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By W. Barry Wood, Jr., M.D.

By outlining the fascinating story of how a single disease, diphtheria, was first feared, then studied, and finally conquered, Dr. Wood shows that the revolutionary advances of medicine pose new and difficult problems for the modern physician and the society he serves. Both the strengths and weaknesses of the "new medicine"—the decreasing intimacy of the doctor-patient relationship; the rising cost of health services; and the gap between medical researcher and clinician—are illustrated and constructively discussed.

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AGING: A Regional Appraisal—Carter C. Osterbind, Ed.—*Univ. of Fla. Press*, 169 p., paper, \$3. Papers presented at the Tenth Annual Conference on Gerontology, 1961, reporting on developments and activities in the southern United States.

THE BIRTH OF BROADCASTING—Asa Briggs—*Oxford Univ. Press*, 425 p., illus., \$10. First part of a three-volume history of broadcasting in the United Kingdom, largely concerned with the first four years of the BBC.

THE BOOK OF SEA SHELLS—Michael H. Bevens—*Doubleday*, 60 p., illus. by author, \$2.95. Colorful and instructive guide for young collectors.

A BOOK TO BEGIN ON ELECTRICITY—Leslie Waller—*Holt*, unpag., illus. by Laszlo Roth, \$2.50. About the beginnings of electricity for the youngest readers.

CARBON-14 COMPOUNDS—John R. Catch—*Butterworths*, 134 p., illus., \$5.50. A guide to the literature of carbon-14 preparation in the form of a series of reviews which deal with the scope and limitations of the various methods of carbon-14 labelling and measurement.

CAREERS FOR WOMEN IN THE BIOLOGICAL SCIENCES—Mary C. Murphy and others—*Women's Bur.* (GPO), 86 p., illus., paper, 40¢. Information on training and job opportunities within the biological sciences where women as technicians and scientists have had notable acceptance and utilization.

THE CELL: Biochemistry, Physiology, Morphology, Vol. III: Meiosis and Mitosis—Jean Brachet and Alfred E. Mirsky, Eds.—*Academic Press*, 440 p., illus., \$12. Contains major treatise on mitosis and the physiology of cell division by Daniel Mazia.

THE CONSERVATION OF WILD LIFE AND NATURAL HABITATS IN CENTRAL AND EAST AFRICA—Julian Huxley—*Unesco (Int. Doc. Serv., Columbia Univ.)*, 113 p., photographs, map, paper, \$1.25. Report with recommendations on the position of African wildlife in relation to habitat, land-use, national park policies, and tourism.

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Senate, 286 p., paper, free upon request direct to Committee, Washington 25, D. C. Report explores the effect of methods used in coordinating the mass of scientific information on current research and development work.

FUNDAMENTALS OF ELECTRICITY: TMI-Grolier Self-Tutoring Course—R. K. Moore and others, Eds.—*Teaching Materials Corp.*, 293 p., diagrams, boxed, \$10. High-school course programmed for self-study through carefully graded sequence of material.

THE GREAT MATHEMATICIANS—Herbert Westren Turnbull, introd. by James R. Newman—*N.Y. Univ. Press*, 141 p., illus., \$3.50. Short biographical history of mathematics, showing how a mathematician's use of his imagination, as well as his reasoning, leads him to new aspects of the truth.

HOW LIFE GOES ON—Irving Zeichner—*Prentice-Hall*, 122 p., illus. by Janet McCaffery, \$2.95. Explains for young people the many different ways in which molds, plants and animals reproduce themselves.

AN INEXPENSIVE SCIENCE LIBRARY: A Selected List of Paperbound Science Books—Hilary J. Deason and Robert W. Lynn—*AAAS*, 5th ed., 87 p., paper, 25¢. Selected, annotated and graded catalogue of 679 science books recommended for high school students, undergraduates, teachers and the general public.

JUNIOR SCIENCE BOOK OF ICEBERGS AND GLACIERS—Patricia Lauber—*Garrard Press*, 64 p., illus. by Evelyn Urbanowich, \$2.25. Interesting and informative for young readers.

METABOLIC PATHWAYS IN MICROORGANISMS—Vernon H. Cheldelin—*Wiley*, 91 p., illus., \$3.50. Presents recent work on the acetic acid bacteria, evaluation of metabolic pathways and carbohydrate metabolism.

NEEDED: A Ten Year College Budget—Sidney G. Tickton—*Fund for the Advancement of Education*, 40 p., worksheets, paper, free upon request direct to publisher, 477 Madison Ave., New York 22, N.Y. Discussion and ten-year projection of college needs, with case study.

A NEW MANUAL FOR THE BIOLOGY LABORATORY—Bernal R. Weimer, Earl L. Core and Roy B. Clarkson—*Wiley*, 3rd ed., 263 p., illus., paper, \$4.25. Aid to student, teaching him to observe, experiment and analyze.

NIKOLA TESLA: Giant of Electricity—Helen B. Walters—*Crowell*, 189 p., illus. by Leonard E. Fisher, \$3.50. Juvenile biography with glossary, index, bibliography and chronology.

1001 QUESTIONS ANSWERED ABOUT INSECTS—Alexander B. and Elsie B. Klots—*Dodd*, 260 p., photographs and drawings by authors and Su Zan Swain, \$6. A wealth of authoritative information grouped by subject, with detailed index.

OUR AMERICAN WEATHER—George H. T. Kimble—*Indiana Univ. Press*, 322 p., illus. by Jean Paul Tremblay, paper, \$1.95. Geographer's month-by-month comments on recurring weather patterns.

PHYSICIAN: Healer and Scientist—Dana W. Atchley—*Macmillan*, 129 p., \$3.50. Physician tells young people about the training, responsibilities, practices and rewards of the medical profession.

PROCEEDINGS OF FIRST NATIONAL CONFERENCE ON THE PEACEFUL USES OF SPACE, Tulsa, Okla., 1961—Abe Silverstein, Chmn.—*GPO*, 184 p., illus., paper, \$1.25. Panel discussions on NASA space flight programs, personnel for the space age, manned space flight and space science applications.

(Continued on page 294)

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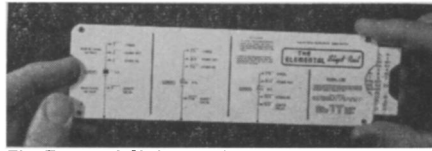
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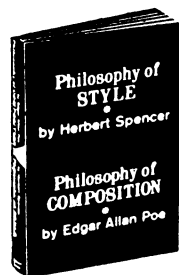
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Books of the Week

(Continued from page 292)

PROJECT IDEAS IN THE EARTH SCIENCES—Geological Survey, 16 p., paper, single copies free upon request direct to publisher, U.S. Dept. of the Interior, Washington 25, D.C. Describes subjects in the geologic sciences suitable for science club projects.

THE RIVER OF LIFE: The Story of Man's Blood, from Magic to Science—Bernard Seeman—Norton, 256 p., illus., \$4.50. Traces for the general reader the history of man's knowledge of the blood.

SCIENCE IN THE CAUSE OF MAN—Gerard Piel—Knopf, 298 p., \$5. Essays considering contemporary aspects of the sciences in the light of humanistic concerns.

THE SCIENCE OF LIFE—Lois and Louis Darling—World Pub. Co., 256 p., illus. by authors, \$4.95. Handsome book for young people, telling about the biosphere, the cells, organization of life, reproduction, geologic time, and the balance of nature.

SCIENCE PROJECTS HANDBOOK—Shirley Moore, Ed.—Ballantine (Science Service), 253 p., illus., paper, 50¢. New printing of handbook describing actual science experiments of honors-winning students.

SCIENTIFIC CAREERS IN THE AGRICULTURAL RESEARCH SERVICE—Agricultural Research Service, Personnel Division—USDA (GPO), rev. ed., 38 p., illus., paper, 35¢.

SCIENTIFIC EXHIBITS—Thomas G. Hull and Tom Jones—Thomas, C. C., 126 p., illus., \$6.50. Practical guide to the preparation of exhibits of scientific research, based on many years of professional experience.

SCIENTIFIC LIVING TODAY—Kay L. Ware and Gertrude B. Hoffsten—Steck, rev. ed., 160 p., illus. by Carol Rogers, paper, 72¢. Work text intended for 8th grade, with lots of material for practice.

SILK WORMS AND SCIENCE: The Story of Silk—Elizabeth K. Cooper—Harcourt, 160 p., photographs, \$3. Tells with clarity the story of the silkworm and the industry that developed out of its culture.

SMITHSONIAN INSTITUTION: Annual Report of the Board of Regents, 1960—Leonard Carmichael, Sec.—GPO, 605 p., illus., \$4.50. Contains reports on the origin and nature of the moon, navigation—canoes to spaceships, hailstorms, diamonds, magnetization of crystals, cotton fiber science and New World prehistory.

THIS IS OUR LAND—Josephine Van Dolzen Pease—Rand McNally, 62 p., illus. by Esther Friend, \$2.95. Tells small readers facts about the United States.

TOBACCO IN THE UNITED STATES—Albert Doub, Jr. and Alice Wolfe—USDA (GPO), 62 p., illus., paper, 40¢. Brief and comprehensive description of the various phases of the tobacco industry.

TRIUMPH: The Incredible Saga of the First Transatlantic Flight—Hy Steirman and Glenn D. Kittler—Harper, 200 p., photographs, map, \$4.50. Describes the hazardous U.S. Navy sea-plane flight across from Newfoundland to the Azores in 1919.

WONDERS OF OUR NATIONAL PARKS—Peter Thomson—Dodd, 63 p., photographs, \$2.95. Highlights from the American treasury of natural wonders.

THE WRIGHT BROTHERS AT KITTY HAWK—Donald J. Sobol—Nelson, 143 p., illus. by Stewart Mackenzie, \$2.95. Juvenile biography covering the three years preceding the first successful flight in an airplane.