

# Books of the Week

Listing is an editorial service for readers' information. For convenient purchase of any book listed or any U.S. book in print, remit retail price (we pay postage) plus 25¢ handling charge if price is less than \$2 to Book Order Service, Science News, 1719 N St., N.W., Washington, D.C. 20036. Prices subject to publishers' changes. Be sure to include zip code in your address.

**DRUGS IN CURRENT USE, 1967**—Walter Modell, Ed.—Springer Pub. Co., 152 p., \$2.75. Alphabetical listing of drugs currently in use in clinical medicine, indicating actions and uses, with short essays on pharmacologic groups.

**FIGHTER AIRCRAFT OF THE UNITED STATES**—Terry Morgan—Arco Pub. Co., 96 p., photographs, scale drawings by Richard Groh, \$3.50; paper, \$1.95. About Phantoms, Thunder Streaks and Tigers of the air.

**FREE AND INEXPENSIVE EDUCATIONAL AIDS**—Thomas J. Pepe—Dover, 3rd rev. ed., 175 p., paper, \$1.75. Lists some 1,700 objectively informative items useful as aids for classroom discussion and supplementary reading.

**FUNDAMENTAL NUCLEAR ENERGY RESEARCH 1966**—U.S. Atomic Energy Commission—GPO, 359 p., illus., paper, \$2.50. Supplemental report to the annual report to Congress for 1966, summarizes the most noteworthy recent developments and some of an exploratory research nature.

**A GUIDEBOOK TO THE MOJAVE DESERT OF CALIFORNIA** including Death Valley Joshua Tree National Monument and the Antelope Valley—Russ Leadabrand—Ward Ritchie Press, 180 p., photographs, paper, \$1.95. A detailed travel guide to the natural and historical sites of one of Southern California's outdoor recreational areas.

**HEROES & AEROPLANES OF THE GREAT WAR 1914-1918**—Joseph A. Phelan—Grosset & Dunlap, 128 p., illus., and designed by author, \$7.95. Gives a vivid record from the first use of aircraft in war—Italian reconnaissance against the Ottoman Empire in 1912—to the armistice in 1918.

**INFORMATION**—Editors of SCIENTIFIC AMERICAN—Freeman, W. H., 218 p., illus., \$5; paper, \$2.50. A comprehensive review of the uses of information technology, system analysis and programming, time-sharing, information storage and retrieval.

**THE LIVES OF ANIMALS**—Sydney Anderson—Creative Educational Society, 144 p., illus., maps, \$4.95. Introduces young people to a variety of animal orders, their special features, fossils, food chains and the interrelatedness of life.

**MAN AND INSECTS: Insect Allies and Enemies**—L. H. Newman—Natural History Press (Doubleday), 252 p., illus., \$5.95. An intriguing look at the entomologist's world, for young people as well as the general reader.

**THE OCEANS: A Treasury of the Sea World**—Seon Manley and Gogo Lewis, Eds.—Doubleday, 262 p., illus., \$3.95. Selections from the literature of marine stories, both adventurous and scientific.

**OUR POLLUTED WORLD: Can Man Survive?**—John Perry—Watts, F., 213 p., \$4.95. A readable summarization of what is known about the polluting influences of the human environment, from physical properties and the chemical nature of water to landscape pollution.

**PEARY: The Explorer and the Man**—John Edward Weems—Houghton, 362 p., photographs, map, \$6.95. Biography based on Peary's personal papers, contains new material about the Arctic

explorations of the late 19th and early 20th centuries.

**THE PLAY THEORY OF MASS COMMUNICATION**—William Stephenson—Univ. of Chicago Press, 225 p., \$5. A study of mass communication from the standpoint of the entertainment it affords, examining this element in public attitudes about war, peace, ideologies and national character.

**PRINTED CIRCUITS HANDBOOK**—Clyde F. Coombs, Jr., Ed.—McGraw 536 p., illus., \$15. A detailed guide covering the field of printed circuit design, fabrication, assembly and testing.

**STANDARDS AND PRACTICES FOR INSTRUMENTATION: A Compilation of Complete ISA Recommended Practices and Abstracted Standards for Other Organizations**—James E. French, Ed.—Instrument Society of America, 2nd ed., 550 p., diagrams, \$30. Complete single source, contains more than 460 instrumentation and control standards and recommended practices developed by 24 technical societies.

**WORLD AVIATION DIRECTORY** listing Aviation Companies and Officials, Winter 1966-67—Donald W. Dean, Ed.—Am. Aviation Pubns., 1,318 p., paper, \$15. Covers the United States, Canada and 145 countries in Europe, Central and South America, Africa and Middle East, Australasia and Asia.

**THE WORLD OF LEARNING, 1966-67**—Europa Publications, 17th ed., 1,578 p., \$25. This indispensable directory to the world's universities colleges, libraries, learned societies, museums, research institutes and international scientific organizations has been greatly expanded with new material in all sections of the chapter on the U.S.S.R. The number of U.S. accredited universities and colleges described is now nearly 1,200.

**THE WORLD OF THE MOON**—Henry C. King—Crowell, 125 p., illus., \$3.95. Written by astronomer for those who know very little but want to know more about the moon, its occultations and eclipses, tides, origin and surface, including man's attempt to land on the moon.

**HOW ANIMALS TELL TIME**—Millicent E. Selsam—Morrow, 94 p., illus. by John Kaufmann, \$2.95. Tells young boys and girls about biological clocks in a variety of animals.

**PLASTICS: The Man-Made Miracle**—Walter Bubehr—Morrow, 96 p., illus. by author, \$3.25. For young readers.

**PROBABILITY: The Science of Chance**—Arthur G. Razzell and K. G. O. Watts—Doubleday, 48 p., illus. by Ellen Raskin, \$2.50. Helps children visualize and encourages experimenting with aspects of probability.

**THIS IS 4: The Idea of a Number**—Arthur G. Razzell and K. G. O. Watts—Doubleday, 48 p., illus. by Ellen Raskin, \$2.50. Encourages children to experiment with and understand the concept of number.

## TEXTBOOKS

**CONCEPTS IN CHEMISTRY**—Arthur W. Greenstone, Frank X. Sutman and Leland G. Hollingsworth—Harcourt, 704 p., illus., \$6.20. A five-unit textbook for a laboratory-oriented high school course, offers complete program with teacher's manual, student laboratory manual and test booklet.

**ESSENTIALS OF BIOLOGY**—C. Leland Rodgers—Barron's Educational Series, 551 p., illus., paper, \$2.50. An up-to-date study guide reference and review book.

**EXPLORING BIOLOGY: The Science of Living Things**—Ella Thea Smith and Thomas Gordon Lawrence—Harcourt, 6th ed., 766 p., illus., \$6.40. Introductory high school biology textbook with new emphasis on biochemistry and the relationship between structure and function.

## FREE BOOK!

"How do you play chess?" 48-page book with 86 questions on rules, strategy, history, etc., answered by Fred Reinfeld. Excellent for beginners. Entirely free; no strings attached; no obligation. Supply limited, write now. Dept. SNL, Dover, 180 Variek St., N.Y., N.Y. 10014

**HIGH EXPLOSIVES AND PROPELLANTS**—S. Fordham—Pergamon Press, 223 p., diagrams, \$3.50. A teaching manual, mainly concerned with the British explosives industry.

**LABORATORY TESTS IN COMMON USE**—Solomon Garb—Springer Pub. Co., 4th ed., 192 p., \$2.85. Useful to nursing and medical students, describes 145 tests, with added information on interfering materials.

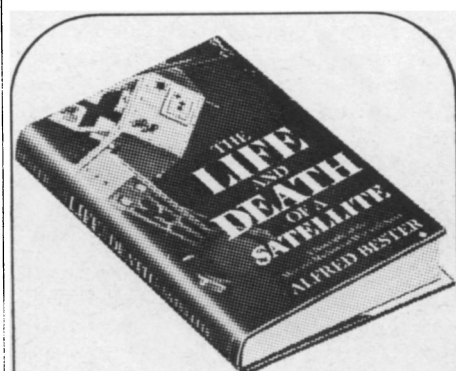
**MAPPINGS OF THE PLANE: With Applications to Trigonometry and Complex Numbers**—H. E. Chrestenson—Freeman, 171 p., diagrams, paper, \$2.50. Material taught in summer institutes to secondary school teachers, prepares the way for a study of vector spaces and linear transformations.

**THE METALLOIDS**—Eugene G. Rochow—Heath, 111 p., illus., paper \$1.95. Concerned with the elements which lie between the true metals and the nonmetallic elements in the Periodic Table, treated more extensively than the topic can be treated in the usual chemistry textbooks.

**THE NOBLE GASES**—Howard H. Claassen—Heath, 117 p., diagrams, paper, \$1.95. The primary purpose of this book is to make the recent developments in the chemistry of the noble gases easily available to students.

**SEMIMICRO EXPERIMENTS** for the Chem Study Program—John F. Schaff, Kenneth H. Niedfeldt and John M. Brawders—Heath, 132 p., illus., paper, \$1.68. Offers a structured laboratory approach which may be adapted to any text currently in use in high schools. Teacher's Guide available for \$1.68.

**TAXONOMY OF FLOWERING PLANTS**—C. L. Porter—Freeman, 2nd ed., 472 p., 399 illus., \$7.75. Offers the basic principles needed by students in a beginning course in taxonomy, together with illustrated descriptions of more than a hundred families of flowering plants representative of the North American flora.



Now clearly explained for all — the whole story of the U.S. unmanned satellite program

"Interesting . . . unusual . . . Mr. Bester's avowed purpose is to explain to the general reader the thinking behind space devices, the excitement of research and the pleasure of overcoming obstacles. He succeeds very well."  
—WILLY LEY,  
N. Y. Times Book Review

## THE LIFE AND DEATH OF A SATELLITE

by Alfred Bester. Illustrated, \$5.95 at bookstores or from Little, Brown and Company, 34 Beacon St., Boston, Mass.

## FROM LITTLE ACORNS THE STORY OF YOUR BODY

by Frances W. Butterfield

Pictures by Dorothy M. Weiss

In STORY FORM, tells your child—from "toy age" to teen age—ALL about the human body—the eyes, ears, teeth, muscles, blood, digestive system, reproductive system. A CHARMING words-and-pictures story as well. It tells about these things in terms of ordinary, everyday events and objects your youngster already knows about. "Accurate . . . factual . . . skillful . . . intelligent. Should be a great help to parents as well as young people. Recommended highly for home libraries."—LIBRARY JOURNAL.  
"Readers . . . will love the charming story, interwoven with accurate, factual stories of the body."—TODAY'S HEALTH.  
"Clever new sort of physiology for boys and girls . . . with excellent, simple diagrams of our insides. . . . Most parents will welcome heartily the final chapter, "Male and Female."—NEW YORK HERALD TRIBUNE.

\$3.95 Postfree • 10-Day Money-Back Guarantee  
EMERSON BOOKS, Inc., Dept. 205-R  
251 West 19 Street, New York 10011