

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.

ADVENTURES IN THE NEAREST EAST—Cyrus H. Gordon, foreword by O. G. S. Crawford—*Essential Books*, 192 p., 25 pl., 3 maps, \$6.00. Dealing with field work and excavation in Palestine and Mesopotamia, with art and religion and with those early Christians, the Coptic monks and hermits.

ATOMS AT YOUR SERVICE—Henry A. Dunlap and Hans N. Tuch—*Harper*, 167 p., illus., \$3.50. A primer for the layman on nuclear physics and the remarkable ways in which atomic energy can serve the needs of industry, agriculture, and medicine.

BABY AND CHILD CARE—Benjamin Spock—*Pocket Books*, Cardinal Giant ed., 627 p., illus., 50 cents. New edition of a famous handbook for parents.

THE BIOTIC COMMUNITIES OF GREENBROOK SANCTUARY—Stephen Collins—*Palisades Nature Ass'n.*, 112 p., illus., map, \$2.50. Greenbrook Sanctuary is a small tract on top of the Palisades in the New Jersey section of Palisades Interstate Park. This detailed study can show you the sort of thing you can learn about your own vicinity.

BRIGHTENING THE SENIOR YEARS—Alvin I. Goldfarb and others—*New York State Joint Legislative Committee on Problems of the Aging*, 139 p., illus., paper, limited number of copies free upon request direct to publisher, Senator Thomas C. Desmond, Chairman, 94 Broadway, Newburgh, N. Y. The process of retiring, the report indicates, may go on over an extended period of time. Educational institutions should give preparation for this period.

BUILDING YOUR SUPER HIGHWAYS: Things to

Know About Road Building and the Equipment Used—George J. Zaffo—*Garden City*, 64 p., illus. by author, \$2.50. Telling young people how our super highways are constructed.

CAREERS IN ATOMIC ENERGY—Walter J. Greenleaf—*Govt. Printing Office*, Office of Education, 36 p., illus., paper, 25 cents. To inform those thinking about the selection of a life work.

CLOSED CIRCUIT TELEVISION: System Planning—M. A. Mayers and R. D. Chipp—*Rider, J. F.*, 250 p., illus., \$10.00. A guide for those who plan to install and use closed circuit television.

A CONCISE GUIDE TO PLASTICS—Herbert R. Simonds—*Reinhold*, 318 p., illus., \$6.95. An introduction to the ever-increasing variety of applications of modern plastics. Includes a list of manufacturers and what they produce.

COSTS OF ATTENDING COLLEGE: A Study of Student Expenditures and Sources of Income—Ernest V. Hollis and associates—*Govt. Printing Office*, Office of Education, 91 p., illus., paper, 45 cents. A study of full-time, single undergraduates of 110 colleges in 41 states.

DARWINISM: Reaction or Reform?—Bert James Loewenberg—*Rinehart*, 60 p., paper, 75 cents. Darwin, the author explains, did not discover the idea of evolution; he provided mankind with the conceptual and factual data for believing it.

ELECTROCHEMISTRY: Principles & Applications—Edmund C. Potter—*Cleaver-Hume (Macmillan)*, 418 p., illus., \$10.00. An introductory text for the technology student.

EXPERIMENTS IN SOIL BACTERIOLOGY—O. N. Allen—*Burgess*, 3rd ed., 127 p., diagrams, \$3.00. A laboratory manual especially for the senior or graduate student.

EXPLORING EARTH AND SPACE: The Story of the I. G. Y.—Margaret O. Hyde—*Whittlesey House*, 160 p., illus. by Clifford N. Geary, \$3.00. Telling young people what it is hoped the International Geophysical Year may accomplish in addition to the sputnik.

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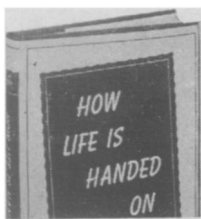
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FINANCIAL AID FOR COLLEGE STUDENTS: Undergraduate—Theresa Birch Wilkins—*Govt. Printing Office*, 232 p., paper, \$1.00. More students earn part of their college expenses by on-campus jobs than receive institutional scholarships.

THE FREEZING PRESERVATION OF FOODS: Volume I, Freezing of Fresh Foods—Donald K. Tressler and Clifford F. Evers—*Avi*, 3d rev. and augmented ed., 1214 p., illus., \$18.00. Of interest not only to those in the frozen food industry, but also to those who freeze food at home.

THE FREEZING PRESERVATION OF FOODS: Volume II, Freezing of Precooked and Prepared Foods—Donald K. Tressler and Clifford F. Evers—*Avi*, 3d rev. and augmented ed., 559 p., illus., \$10.00.

FUNDAMENTALS OF OPTICS—Francis A. Jenkins and Harvey E. White—*McGraw-Hill*, 3d ed., 637 p., illus., \$8.50. Text for an advanced undergraduate course covering both geometrical and physical optics.

GUIDE TO THE FISHES OF NEW MEXICO—William J. Koster—*University of New Mexico Press* in cooperation with the N. M. Dept. of Game and Fish, 116 p., illus., with drawings by the author, paper, \$1.00. Prepared in response to a host of questions by visitors and newcomers to the state.

HANDBOOK OF NOISE CONTROL—Cyril M. Harris, Ed.—*McGraw-Hill*, 1022 p., illus., \$16.50. This handbook type of presentation permitted a highly unified treatment of the specialized areas of noise, each one covered by an expert in his field.

HOW TO IDENTIFY PLANTS—H. D. Harrington—*Sage*, 203 p., illus., with drawings by L. W. Durrell, \$3.00. For the amateur botanist, the gardener and the beginning botany student.

INTERNATIONAL REVIEW OF CYTOLOGY: Volume VI—G. H. Bourne and J. F. Danielli, Eds.—*Academic*, 566 p., illus., \$12.00. Contributions from a large number of experts.

LABORATORY GUIDE FOR ELEMENTARY PLANT PHYSIOLOGY—Rufus H. Moore—*Burgess*, 144 p., illus., paper, \$3.00. Experiments for demonstration and for the student to perform in an introductory course.

MANUAL OF NUTRITION—Originally written by Magnus Pyke—*Philosophical Library*, 4th ed., 70 p., illus., \$3.50. Originally published in 1945, this book was intended to help the British people to get adequate nutrition under difficult conditions at the end of the War.

MARINE ELECTRICAL PRACTICE—G. O. Watson, chapters by R. A. Harvey, R. V. Mills and H. R. Ruff—*Philosophical Library*, 325 p., illus., \$12.00. Climatic conditions, vibration, the con-

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tinal motion of a ship and other conditions make electrical apparatus made primarily for land use unsuitable for ships.

NEW LIGHT ON THE MOST ANCIENT EAST—V. Gordon Childe—*Grove*, 4th ed., 255 p., paper, illus., \$1.75. The people of European antiquity can be understood only in the light of knowledge of the inventions of the ancient East.

NOTES ON ANALOG-DIGITAL CONVERSION TECHNIQUES—Alfred K. Susskind, Ed.—*The Technology Press*, 410 p., illus., paper, \$10.00. Discussing the new problems that arise when digital equipment is linked with physical systems.

THE ORIGIN OF LIFE ON THE EARTH—A. I. Oparin, translated from the Russian by Ann Synge—*Academic*, 3rd rev. ed., 495 p., illus., \$6.80. Exploring the problem of how life came to be in the universe and here on earth.

THE PHYSICIAN'S OWN LIBRARY: Its Development, Care and Use—Mary Louise Marshall—*Charles C. Thomas*, 87 p., \$3.00. A professional librarian offers advice to the practicing physician on how to care for his books and journal articles so that they will be of the greatest use to him.

THE PHYSICS OF FLOW THROUGH POROUS MEDIA—Adrian E. Scheidegger—*Macmillan*, 236 p., illus., \$14.00. Growing out of the need felt by research workers for a better idea of the present state of knowledge in the field.

PROCEEDINGS VOLUME OF THE GEOLOGICAL SOCIETY OF AMERICA FOR 1956—*Geological Society*, 252 p., paper, illus., \$1.50.

RADIATION SHIELDING—B. T. Price, C. C. Horton and K. T. Spinney—*Pergamon*, International Series of Monographs on Nuclear Energy, Division X, Vol. 2, 350 p., illus., \$10.00. Work on the nuclear submarine, nuclear ships and nuclear airplanes has given more importance to the weight and cost of the shield for the reactor.

REPTILES ROUND THE WORLD: A Simplified Natural History of the Snakes, Lizards, Turtles and Crocodilians—Clifford H. Pope—*Knopf*, 204 p., illus. by Helen Damrosch Tee-Van, \$3.00. Presenting boys and girls with a simplified natural history of these interesting creatures.

ROCKS AND MINERALS OF CALIFORNIA AND THEIR STORIES—Vinson Brown and David Allan—*Naturegraph*, rev. ed., 120 p., illus. by Velma Grant, maps by George Andrews and John Hinkel, color photographs by W. Scott Lewis, paper \$2.75, buckram \$4.50. Constant mountain building, volcanic action and the action of a great ocean have provided California with a wonderful variety of rocks and minerals.

THERE'S ADVENTURE IN ATOMIC ENERGY—Julian May—*Popular Mechanics*, 174 p., illus. by Frank C. Murphy, \$2.50. Story of a teenager who learns about atomic energy from his scientist-father.

THROUGH ALCHEMY TO CHEMISTRY: A Progression of Ideas & Personalities—John Read—*Bell and Sons (Macmillan)*, 206 p., illus., \$3.75. Tracing the history of what the author believes to be the most romantic of all the branches of science back to its beginnings in such sources as the Book of Genesis in the Bible.

TRANSISTOR A.F. AMPLIFIERS—D. D. Jones and R. A. Hilbourne—*Philosophical Library*, 152 p., illus., \$6.00. Including a brief, simple account of how the transistor works as well as the principles of its design.

VARICOSE VEINS—*American Heart Ass'n.*—11 p., illus., paper, free upon request direct to publisher, 44 E. 23 St., New York 10, N.Y. Information for patients.

ZOOGEOGRAPHY: The Geographical Distribution of Animals—Philip J. Darlington, Jr.—*Wiley*, 675 p., illus., \$15.00. This book is concerned principally with vertebrates because they are the best-known and geographically most significant animals.

Science News Letter, November 2, 1957

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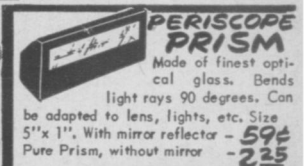
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