

# Books of the Week

For the editorial information of our readers, books received for review 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.

**ADVANCES IN BLOOD GROUPING**—Alexander S. Wiener—*Grune*, 549 p., \$11. Collection of articles covering research since 1954, arranged by topic in logical order, with comments to bring the subject up-to-date.

**AMERICAN INDUSTRIAL RESEARCH LABORATORIES**—Frederick A. White—*Public Affairs Press*, 227 p., \$6. Annotated review of the contributions made to modern science by the industrial laboratories, with particular attention to the field of analytical instruments.

**ATOMS AND ENERGY**—F. R. Elwell—*Criterion Bks.*, 144 p., illus., \$3.50. Introduction to the principles of the atom and its contributions, for young people.

**THE BIOCHEMISTRY OF INSECTS**—Darcy Gilmore—*Academic*, 343 p., \$8. Text and working manual for investigators in insect metabolism and biochemistry.

**BIOGRAPHY OF PHYSICS**—George Gamow—*Harper*, 338 p., illus., \$5.95. Each chapter centers around a single great scientist whose contributions serve as background to explaining the development in the basic laws of physics.

**BIOLOGICAL APPROACHES TO CANCER CHEMOTHERAPY**—R. J. Harris, Ed.—*Academic*, 431 p., illus., \$14. Papers of symposium held at Louvain, June 1960, under the auspices of UNESCO and the World Health Organization.

**BIOLOGICAL EDUCATION IN AMERICAN SECONDARY SCHOOLS, 1890-1960**—Paul DeHart Hurd—*AIBS*, 263 p., illus., \$4.75. Reports on 70 years of curriculum development and investigations of classroom and laboratory learning in American high schools.

**BIOLOGICAL EFFECTS OF MICROWAVE RADIATION, Vol. 1: Proceedings**—George M. Knauf, Chmn., Mary Fouse Peyton, Ed.—*Plenum Press*, 333 p., illus., \$10. Papers on the measurement and protection against environmental hazards to animals and personnel from radar and other radio frequency installations.

**BIOLOGY THROUGH MICROBES: A Laboratory Guide**—Alfred S. Sussman—*Univ. of Mich. Press*, 202 p., illus., paper, \$3.95. Laboratory manual stressing precision and imagination.

**BLOOD PLATELETS**—Shirley A. Johnson and others, Eds.—*Little*, 732 p., illus., \$18.50. Papers and discussions covering research on the morphology, physiology, biochemistry and pathology of blood platelets, presented by 56 leading investigators at the Henry Ford Hospital International Symposium, held in Detroit in 1960.

**THE BOOK OF BIRD LIFE: A Study of Birds in Their Native Haunts**—Arthur A. Allen—*Van Nostrand*, 2nd ed., photographs by author, illus. by W. C. Dilger, \$9.75. Readable introduction to ornithology, outlining the principles that govern the actions of birds and suggesting methods of study.

**CAREERS AND OPPORTUNITIES IN PHYSICS**—Philip Pollack, introd. by Marsh W. White—*Dutton*, rev. ed., 159 p., photographs, \$3.75. Up-to-date information for young people about the nature of, qualifications for, and opportunities of careers in physics.

**DOCTORS, PATIENTS AND HEALTH INSURANCE: The Organization and Financing of Medical Care**—Herman Miles Somers and Anne Ramsay Somers—*Brookings*, 576 p., \$7.50. Comprehensive study of how private medical care is organized and financed in the United States, summing up technological change and critical areas for policy decisions.

**EFFECTIVE COLLEGE RECRUITING**—George S.

Odierne and Arthur S. Hann—*Bur. of Industrial Relations, Univ. of Mich.*, 288 p., \$5. Analyzes the annual "million-dollar manhunt" on college campuses, and makes practical suggestions to company recruiters and students.

**ELECTRONICS PACKAGING WITH RESINS: A Practical Guide for Materials and Manufacturing Techniques**—Charles A. Harper—*McGraw*, 339 p., illus., \$11. Introduction to the developments in materials, methods and techniques employed in packaging electronic components.

**EVERYMAN'S CLASSICAL ATLAS**—J. Oliver Thomson—*Dutton*, rev. ed., 195 p., maps, photographs, \$5. Includes 70-page essay on the development of ancient geographical knowledge and theory.

**FRENCH: French-English, English-French (American English)**—Richard Switzer and Herbert S. Gochberg—*Follett*, 512 p., \$2.50; indexed, \$2.95. Practical modern dictionary with short traveler's conversation guide.

**GERMAN: German-English, English-German (American English)**—Paul H. Glucksman; Herbert Rodeck, Ed.—*Follett*, 543 p., \$2.50; indexed, \$2.95. Modern dictionary with traveler's conversation guide.

**INTRODUCTION TO HI-FI**—Clement Brown—*Gernsback*, 188 p., illus., \$5; paper, \$3.20. Information on how to achieve high quality sound reproduction in the home.

**INTRODUCTORY SYSTEM ANALYSIS: Signals and Systems in Electrical Engineering**—William A. Lynch and John G. Truxal—*McGraw*, 450 p., illus., \$7.50. Textbook presenting fundamental concepts of linear systems analysis.

**LIFE'S LONG JOURNEY**—Kenneth Walker—*Nelson*, 191 p., \$3.50. British surgeon's thoughts on evolution and man.

**LINEs, WAVES AND ANTENNAS: The Transmission of Electric Energy**—Robert Grover Brown, Robert A. Sharpe and William Lewis Hughes—*Ronald*, 297 p., illus., \$10. Introductory text in the area of electric energy propagation.

**SOVIET PSYCHOLOGY: A Symposium**—Transl. from Russian with foreword by Ralph B. Winn—*Philosophical Lib.*, 109 p., \$3.75. Psychologists of contemporary Russia express the principles underlying educational programs in Soviet Russia.

**STUDIES IN ITEM ANALYSIS AND PREDICTION**—Herbert Solomon, Ed.—*Stanford Univ. Press*, 310 p., \$8.75. On the application of mathematics to problems in psychology, such as item analysis, test design and classification.

**THESE RUINS ARE INHABITED**—Muriel Beadle—*Doubleday*, 359 p., \$4.95. Lively story of a year spent at Oxford University, by the wife of the Nobel Prize-winning geneticist.

**TOPOLOGY**—John G. Hocking and Gail S. Young—*Addison-Wesley*, 374 p., illus., \$8.75. Graduate course, presenting both point-set and algebraic methods in a unified treatment of basic topology.

**WEATHER, WATER AND BOATING**—Donald A. Whelpley—*Cornell Maritime*, 151 p., illus. by Carl W. Henry, Jr., photographs, \$4. Practical up-to-date weather information for sailors by a meteorologist who likes boating.

**THE WORLD OF GEOLOGY**—Introd. by L. Don Leet and Florence J. Leet, Eds.—*McGraw*, 262 p., illus., \$4.25. The story of geology, from the origin of the earth to erosion, a short survey for the layman.

• Science News Letter, 79:391 June 24, 1961

**6-IN-1 ONLY MACHINE OF ITS KIND!**  
**UNIMAT**



Compact workshop for all metal, plastic, wood. Precision lathe, milling machine, drill press, surface grinder, polishing/grinding machine, portable drill. Choice of 3 models from \$64.50. WRITE FOR FREE CATALOG AND BUDGET PLAN. AMERICAN EDELSTAAL, INC. Dept. OH, 350 Broadway, New York 13, N. Y.

## YOUR HAIR

Its Health, Beauty and Growth

By Herman Goodman, M.D.

A medical specialist tells you what to do to save and beautify your hair, stimulate healthier hair growth, and deal with many problems, as: Dandruff—gray hair—thinning hair—care of the scalp—baldness—abnormal types of hair—excessive oiliness—brittle dryness—hair falling out—infection—parasites—hair hygiene—glands—diet—coloring—and myriad other subjects concerning hair.

"Discusses the many problems of hair retention, regrowth and removal."—Science News Letter.

**287 pages—PROFUSELY ILLUSTRATED!**  
Price \$3.95, Postfree. 5-Day Money-Back Guarantee

EMERSON BOOKS, Inc., Dept. 285-M  
251 W. 19th Street, New York 11

## AMBER LUNER FILTER

A useful accessory for every telescope.

Excellent for viewing the moon and the brighter planets. Improves seeing by a point or two and greatly reduces glare. Enables you to see a wealth of rather curious detail of small light and darkish areas under high solar illumination (full Moon). \$1.00 each postpaid.

HARRY ROSS Scientific & Lab Apparatus  
61-L Reade St., N.Y. 7, N.Y.

**FREE**  
50  
PAGE  
OBSERVER'S  
GUIDE



With artificial satellites already launched and space travel almost a reality, astronomy has become today's fastest growing hobby. Exploring the skies with a telescope is a relaxing diversion for father and son alike. UNITRON's handbook contains full-page illustrated articles on astronomy, observing, telescopes and accessories. It is of interest to both beginners and advanced amateurs.

### CONTENTS INCLUDE:

Observing the sun, moon, planets and wonders of the sky • Constellation map • Hints for observers • Glossary of telescope terms • How to choose a telescope • Astrophotography

**UNITRON**  
INSTRUMENT COMPANY • TELESCOPE SALES DIV.  
66 NEEDHAM ST., NEWTON HIGHLANDS 61, MASS.

Please rush to me, FREE of charge,  
UNITRON'S OBSERVER'S GUIDE and TELESCOPE  
CATALOG # 5-Q-4

Name \_\_\_\_\_  
Street \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_