Gift Books

A TREASURY OF JEWELS AND GEMS By Mona Curran



Covers many aspects of gems, from the sources of the precious stones to the care of the finished jewels. It gives backgrounds of famous stones and traces the development of various styles of jewelry. There are chapters on setting and cutting gems; birthstones; the Crown Jewels of England and other royal gems; period jewelry; famous gems; choosing and caring for jewelry; special chapters on the five precious gems and on the semi-precious stones. Etc., etc.

WITH 16 FULL-PAGE PHOTOGRAPHIC PLATES \$4.50

THE HOLIDAY PAINTER

By J. Martin-Barbaz PAINT AS YOU LEARN and start framing your work this very season! Now available in English—the fabulous Martin-Barbaz "self-teaching" course that is turning Frenchmen from Paris to Provence into accomplished artists . . . ready to fill your weekends and holidays ready to with creative joy. Delightfully simple method enables you to learn by painting! You'll mar-



vel at the ease with which lighthouses, bridges, summer friends, city scenes and natural wonders come to life on your canvas.

THE ANATOMY OF GOLF By John Stobbs



Anatomy

Anatomy

of Golf

Technique

Techni

THE MATH ENTERTAINER

By Philip Heafford
Mathematical teasers, ticklers,
and twisters designed to puzzle
and delight the reader.

"A varied offering for the person who enjoys recreational mathematics." — American Library Association Booklist.
"When he is all through, the

reader will have had a lot of fun—and is likely to have a better grasp of mathematics and mathematical reasoning."—Bulletin of the National Association of Secondary-School Principals



cipals.

Answers and explanations are given.

Illustrated \$2.95

EVERY BOY'S JUDO By A. P. Harrington



"Youngsters will be fascinated by the information con-cerning proper footwork, various and counters, balance and position, and specific holds and locks. Comprehensive, deand vividly, ranging from simple to more complex techniques

and further clarified by 87 illustrations. Glossary of Japanese terms." *Library Journal*.

87 line drawings \$2.95

ORDER NOW! All prices postfree
10-Day Money-Back Guarantee
EMERSON BOOKS, Inc., Dept. 567-M
251 West 19 Street, New York 11

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.

Archaeology as a Hobby-Virginia J. Fortiner, foreword by Joseph V. Noble-47 p., illus., \$1. Informative for young people.

BEHAVIORAL ASPECTS OF ECOLOGY-Peter H. Klopfer-Prentice-Hall, 173 p., \$5.25. Modern approach to the problems of ecology, showing how psychological studies can lead to better understanding.

BIRD WATCHING AS A HOBBY—Robert Wells, foreword by Roland C. Clement—Hammond, 48 p., illus., \$1. Ranges from recognition to record keeping and life study.

THE CAVENDISH LABORATORY: Nurserv Genius—Egon Larsen, foreword by Sir John Cockcroft—Watts, F., 95 p., photographs, \$3.95. About the history and the scientists at the successful research laboratory of Cambridge University.

COMPARATIVE BIOCHEMISTRY: A Comprehensive Treatise, Vol. IV: Constituents of Life-Part B—Marcel Florkin and Howard S. Mason, Eds.—Academic Press, 841 p., \$26. Treats the optical asymmetry of metabolites, nucleic acids, sclerotization and other biochemical phenomena of life throughout the phylogenetic scale.

D-DAY: The Invasion of Europe-Al Hine; S. L. A. Marshall, Consultant—Am. Heritage (Meredith), 153 p., illus., \$3.95. Depicts and summarizes the history-making operation, for young people.

DYNAMICS OF ATMOSPHERIC THEORY-Robert Clifton Duncan-McGraw, 306 p., diagrams, \$12.50. Basic working knowledge of physical phenomena associated with entry of astronautical vehicles into planetary atmospheres.

THE DYNASTY OF ABU: A History and Natural History of the Elephants and Their Relatives, Past and Present—Ivan T. Sanderson—Knopf, 384 p., illus., \$5.95. Zoologist's world-wide account of what is known about elephants and loxodonts, in very readable prose.

THE ENZYMES, Vol. 6: Group Transfer, Syntheses Coupled to ATP Cleavage—Paul D. Boyer, Henry Lardy and Karl Myrback, Eds.—Academic Press, 2nd ed., 684 p., \$20. Completely revised edition of earlier work.

FINDING OUT ABOUT ANCIENT EGYPT-H. E. L. Mellersh-Lothrop, 144 p., photographs, \$3. For boys and girls.

FINDING OUT ABOUT THE INCAS-Cottie A. Burland-Lothrop, 160 p., illus., \$3. For boys and girls.

HERE COME THE SQUIRRELS!-Alice E. Goudey—Scribner, 94 p., illus. by Garry MacKenzie, \$2.75. Charming nature study for young readers.

THE HERITAGE OF KITTY HAWK-Walter T. Bonney—Norton, 211 p., photographs, \$5. Readable account of early aviation up to World War I.

THE HORIZON BOOK OF LOST WORLDS-Leonard Cottrell; Marshall B. Davidson, Ed.—Am. Heritage (Doubleday), 431 p., 480 illus., \$17.95. Handsome volume, serving layman as an illustrated guide to past civilizations, covering more than 4,000 years, from Sumer to the Mayans.

IN THE DEEP BLUE SEA-Elizabeth Morgan-Prentice-Hall, 72 p., illus. by Peter P. Plasencia, \$2.95. About ocean exploration, for young readers.

THE MAGIC OF WORDS-Arthur Alexander-Prentice-Hall, 71 p., illus. by R. S. Alexander, \$2.95. Makes children aware of symbols and language communication.

MAN TO THE MOON-Hanniford Rush-McNally, 96 p., illus., \$2.95. Describes NASA's Project Apollo, for boys and girls.

Man's Discovery of His Past: Literary Landmarks in Archaeology-Robert F. Heizer, Ed.-

Prentice-Hall, 179 p., illus., \$4.50; paper, \$1.95. Collection of important original reports.

MATHEMATICS IN YOUR WORLD-K. W. Menninger, transl. from German by P. S. Morrell and J. E. Blamey—Viking, 291 p., illus., \$5. Entertaining discussion of mathematical thinking and the nature of mathematics, from games

Passenger Car Design and Highway Safety -James L. Goddard and others—Assn. for the Aid of Crippled Children (Consumers Union), 290 p., illus., paper, \$2.75. Proceedings on a conference on research in vehicle design.

PERMANENT MAGNETS AND MAGNETISM: Theory, Materials, Design, Manufacture and Applications—D. Hadfield, Ed.—Wiley, 556 p., illus., \$16.50. Comprehensive work, written primarily in the MKS system with equivalents given in CGS system.

PHARMACOGENETICS: Heredity and the Response to Drugs—Werner Kalow—Saunders, 231 p., diagrams, \$8. Reviews recent research on responses to drugs and their modification by hereditary influences.

RADIO CONTROL—V. N. Tipugin and V. A. Veytsel, transl. from Russian—JPRS (OTS), 831 p., diagrams, paper, \$9. On missile control, guidance methods, and radio control of ballistic rockets and earth satellites.

RAND McNally Cosmopolitan World Atlas-Rand McNally, rev. ed., 400 p., 192 p. full-color maps, illus., \$14.95. Enlarged edition contains new relief maps, comparative world maps and other special features.

SATELLITES AS A HOBBY-Lloyd Mallan, foreword by I. M. Levitt—Hammond, 46 p., illus., \$1. For young people.

A SOPHISTICATE'S PRIMER OF RELATIVITY-P. W. Bridgman, prologue and epilogue by Adolf Grunbaum—Wesleyan Univ. Press, 191 p., \$4.50. The late Nobelist's final reflections on fundamental questions pertaining to Einstein's special theory of relativity.

TEACHING MACHINES AND PROGRAMED LEARN-ING: A Survey of the Industry, 1962—James D. Finn and Donald G. Perrin—OE (GPO), 85 p., illus., paper, 55¢. Survey of industry, directory of machine and programs, manufacturers and publishers.

THEORIES OF ELECTRONS IN MOLECULES liam T. Simpson-Prentice-Hall, 183 p., \$9. Examines and updates classical theories of electron dynamics in a unified treatment of the one-electron and many-electron approaches.

TRAIL BLAZERS OF TECHNOLOGY: The Story of Nine Inventors-Harland Manchester-215 p., illus. by Anthony Ravielli, \$3.50. Biographical sketches of inventors, such as Diesel, Tesla and de Forest, for young people.

ULTRA-HIGH-PURITY METALS-W. G. Pfann and others-Am. Soc. for Metals, 264 p., illus., \$10.50. Eleven papers summarizing major advances in metals of the highest purity.

WEATHER FORECASTING AS A HOBBY-Robert Wells, foreword by Carol Reed-Hammond, 47 p., illus., \$1. A guide for young people, from observing the sky to building a home weather

A Wonderful World for Children—Peter Cardozo with Lilli Taylor, Eds.—Bantam Bks, 4th ed., 245 p., paper, 50¢. Updated popular guide to free and low cost information.

WORLD WITHOUT WANT-Paul G. Hoffman-Harper, 144 p., photographs, \$3.50. An experienced and responsible look at the international efforts to combat the world's poverty illiteracy.

• Science News Letter, 82:340 November 24, 1962