

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.

ATLAS OF NEUROPATHOLOGY—Nathan Malamud—*University of California Press*, 468 p., illus., \$20.00. The wealth of photomicrographs provides a visual approach not usual in textbooks on this subject.

BIOENERGETICS—Albert Szent-Györgyi—*Academic*, 143 p., illus., \$4.50. In biochemistry, the author points out, highlights of knowledge exist side by side with profound ignorance.

This work is intended to attempt to identify the missing link in our knowledge.

CLINICAL PSYCHOLOGY OF EXCEPTIONAL CHILDREN—C. M. Louttit and others—*Harper*, 3d ed., 573 p., illus., \$6.00. Although there is one chapter devoted to the gifted child, most of the book discusses the retarded and those with special problems or defects. Apparently this revision was completed before Dr. Louttit's sudden

death, since he signed the preface in March, 1956.

COURSE OFFERINGS IN GUIDANCE AND STUDENT PERSONNEL WORK SUMMER 1957 AND ACADEMIC YEAR 1957-58—Compiled by Roland G. Ross—*Office of Education*, Circular No. 503, 93 p., mimeographed, paper, limited number free upon request direct to publisher, Washington 25, D. C. Intended to answer inquiries regarding training for these fields.

DECISION MAKING: An Experimental Approach—Donald Davidson and Patrick Suppes with Sidney Siegel—*Stanford University Press*, 121 p., graphs, \$3.25. Showing how the outcome of a choice may be predicted or arrived at.

EARLY ELECTRICAL MACHINES: The Experiments and Apparatus of Two Enquiring Centuries (1600 to 1800) That Led to the Triumphs of the Electrical Age—Bern Dibner—*Burndy Library*, 57 p., illus., paper, \$1.50. In 1705, an English scientist experimented with the luminous glow that electric discharges produced inside evacuated glass tubes, pointing to the much later development of the cathode-ray tube.

THE FAMILY BOOK OF CHILD CARE—Niles Newton with the collaboration of Paul György, Irwin M. Marcus and Thaddeus L. Montgomery—*Harper*, 477 p., illus., \$4.95. Advice on all aspects of child care and protection from how to diaper the infant to how to keep the older child from being led away by strangers.

FLAT TOP RANCH: The Story of a Grassland Venture—Louis Bromfield and others—*University of Oklahoma Press*, 232 p., illus., \$4.00. Containing the last writing of Louis Bromfield before his death and describing how worn-out land in Texas was converted to a successful ranch with "good grass, good water, and good cattle."

THE FRIENDLY FUNGI: A New Approach to the Eelworm Problem—C. L. Duddington—*Faber and Faber*, 188 p., illus., 21 shillings or about \$3.00. A non-technical book originating in England where the eelworm costs several million pounds a year in damage to farm crops. It can be controlled, the author indicates, by encouraging the fungi that prey on it.

HIGH BLOOD PRESSURE (HYPERTENSION)—E. V. Allen—*American Heart Association*, 15 p., illus., paper, free upon request direct to publisher, 44 East 23d St., New York 10, N. Y. or your local heart association. Information about this condition for the patient and his family.

THE HISTORY OF MATHEMATICS—Joseph Ehrenfried Hofmann—*Philosophical Library*, 132 p., \$4.75. Presenting a comprehensive view of the history with "cursory glimpses" into the inroads of mathematics into other disciplines. We know from Stone Age jewelry and baskets that our remote ancestors were acquainted with many geometrical forms.

INTRODUCTION TO BACTERIAL PHYSIOLOGY—C. E. Clifton—*McGraw-Hill*, 414 p., illus., \$8.50. The teaching of this subject over the past 20 years would indicate that bacteria have evolved from rather simple entities to complex morphological organisms, but the evolution has really been in the minds of experts in the field.

INTRODUCTION TO CHEMISTRY—Joseph C. Muhler, Charles S. Rohrer and Ernest E. Campaigne—*Prentice-Hall*, 452 p., illus., \$6.75. Giving biology students a chemical background by presenting an elementary treatment of physiological chemistry and both general and inorganic chemistry.

THE LEUKEMIAS: Etiology, Pathophysiology, and Treatment—John W. Rebeck, Frank H. Bethell and Raymond W. Monto—*Academic*, Henry Ford Hospital International Symposium,

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711 p., illus., \$13.00. Papers presented at this symposium show the extensive progress that has been made in this field.

MAN INTO SPACE: New Projects for Rocket and Space Travel—Hermann Oberth, translated by G. P. H. De Freville—*Harper*, 232 p., illus., \$4.50. A rocket scientist presents his theories and proposals for such developments as space-ships powered by electricity derived from the sun.

THE MICROBIAL WORLD—Roger Y. Stanier, Michael Doudoroff and Edward A. Adelberg—*Prentice-Hall*, 682 p., illus., \$8.00. Telling not only what microorganisms are but also their distribution in nature and their influence on their environment.

ON THE TRAIL OF VANISHING BIRDS—Robert Porter Allen—*McGraw-Hill*, 251 p., illus., \$4.50. A more personal account of what conservationists have done to try to save our vanishing birds than is contained in the pages of formal monographs.

ORDOVICIAN TRILOBITES OF ARGENTINA—Horacio J. Harrington and Armando F. Leanza—*University of Kansas Press*, Department of Geology, Special Publication 1, 276 p., illus., \$6.00. Adding important knowledge to the geology of the Western Hemisphere.

THE PHYSICS OF NUCLEAR REACTORS: A Conference Arranged by the Institute of Physics in London From 3 to 6 July, 1956—*Institute of Physics*, 112 p., illus., paper, \$3.50 plus postage. Papers from a conference held in London in 1956 intended to keep physicists up to date on advances in the field.

PRACTICAL PHYSICS: A Course of Introductory Experiments—R. W. Parsons—*Hong Kong University Press (Oxford University Press)*, 89 p., illus., paper, \$2.00. This little book contains, in addition to the experiments, elementary theory and an appendix with instructions for building needed apparatus. Text is in English.

RADIATION: What It Is and How It Affects You—Jack Schubert and Ralph E. Lapp—*Viking*, 314 p., \$3.95. Describing the danger in peace as well as in atomic war of the various types of radiation.

A SHORT DICTIONARY OF MATHEMATICS—C. H. McDowell, introduction by Henrietta O. Midonick—*Philosophical Library*, 63 p., illus., \$2.75. Explaining in plain English the meaning of mathematical terms.

SOME PRINCIPLES OF ENERGETICS IN BIO-CHEMICAL REACTIONS—Irving M. Klotz—*Academic*, 64 p., illus., \$3.00. Because of the tendency to interpret biological phenomena in molecular terms, the author presents this quick briefing for biologists on the principles of energetics.

SYMPOSIUM ON TENSION TESTING OF NON-METALLIC MATERIALS—A. C. Webber and others—*American Society for Testing Materials*, ASTM Special Technical Publication No. 194, 81 p., illus., paper, \$2.00. Describing the variety of methods for measuring tensile properties of these materials.

THEY WENT TO COLLEGE EARLY—Philip H. Coombs, director of research—*Fund for the Advancement of Education*, Evaluation Report Number 2, 117 p., graphs, paper, free upon request direct to publisher, 655 Madison Ave., New York 21, N. Y. These students, it was found, not only did well in their scholastic work, but won many of the highest honors.

WHY CAN'T WE HAVE A BABY?—James Henry Ferguson—*Pyramid*, 127 p., illus., paper, 35 cents. The physician-author explains sterility and tells what can be done to remedy it. A final chapter advises about adoption.

Science News Letter, May 18, 1957

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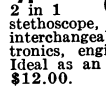
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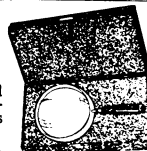
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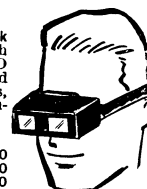
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