

# Books of the Week

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**ALLIED ELECTRONICS DATA HANDBOOK**—Eugene Carrington, Ed.—Allied Radio Corp., 5th ed., 112 p., diagrams, paper, 75¢. Updated reference material, mathematical data, radio and electronics formulas, engineering and servicing data, and mathematical tables.

**THE ATLANTIC SHORE:** Human and Natural History from Long Island to Labrador—John Hay and Peter Farb—Harper, 246 p., drawings, maps, \$6. An intimate and accurate study of the life patterns along the North Atlantic shore.

**BE FIT FOR LIFE:** A Practical Guide to Physical Well-Being—Kaare Rodahl, M.D.—Harper, 214 p., illus. by Dorothy Robinson, \$5.95. Detailed handbook demonstrating programs for the preventive maintenance of health and for the increased effectiveness of the body through exercise, rest and diet.

**BIRDS OF NORTH AMERICA:** A Guide to Field Identification—Chandler S. Robbins, Bertel Bruun and Herbert S. Zim—Golden Press, 340 p., 2000 illus. in color by Arthur Singer, \$4.95; plastic coated paperback \$2.95. A field guide to 699 species, eastern and western, land and water, giving characteristics, habitat maps and bird song charts.

**CAPTAINS OF INDUSTRY**—Bernard A. Weisberger, Alan Nevins, Consultant, and Eds. of American Heritage—Am. Heritage (Harper), 155 p., illus., \$4.95. Colorful pictorial history of the times when men like Vanderbilt, Guggenheim, McCormick, Carnegie and Ford made their fortunes.

**CLASSICS IN EDUCATION**—Wade Bskin, Ed.—Philosophical Lib., 728 p., \$12. An anthology of contributions on the subject of educational theories and practice, ranging from Aristotle to Jerome Bruner, from Plutarch to Whitehead.

**A CONCEPT OF LIMITS**—Donald W. Hight—Prentice-Hall, 138 p., diagrams, \$3.95. A comprehensive treatment of the conceptual foundations and practical applications of limits in mathematics, providing an introduction to calculus.

**CONCEPTS OF CALCULUS II**—A. H. Lightstone—Harper, 502 p., diagrams, \$8.75. An undergraduate mathematical text, presents the calculus of function with several arguments.

**CURRENT VETERINARY THERAPY 1966-1967:** Small Animal Practice—Robert W. Kirk, Ed.—Saunders, 2nd ed., 723 p., illus., \$17.50. Concise, up-to-date information about the treatment of medical conditions encountered in pet practice. Appendices include roster of normal values and physiological data, and roster of drugs and unusual equipment.

**DETERRENCE BEFORE HIROSHIMA:** The Airpower Background of Modern Strategy—George H. Quonster—Wiley, 196 p., \$6.95. Annotated study made under the auspices of The Center for International Affairs, Harvard University, tracing the strategic complications of air strategy from 1899 to 1945.

**EGGS**—and What Happens Inside Them—Margaret Cosgrove—Dodd, 63 p., illus. by author, \$3.25. About the development of embryos of various species, in language children can understand.

**FAMILY PLANNING AND POPULATION PROGRAMS:** A Review of World Developments—Bernard Berelson and others, Eds.—Univ. of Chicago Press, 848 p., \$12.50. Proceedings of the International Conference on Family Planning Programs, Geneva, 1965. Reports on achievements and problems of national programs, the organization and administration of programs, contraceptive methods used, research and evaluation of pilot projects.

**FAMOUS MATHEMATICIANS**—Frances Benson Stonaker—Lippincott, 118 p., \$3.50. Biographies of creative contributors to the complex mathematical system of today, from Euclid to Norbert Wiener, for young people.

**FILMING TV NEWS AND DOCUMENTARIES**—Jim Atkins, Jr. and Leo Willette—Chilton Bks., 158 p., photographs, \$5.95. Reviews the state of television newsfilm today, and offers practical, specific advice.

**FOUNDATIONS OF ALGEBRA AND ANALYSIS:** An Elementary Approach—Anthony R. Lovaglia and Gerald C. Preston—Harper, 516 p., \$8.95. Covers the mathematics fundamental to courses in algebra and analysis, particularly to the calculus sequence.

**FREE-LANCE MAGAZINE PHOTOGRAPHY:** A Guide to the Working Photojournalist—Lou Jacobs, Jr.—Chilton Bks., 160 p., photographs, \$5.95. Written by a free-lance photographer, the book covers the media, ideas, research, equipment, materials, specific practices and markets.

**THE HOLE IN THE MOUNTAIN**—Mabel Otis Robison—Dodd, 127 p., photographs, \$3.50. The story of the discovery and explorations of Carlsbad Caverns in New Mexico, for young people.

**INFINITE MATRICES AND SEQUENCE SPACES**—Richard G. Cooke—Dover, 347 p., paper, \$2.50. Unabridged reprint of work first published in 1950.

**INTEGRAL ANIMAL BEHAVIOR**—David E. Davis—Macmillan, 118 p., illus., paper, \$1.95. Summarizes the anatomical and physiological foundations for behavior, and deals with the behavioral aspects of the integration of individuals into a coherent population which itself generates new types of population behavior.

**INTERNAL FACTORS IN EVOLUTION**—Lancelot Law Whyte—Braziller, 128 p., \$4. Discusses from a general point of view the idea of an internal selection process that acts directly on mutations, mainly at the molecular, chromosomal and cellular level, through the system's capacity for coordinated activity.

**AN INTRODUCTION TO ABSTRACT ALGEBRA**—Cyrus Colton Mac Duffee—Dover, 303 p., paper, \$2.25. Unabridged reprint of work originally published in 1940.

**LABOR IN A CHANGING AMERICA**—William Haber, Ed.—Basic Bks., 341 p., \$5.95. Authoritative contributions discuss the history, problems and prospects of U.S. trade unionism, patterns of employment and unemployment, changing living standards of U.S. labor, income distribution, modes of settling wage disputes and other aspects of the impact of dramatic changes on the American wage earner.

**THE LASER:** Light that Never Was Before—Ben Patrusky—Dodd, 128 p., photographs, diagrams by James MacDonald, \$3.50. Summarizes the evolution of the laser for the layman.

**MUSICAL ABILITY IN CHILDREN AND ITS MEASUREMENT**—Arnold Bentley—October House, 151 p., illus., \$5.95. Discusses in non-technical language theories concerning musical ability, its development in the early years and a wide range of tests, their correlation to I.Q., problems and interpretations of group testing.

**THE NEW WORLD OF RUBBER**—Irmen-garde Eberle—Dodd, 80 p., photographs, \$3. A short survey of the many ways in which rubber serves man today.

**PARAMEDICAL MICROBIOLOGY**—Stanley E. Wedberg—Reinhold, 462 p., illus., \$8.50. Written for students interested in the paramedical sciences as a possible career.

**PEACEFUL USES OF AUTOMATION IN OUTER SPACE:** Proceedings of the First IFAC Symposium on Automatic Control in the Peaceful Uses of Space, June 1965, Stavanger, Norway—John A. Aseltine, Ed.—Plenum Press, 577 p., illus., \$22.50. Papers and panel discussion dealing with launch and mid-course guidance, attitude control, ground stations and tracking, entry and landing.

**SIGNIFICANT ACHIEVEMENTS IN PLANETOLOGY**—James G. Beckerley—NASA Sp-99 (GPO), 71 p., illus., paper, 45¢. Deals with the condensed matter of the solar system excluding

the sun, covers terrestrial observations, simulation studies and observations from spacecraft.

**SPECIAL PRODUCTS FROM FRESHWATER FISH**—A. W. Lantz—Fisheries Research Bd. of Canada (Queen's Printer, Ottawa), 45 p., photographs, \$2. Bulletin assesses and interprets current scientific knowledge in methods and types of processing, including utilization of nonmarketable freshwater species.

**TINKERBELLE**—Robert Manry—Harper, 254 p., photographs, illus. by Roy C. Hearn, \$5.95. The story of the 13½ foot sloop's voyage across the Atlantic in 78 days.

**TREASURE OF KENYA**—Malcolm MacDonald—Putnam, 285 p., photographs by Christina Loke, \$17.95. Depicts with colorful close-ups and describes more than 150 of the familiar and less known African birds and beasts, from the Avocet to Grevy's Zebra.

**A TREATISE ON BESSEL FUNCTIONS and Their Applications to Physics**—Andrew Gray and G. B. Mathews, 2nd ed. by A. Gray and T. M. MacRobert—Dover, 327 p., paper, \$2.25. Revised 1922 edition.

**VIRUSES OF LABORATORY RODENTS**—Robert Holdenried, Ed.—GPO, 180 p., plates, \$2.50. This National Cancer Institute monograph reviews the natural history of the indigenous viruses of laboratory mice, discusses commercial production of mice with a specified flora, and viral status of "germfree" mice.

**WING, LEGS AND FINS**—Henry B. Kane—Knopf, unpagged, photographs, illus., \$3.25. Makes children aware of the ways animals move.

**WHAT IS AN INCH?**—Leonore Klein—Harvey House, 48 p., illus. by Leonard Kessler, \$2.75. Tells young readers how we measure things.

**WONDERS OF HEAT AND LIGHT**—Owen S. Lieberg—Dodd, 64 p., photographs, diagrams by author, \$3. Covers for the general reader such topics as solar batteries, light rays, heat energy and heat measurement, heat engines and infrared photography.

• Science News, 89:518 June 25, 1966

## ZOOLOGY

### Second Kiwi Hatched In Australian Zoo

► A SECOND KIWI has been hatched at Taronga Park Zoo, Sydney. Keepers saw it for the first time when it emerged from a burrow with the parent birds and the chick hatched earlier this year.

The chicks are the first kiwis hatched in captivity outside New Zealand.

The zoo's honorary director, Sir Edward Hallstrom, said that the hatchings would arouse great interest among zoologists.

He thinks there may be another egg in the burrow ready for hatching.

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## How to Argue and Win!



Here is a clear simply written basic guide to logical thinking, showing how to spot the fallacies, the prejudices and emotionalism, the inappropriate analogies, etc., in the other fellow's argument and how to watch for and avoid the irrational in your own judgments. The author makes plain not only *how* but also *why* people resist facing the truth.

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### GEMS FROM THE MOON! TEKTITES

(See "TEKTITE" in your Dictionary)  
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