

# 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.

**THE AMERICAN EPHEMERIS AND NAUTICAL ALMANAC FOR THE YEAR 1958**—Nautical Almanac Office, U. S. Naval Observatory—*Govt. Printing Office*, 593 p., \$4.00. Essential reference work for astronomers.

**BIOLOGICAL TREATMENT OF SEWAGE AND INDUSTRIAL WASTES: Volume I, Aerobic Oxidation**—Brother Joseph McCabe and W. W. Eckenfelder, Jr., Eds.—*Reinhold*, 393 p., illus., \$10.00. Covering proceedings of a conference on biological waste treatment held in New York in 1955.

**BIRDS OF MIDWAY AND LAYSAN ISLANDS**—Alfred M. Bailey—*Denver Museum of Natural History*, 130 p., illus., paper, \$2.00. Illustrated profusely with beautiful photographs.

**BREEDING AND OTHER HABITS OF CASQUED HORNBILL (BYCANISTES SUBCYLINDRICUS)**—Lawrence Kilham—*Smithsonian*, Miscellaneous Collections Volume 131, Number 9, 45 p., illus., paper, 70 cents. Probably the first detailed description of these interesting birds, which wall the female into a hole in a tree while she is hatching her young.

**CHEMICAL PROCESS ECONOMICS IN PRACTICE**—J. James Hur, Ed.—*Reinhold*, 115 p., illus., \$3.95. Recording the fourth "Experience in Industry" symposium. Emphasis is on the practical aspects of the subject.

**THE CHEMISTRY OF PETROCHEMICALS**—Melvin J. Astle—*Reinhold*, 267 p., \$6.50. The beginning of the petrochemical industry was in the early 1920's, when ethylene glycol was made from ethylene by way of the chlorohydrin process. By 1955, more than a fourth of all chemicals produced in the U. S. were petrochemicals.

**CORNELL NATURE-STUDY LEAFLETS, 1896 to 1956**—Eva L. Gordon—*New York State College of Agriculture*, 63 p., illus., paper, 40 cents. With this issue, the Cornell Rural School Leaflets enter their 50th volume. In it are brought together materials from earlier leaflets including the first by Liberty Hyde Bailey on "How a Squash Plant Gets Out of the Seed."

**CURRENTS IN BIOCHEMICAL RESEARCH 1956**—David E. Green, Ed.—*Interscience*, 697 p., illus., \$10.00. Summarizing the work of a

decade on the great scientific puzzle of the chemistry of life.

**ECONOMY CAR BLITZ**—Joe H. Wherry with foreword by David R. Allen—*Associated Booksellers*, 185 p., illus., \$3.50. Explaining what you get if you buy one of those little foreign cars.

**ENCYCLOPEDIA OF ANIMAL CARE**—William C. Miller and Geoffrey P. West—*Williams & Wilkins*, 4th ed., 1080 p., illus., \$9.00. Formerly published under the title "Black's Veterinary Dictionary." Intended as a handy reference book for those who have no access to technical works on veterinary subjects.

**FOR HUSBANDS AND WIVES: A Plan for Happy Marriage and Family Living**—Paul H. Landis—*Appleton-Century-Crofts*, 260 p., \$3.95. By an educator who has selected as a research field problems of family and teen-age boys and girls.

**HANDBOOK OF BIOLOGICAL DATA**—William S. Spector, Ed.—*Saunders*, prepared under direction of a committee of the National Academy of Sciences and the National Research Council, 584 p., illus., \$7.50. More than 4,000 biologists contributed to this reference work.

**HOW TO UNDERSTAND THE OPPOSITE SEX**—William C. Menninger and others—*Sterling*, 192 p., illus., \$2.95. Based on questions raised by 3,000 boys and girls from 14 to 18 years of age. Naturally, sex questions are important, but teenagers are concerned about other matters, too. "Why do girls want you to spend so much money?" or "Why is it that boys don't want to dress up and look nice on a date?"

**MEN WITH GOLDEN HANDS: A Book of Surgical Miracles**—E. H. G. Lutz, translated by W. H. Johnson—*Appleton-Century-Crofts*, 269 p., \$3.75. Dramatic accounts of important operations and the surgeons who performed them. Technical language is used, but terms are explained in a glossary.

**MINING ROUND THE WORLD: Stories of Mines, Minerals and Men**—June Metcalfe—*Oxford University Press*, 123 p., illus. with drawings by Garry MacKenzie, \$2.50. A collection of stories about famous mines.

**MODERN INSTRUMENTS IN CHEMICAL ANALYSIS**—Frank M. Biffen and William Seaman—*McGraw-Hill*, 333 p., illus., \$7.50. To help the chemist choose the instrument best fitted to his special needs.

**MOTOR-CARS TO-DAY**—H. E. Milburn—*Oxford University Press*, 295 p., illus., \$3.50. If your car is a sealed mystery to you, this book is intended to reveal its secrets. It will surprise many American readers to see the steering wheel on the right.

**NEW ADVANCES IN MEDICINE—AND WHAT THEY MEAN TO YOU**—Morris Fishbein—*Hanover House*, 224 p., \$3.50. To keep you up to date on new medical discoveries.

**NEW ERA OF FLIGHT: Aeronautics Simplified**—Lewis Zarem and Robert H. Maltby—*Dutton*, 176 p., illus., \$3.75. With an abundance of photographs, this authoritative book is intended for children.

**THE OSCILLOSCOPE AT WORK**—A. Haas and R. W. Hallows—*Philosophical Library*, 171 p., illus., \$10.00. A practical guide to many applications of the cathode-ray oscilloscope especially in radio and television receivers.

**PROCESS DESIGN FOR PRODUCTION OF MALEIC ACID HYDRAZIDE FOR WEED CONTROL**—E. C. Moncrief and W. H. Sawyer—*Virginia Polytechnic Institute*, Bulletin, Engineering Experiment Station Series No. 114, 31 p., illus., paper, 50 cents. Railroads are important users of herbicides. Electric power companies and highways are also interested.

**RECENT ADVANCES IN SCIENCE: Physics and Applied Mathematics**—Morris H. Shamos and George M. Murphy, Eds.—*New York University Press (Interscience)*, 384 p., illus., \$7.50. Outgrowth of a symposium held in 1954 at New York University. Intended to inform busy scientists and engineers of what has been happening in fields other than their own.

**SCIENTIFIC USES OF EARTH SATELLITES**—James A. Van Allen, Ed.—*University of Michigan Press*, 316 p., illus., \$10.00. A compilation of 33 of the papers delivered at the 1956 meeting of the Upper Atmosphere Rocket Research Panel.

**STATISTICAL HANDBOOK OF CIVIL AVIATION—Aviation Statistics Group in the CAA Office of Planning, Research and Development**—*Govt. Printing Office*, 131 p., illus., paper, 55 cents.

**TEACHERS OF CHILDREN WHO ARE PARTIALLY SEEING: A Report Based on Findings From the Study "Qualification and Preparation of Teachers of Exceptional Children"**—Romaine P. Mackie and others—*Govt. Printing Office*, Office of Education Bulletin 1956, No. 4, 71 p., illus., paper, 30 cents. It was not until 1913 that provisions were made in public schools for children with partial sight.

**THE STUDY OF PLANT COMMUNITIES: An Introduction to Plant Ecology**—Henry J. Oosting—*Freeman*, 2d ed., 440 p., illus., \$6.00. Relationships between organisms and environment are emphasized and a foundation is laid for presentation of the concepts of succession and climax. Intended especially for college juniors and seniors.

Science News Letter, December 1, 1956

## Don't Wet Car To Wash It...

Hear neighbors ask how you keep your car so shiny clean! Wipe off DRY on nice days with \$2 KozaK Auto DRY Wash Cloth. Takes only minutes. Hose-wash only 2-3 times year if at all. KozaK safely wipes even dirtiest cars to proud beauty, higher trade-ins. Used for 30 years by over 10 million careful buyers like Cadillac owners. Guaranteed safe, easy, or money back. Let \$2 return you fifty in car-wash savings! Sold direct to you. Mail coupon now.

The Original  
 ① **KozaK** 819 S. Lyon St.  
 Auto DRY Wash Batavia, N. Y.  
 Please send me postpaid at once:  
 REG. \$2 KozaKs SUPER \$3 KozaKs  
 (millions use them) (lasts four times longer)  
 1 for \$2  1 for \$3

SPECIAL INTRODUCTORY OFFER  
 check  cash  Send Xmas wraps  
 2 Reg. (\$4) + 1 Super (\$3) = \$7 value—\$5  
 "made by people you can depend on  
 to do the right thing" ©



### by LINGUAPHONE

The World's Standard Conversational Method  
**SPANISH** (American or European) **FRENCH** • **GERMAN**  
**ITALIAN** • **RUSSIAN** • **JAPANESE**

34 languages available for FREE Trial at Home  
 A Linguaphone Recorded Language Set is a lasting gift—an invaluable asset in business, travel, school, armed services and social life. With LINGUAPHONE's life-like recordings, you LEARN any language the same easy, natural way you learned your own. AT HOME you hear 8 to 12 of the world's best native language teachers, both men and women, speak. You listen—you Understand—YOU SPEAK! Over a million home-study students. World-wide endorsement. WRITE for FREE Book: details of FREE Trial. Linguaphone Institute, T-31-126 Rock Plaza, N.Y. 20