

# Books of the Week

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**ACTIONS OF CHEMICALS ON DIVIDING CELLS**—Bengt A. Kihlman—Prentice-Hall, 260 p., illus., \$7.50. Presents selected studies of effects of certain widely-used chemicals on chromosome structure and mitosis, showing that the metabolic processes most frequently involved in deleterious effects on cells are oxidative phosphorylation and DNA synthesis.

**ANIMAL APPETITES**—George F. Mason—Morrow, 96 p., illus. by author, \$2.95. Brings together many interesting facts about eating habits of animals underground, on the ground and above, and in the pond, with a chapter on feeding wild animals.

**ANIMALS AT MY DOORSTEP**—Helen Hoover—Parents' Magazine Press, 60 p., illus. by Symeon Shimin, \$2.95. Wildlife observed from a log cabin in the wilderness of northern Minnesota, written for young readers.

**THE COMPARATIVE ETHOLOGY AND EVOLUTION OF THE SAND WASPS**—Howard E. Evans—Harvard Univ. Press, 526 p., illus., \$15. This study compares the behavior patterns of a series of genera and species of digger wasps belonging to the one subfamily (Nysosoninae) of the Sphecidae, includes treatment of comparative external morphology.

**DOLPHINS**—Mickie Compere—Four Winds Press, 48 p., illus. by Irma Wilde, photographs, \$1.95. Easy and interesting reading for young children.

**EDUCATORS GUIDE TO FREE SCIENCE MATERIALS**—Mary Horkheimer Saterstrom, Ed., John W. Renner, Consult.—Educators Progress Service, 7th ed., 358 p., paper \$8.25. Classified information on titles, sources and contents of 1,109 films, 59 filmstrips and 311 other free science curricular enrichment aids currently available.

**EMOTIONALLY HANDICAPPED CHILDREN AND THE ELEMENTARY SCHOOL**—Eli Z. Rubin, Clyde B. Simson and Marcus C. Betwee—Wayne State Univ. Press, 286 p., \$12.50. This monograph is based on an extensive research study of kindergarten through second-grade children showing evidence of chronic social, emotional and academic maladjustment.

**ENGINEERING AND EVALUATION STUDY FOR THE MANUFACTURE OF WOOD-PLASTIC COMPOSITES**—J. H. Frankfort and K. M. Black—USAEC (CFSTI-KLX-1876), multi-paged, diagrams, paper, \$2.25. This Vitro Engineering report constitutes a complete analysis of the current "state-of-the-art" derived from up-to-date development work in wood plastics materials products.

**EXPERIMENTS IN MAGNETISM AND ELECTRICITY**—Harry Sootin—Norton 244 p., illus. by Julio Granda, \$3.95. Describes about 200 basic experiments that can be done at home, essential background material precedes each experiment. Republication (1962).

**FAMILY PLANNING, POPULATION PROBLEMS AND THE SECONDARY SCHOOL CURRICULUM**—Dorothy L. Millstone, Ed.—Planned Parenthood, 40 p., illus., paper, 50¢ direct to Planned Parenthood-World Population, 515 Madison Ave., New York 10022. Gives high school teachers the advice of experts on how to teach their classes about the world population crisis.

**GIVE YOUR CHILD A SUPERIOR MIND:** A Program for the Pre-school Child—Siegfried and Therese Engelmann—Simon & Schuster, 317 p., diagrams, \$6.50. Based on practical experience with preschool-age children, the book gives examples and guidelines for each age group, from 18 months to five years, for patient parents to gradually develop a child's learning powers, observation, memory and interests.

**GOUT: A Handbook for Patients**—Arthritis Foundation, 12 p., paper, single copies free upon request direct to foundation, 1212 Ave. of the Americas, New York 10036. Discusses causes, symptoms and treatment, for the layman.

**GROWING BULBS IN THE HOUSE**—Xenia Field—St. Martin's Press, 136 p., photographs, \$3.95. Informs the beginner about choice, growing and culture of indoor bulbs, classifying them by ease of cultivation.

**A GUIDE TO ROMAN BRITAIN**—Leonard Cottrell—Chilton Bks., 337 p., plates, maps, \$6.95. An updated edition of the book first published in England in 1955, giving an account of a journey of some 3,500 miles through Roman Britain.

**LOOKING AT HOLLAND**—Anna Loman—Lippincott, 64 p., photographs, maps, \$2.95. Describes contemporary Holland, its land, cities, people, industries, sports and culture.

**MODERN HOME REMEDIES** and How to Use Them—Morris Fishbein, M.D.—Doubleday, 129 p., \$3.95. A readable, authoritative discussion of common medical problems, from headaches to motion sickness, and what to do about them.

**NATURAL WONDERS OF THE WORLD**—Robert Stock—Parents' Magazine Press, 94 p., photographs, \$2.95. From the Sahara Desert to the Greenland ice cap, from the Amazon rain forest to the geysers of Hawaii, this book shows young readers in short essays and pictures the dramatic variety of the surface of the earth.

**THE PEOPLE OF JAPAN**—Pearl S. Buck—Simon & Schuster, 255 p., photographs by Stuart Fox, \$6.95. Narrative and photography, partly in color, combine to give a perceptive portrait of that special blend of traditional and modern that characterizes life in Japan today.

**PHENOMENOLOGY AND PHYSICAL SCIENCE: An Introduction to the Philosophy of Physical Science**—Joseph J. Kockelmans—Duchesne Univ. Press, 208 p., \$6.95; paper, \$6.20. Endeavors to rethink the old problems of the relationship between philosophy and physical science in the light of existential phenomenology.

**PHYSICAL GEOGRAPHY RECONNAISSANCE: Las Bela Coastal Plain, West Pakistan**—Rodman E. Sneed—La. State Univ. Press, 118 p., photographs, maps, paper, \$2.50. An interpretation of the physical changes a little known segment of the Alpine-Himalayan geosynclinal belt has undergone during the Quarternary Period.

**A REFERENCE BOOK OF ENGLISH WORDS AND PHRASES FOR FOREIGN SCIENCE STUDENTS**—R. F. Price—Pergamon Press, 190 p., illus., \$3.95. To be used as an aid when reading books of science, making notes, or when describing experiments. Intended to teach the non-technical English words and phrases needed to describe and explain things and events scientifically.

**SEEING AND PERCEIVING**—C. W. Wilman—Pergamon Press, 158 p., illus., flexicover, \$2.95. Investigates in lay language the problems and paradoxes of vision and visual perception.

**THE STATE AND THE MENTALLY ILL: A History of Worcester State Hospital in Massachusetts, 1830-1920**—Gerald N. Grob—Univ. of N.C. Press, 399 p., \$7.50. This study of a pioneer state hospital illustrates the interacting evolution of psychiatric theory and practice, state policy and public attitudes with respect to mental illness.

**TICA 2: Second Conference on Technical Information Center Administration**—Arthur W. Elias, Ed.—Spartan Bks., 169 p., \$6.75. Topics of papers range from skillful report writing to evaluation of retrieval systems.

**TREES OF THE WEST** Identified at a Glance—Matilda Rogers, foreword by Mildred E. Mathias—Ward Ritchie Press, 126 p., photographs by Wynn Hammer, \$3.95; paper, \$1.95. Introduces the common cultivated trees to be seen in the subtropical areas of the world.

**THE U.S. AIR FORCE IN SPACE**—Lt. Col. Eldon W. Downs. USAF, Ed.—Praeger, F.A., 150 p., illus. \$5.95. An account of America's space



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activities with emphasis on the Air Force's special role in recent explorations, for the technically minded layman.

**WHICH IS WHICH?**—Solveig Paulson Russell—Prentice-Hall, 32 p., illus. by Gail E. Haley, \$3.50. Explains to children the differences between butterflies and moths, snails and slugs, monkeys and apes, crows and ravens, and other similar looking animals.

**THE WORLD: Countries and Civilizations**—Martin Hurlimann, supplementary text by Ernst Winkler—Viking Press, 374 p., 390 photographs, 48 color plates, maps, \$28.50. Presents the world in a series of pictures with introductory essays to the continents, special notes on the illustrations, key map and index. Printed in Switzerland.

**THE WORLD OF THE PORCUPINE**—David F. Costello—Lippincott, 157 p., photographs by author, \$4.95. Takes the readers through the seasons in porcupine country, giving a full account of the porcupine's nature and habits.

**THE YEAR BOOK OF NUCLEAR MEDICINE, Vol. 1, 1966**—James L. Quinn, III, M.D., Ed.—Year Bk. Medical Publishers, 384 p., illus., \$10. Contains selection of articles on application of radioisotopes in the diagnosis and treatment of disease. Arranged under organ-system chapter headings, radiation physics and instrumentation, radiochemistry and radiopharmacology, health physics and radiation biology.

## Do You Know?

Europe and America were first permanently connected by a *transatlantic cable* on July 27, 1866.

The Russians will soon publish a map of Europe showing *earthquake zones* by "contours" of the relative stability of the earth's crust.

A new *monopropellant* which burns through rock has been developed as an outgrowth of advanced propulsion technology.

A new "*light bulb*" powerful enough to illuminate missiles as they fly into space, can be used to track missiles at night or during dawn and dusk.

When Alaska became a state in 1958 she gained title to 104 million acres of *land* from the public domain.

## GOLF: Your LEFT SHOULDER makes the amazing difference!



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His method has now been tested on a large scale and been found to yield simply astounding results! Not only do golf scores take a sudden drop, but with the new method good golf is a hundred times easier than bad—because it is **NATURAL** (not strained) golf.