

# Books of the Week

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**HARDNESS MEASUREMENT OF METALS AND ALLOYS**—Hugh O'Neill—Chapman & Hall (Barnes & Noble), 1967, 2nd ed., 238 p., 17 plates, diagrams, \$11. Technical monograph for the metallurgical engineer, deals with the development of various hardness tests, their applications and the responses of metallographic changes in specimens.

**THE LAND, WILDLIFE AND PEOPLES OF THE BIBLE**—Peter Farb—Harper, 1967, 171 p., illus. by Harry McNaught, maps, \$3.95. A handsome and informative book for the whole family.

**THE MIND: 12 Studies that Unlocked the Secrets of the Unconscious**—Lucy Freeman, Ed.—Crowell, 1967, 143 p., \$4.95. Presents in simple language selected original case histories by pioneers in psychoanalytic theory.

**MODELING OF THINKING AND THE MIND**—N. M. Amosov, transl. from Russian by Leo Finegold—Spartan Bks., 1967, 192 p., diagrams, \$12. Surveys principles of information processing and modeling in complex living systems, discusses intracellular homeostatic mechanisms and offers the author's hypotheses concerning programs for man's psychic functions and modeling of mental functions.

**OILS, DETERGENTS AND MAINTENANCE SPECIALTIES, Vol. 2: Formulary**—Benjamin Levitt—Chemical Pub. Co., 1967, 259 p., \$13.75. Gives hundreds of formulas, from aerosols for specific purposes, bactericides-fungicides-sanitizers to cleaners for household and industry, laundering, and treatment of metals.

**THE ORIGINS OF CHEMISTRY**—Robert P. Multhauf—Watts, F., 1967, 412 p., 9 plates, \$7.95. In an attempt to give the full range of ancestry to chemistry, the author presents a scholarly account of the science of matter as found in technology, philosophy, alchemy and medicine from earliest times down to the 17th century.

**PRACTICAL ELECTRICAL WIRING: Residential, Farm and Industrial**—H. P. Richter—McGraw-Hill, 1967, 7th ed., 594 p., illus., \$8.50. Based on the 1965 National Electrical Code, this instructional manual has been completely revised and updated.

**THE SNOTTERS: Form and Life of the Rhinogradines**—Harald Stumpke, epilogue by Gerolf Steiner, transl. from German by Leigh Chadwick—Natural Hist. Press, 1967, 92 p., illus. by G. Steiner, \$3.95. An elaborate spoof on taxonomy, complete with notes, citations and plates.

**THEORY OF FOG CONDENSATION**—A. G. Amelin, rev. & ed. by B. V. Deryagin, transl. from Russian—IPST (Daniel Davey, N.Y.), 1967, 236 p., diagrams, \$14. Presents principles of fog formation, derives formulas for the prediction and prevention of fog, and discusses in detail the different processes leading to the development of supersaturation.

**TWINS AND SUPERTWINS**—Amram Scheinfeld, Arthur Falek, Ed.—Lippincott, 1967, 292 p., illus. by author, \$6.95. A comprehensive account of the lives of the multiple-born from conception to maturity—their type differences, health factors, psychological traits, social relationships, unique experiences and special problems—as revealed by scientists, by parents of twins and by twins themselves.

**ULRICH'S INTERNATIONAL PERIODICALS DIRECTORY: Second Annual Supplement**—Marietta Chicorel, Ed.—Bowker, 1967, 12th ed., 118 p., paper, \$6.95. Provides information on approximately 3,000 newly recorded worldwide periodicals in the fields of science, technology, medicine and social sciences, as well as 450 newly suspended publications.

**WILD FLOWERS OF THE UNITED STATES, Vol. II (in 2 Parts): The Southeastern States**—Harold William Rickett—McGraw-Hill, 1967, 760 p., 1,695 full color photographs, 384 line drawings, boxed, \$44.50. Written by specialists for the layman, the descriptions are scientifically accurate, glossary explains botanical terms; to aid identification, 101 families are arranged in 15 groups. This second of the five-volume encyclopedia comprises 1,900 species found from the Atlantic to Arkansas and Eastern Texas and from the southern borders of Virginia, Kentucky and Missouri to the Gulf of Mexico.

**YOUR GROWING CHILD AND SEX: A Parent's Guide to the Sexual Development, Education, Attitudes and Behavior of the Child, from Infancy through Adolescence**—Helene S. Arnstein with The Child Study Association of America—Bobbs-Merrill, 1967, 188 p., \$4.95. Describes general behavior patterns and attitudes at different stages, with suggestions how to deal with them.

**ZOOS OF THE WORLD: The Story of Animals in Captivity**—James Fisher—Natural Hist. Press, 1967, 253 p., photographs, \$5.95. A zoologist's guided tour through the history of the zoos of the world, with much up-to-date information about the procurement, health and care of captive animals.

**EXPLORATIONS IN CHEMISTRY**—Jack Myers and Joel H. Hildebrand—Highlights for Children, 1967, 32 p., illus., paper, 75¢. Designed for independent readers at elementary level, the book suggests self-directed activities and simple experiments to demonstrate basic chemical principles.

**JUNIOR SCIENCE BOOK OF BIRD LIFE**—Georgia Pierce—Garrard Pub. Co., 1967, 64 p., photographs, \$2.19. Elementary level reading about the habits of birds.

**LIFE IN THE UNIVERSE**—Alvin Silverstein and Virginia B. Silverstein—Van Nostrand, 48 p., illus. by Lee Ames, \$3.95. Explores with the youngest readers the question of life in space.

**MAN THE THINKER**—Anne Terry White and Gerald S. Lietz—Garrard Pub. Co., 1967, 80 p., illus. by Ted Schroeder, \$2.32. Explains the process and purpose of thinking to young readers.

**TERMITE WORKS FOR HIS COLONY**—Donna E. DeSeyn—Holiday House, 1967, 48 p., illus. by Juan Barberis, \$2.95. Tells about the complex life of a termite worker in simple language a child can read with interest.

**THEY LIVED IN THE ICE AGE**—Julian May—Holiday House, 1967, unpagged, illus. by Jean Zallinger, \$3.75. Explains to young children how glaciers were formed and how they affected life on this continent.

## Textbooks

**INTRODUCTION TO PLANT BREEDING**—Fred N. Briggs and P. F. Knowles—Reinhold, 1967, 426 p., illus., \$12.50. Text designed for advanced undergraduate students, relates plant breeding to the underlying genetic principles; wheat has been used to illustrate breeding principles for self-pollinated crops, and corn for cross-pollinated.

**INVESTIGATING THE EARTH**—Earth Science Curriculum Project—Houghton, 1967, 594 p., photographs, diagrams, maps, \$8. A secondary school text sponsored by the American Geological Institute, carefully planned and tested, it stresses the investigative approach to finding out about the dynamics of the earth, earth cycles, history, evolution and the environment of the earth.

## LEARN MODERN MATH!

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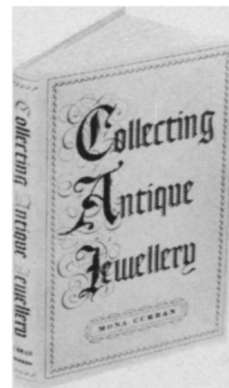
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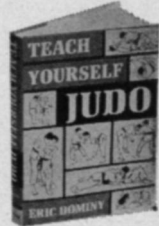


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