THE TLINGIT INDIANS: Results of a Trip to the Northwest Coast of America and the Bering Straits—Aurel Krause, translated by Erna Gunther—*University of Washington Press for American Ethnological Society*, 310 p., illus., \$4.50. Translation of a report of findings on an Arctic expedition written 70 years ago and out of print for many years.

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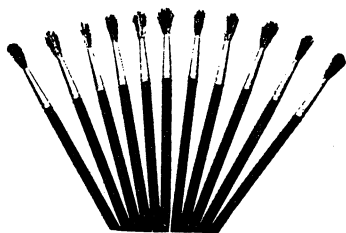
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