

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.

AMERICAN SEASHELLS—R. Tucker Abbott—*Van Nostrand*, 541 p., illus., \$12.50. This beautifully illustrated book about our seashore treasures was written not only for the student of marine biology, but also for the private collector of seashells who wishes to identify his find and learn about the animals that inhabited the shells.

AN ANALYSIS OF THE KINSEY REPORTS ON SEXUAL BEHAVIOR IN THE HUMAN MALE AND FEMALE—Donald Porter Geddes, Ed.—*New American Library*, 319 p., paper, 50 cents. Educators, sociologists and other specialists tell their impressions of the two Kinsey reports.

THE BROWN BOVERI BETATRON—R. Wideroe and others—*Brown, Boveri Corp.*, 71 p., illus., paper, free upon request to publisher, 19 Rector St., New York, N. Y. A summary of the experience obtained at the Radiotherapeutical Clinic in Zurich since the installation of the betatron, which is principally employed for therapeutical purposes.

COHORT FERTILITY: Native White Women in the United States—Pascal K. Whelpton—*Princeton University Press*, 492 p., \$6.00. A study of the fertility of actual groups of native white women year by year, as they live through the child-bearing period. It shows the way parents plan their families and space births so that they will occur in years they consider favorable.

DECORATING ON A BUDGET—Elizabeth Ogg—*Barrows*, 246 p., illus., \$4.50. A practical guide to help you spend your money wisely when redecorating or furnishing your new home.

DYNAMICS OF GROWTH PROCESSES—Edgar J. Boell, Ed.—*Princeton University Press*, 304 p., illus., \$7.50. Papers presented at the Eleventh Growth Symposium, ranging in scope from the analysis of virus reproduction to the mathematics of human population growth.

FARMING WITH NATURE—Joseph A. Cocanouer—*University of Oklahoma Press*, 147 p., \$2.95. Good farming, according to the author, consists largely of maintaining an unbroken, dynamic fertility chain in the land. This book explains nature's fertility links. A diversification of crops has much to do with keeping the land productive.

FUNDAMENTALS OF INORGANIC, ORGANIC AND BIOLOGICAL CHEMISTRY—Joseph I. Routh—*Saunders*, 3d ed., 418 p., illus., \$4.00. This textbook has been brought up to date, and due to the increasing importance of atomic energy in the world, the sections on radioactive isotopes and atomic energy have been expanded and rewritten.

GENERAL CHEMISTRY: A Topical Introduction—Eugene G. Rochow and M. Kent Wilson—*Wiley*, 602 p., illus., \$6.00. A textbook for the serious student, this presentation of chemical principles is not "watered down" but it is simplified.

GRAPHIC SURVEY OF SCIENCE—William Lemkin—*Oxford Book*, 378 p., illus., cloth \$2.20, paper \$1.20. A concise text for ninth grade.

HISTORY OF AMERICAN INDUSTRIAL SCIENCE—Courtney Robert Hall—*Library Publishers*, 453 p., \$4.95. In this country has been developed the most extensive and intricate industrial organization that the world has ever known; the author feels that this has contributed more than anything else toward making the United States a strong nation.

LABORATORY MANUAL OF CHEMISTRY—Joseph I. Routh—*Saunders*, 3d ed., 109 p., illus., paper, \$1.75. A new section of experiments on radioactivity has been included in this edition.

LIVING CRAFTS—G. Bernard Hughes—*Philosophical Library*, 192 p., illus., \$4.75. Describing the history and present techniques of a variety of crafts being practiced today.

THE MATING INSTINCT—Lorus J. and Margery J. Milne—*Little, Brown*, 243 p., illus., \$4.50. Sexual behavior of animals is presented here from the natural scientist's point of view. Mankind, the authors state, has no monopoly on sex.

OF WHALES AND MEN—R. B. Robertson—*Knopf*, 300 p., illus., \$4.50. Modern whaling as seen through the eyes of the senior medical officer to one of the largest Antarctic whaling expeditions of the 1950 season.

PHYSICAL GEOLOGY—L. Don Leet and Sheldon Judson—*Prentice-Hall*, 466 p., illus., \$9.00. This book is addressed to those who have had no previous training in science at the college level and are new to this subject. Physical geology deals with the nature and properties of the materials of the earth, their distribution, and what happens to them.

PHYSICS: A Basic Science—Elmer E. Burns and others—*Van Nostrand*, 3d ed., 546 p., illus., \$4.12. New developments in the constantly changing field of physics have been included in this revised high school textbook.

POPULATION GROWTH IN STANDARD METROPOLITAN AREAS 1900-1950: With an Explanatory Analysis of Urbanized Areas—Donald J. Bogue—*Govt. Printing Office*, 76 p., paper, 55 cents. (See page 285.)

RELAXATION METHODS—D. N. de G. Allen—*McGraw-Hill*, 257 p., illus., \$7.50. Designed to teach the engineering student how to use the relaxation method to solve mathematical problems which arise in engineering science and applied physics.

SHORT CUT TO PHOTOGRAPHY—Godfrey Frankel—*Sterling*, 128 p., illus., \$2.50. This book, written for teen-agers or beginners, is in simple, non-technical language.

STREPTOCOCCAL INFECTIONS—Maclyn McCarty, Ed.—*Columbia University Press*, 218 p., illus., \$5.00. Containing papers presented at the New York Academy of Medicine Symposium, February 25 and 26, 1953, reviewing aspects of the biology of streptococci and their relationship to diseases of man.

THROUGH THE MAGNIFYING GLASS: Little Things That Make a Big Difference—Julius Schwartz—*Whittlesey House*, 142 p., illus., \$2.50. Telling children about the fascinating world that can be discovered by looking through a magnifying glass.

WINE AS FOOD AND MEDICINE—Salvatore P. Lucia—*Blakiston*, 149 p., \$3.99.

Science News Letter, May 1, 1954

ENGINEERING

Car Color Can Mean Life or Death for You

► THE COLOR you pick for your new car or for a new paint job may make the difference between life and death.

This is indicated in a study of the relationship of color to depth perception by investigators at the University of California at Los Angeles Institute of Transportation and Traffic Engineering. They are George Mount, Harry Case, Wesley Sanders and Robert Brenner.

The study revealed that the contrast of a color with its background definitely influenced a person's judgment of the distance of an object. Certain colors made objects appear closer than other colors.

A group of 164 individuals viewed colored cards through a small aperture at a distance of approximately 200 feet. Cards which were either much darker or much lighter than the background appeared to be closer than cards whose brightness was more nearly that of their background. Blue and yellow cards appeared to be as much as six feet closer than cards of other colors at the same distance.

"A distance of six feet in distance judgment may be the difference between having a serious accident or not having one," the investigators point out.

A two-toned car of blue and yellow would seem to be one of the safest car color combinations. The darker blue is seen more easily in daylight and fog, while the lighter yellow is more easily seen at night.

Science News Letter, May 1, 1954

New Hearing Aid Without Tubes

Costly B-Battery eliminated! All battery costs slashed 80%! Powered by 3 genuine Raytheon Transistors! Vacuum tubes banished forever! For full information, use handy coupon below. No obligation whatsoever. A postcard will do.

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Beltone Hearing Aid Co., Dept. 3565
2900 W. 36th St., Chicago 32, Ill.
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