

# books OF THE WEEK

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**ACCIDENTS AND HOMICIDE**—Albert P. Iskran and Paul V. Joliet—Harvard Univ. Press, 1968, 202 p., \$5. This Vital and Health Statistics Monograph sponsored by the American Public Health Association presents comprehensive analysis of the factors involved in the incidence of accidental death and injury and of homicide in the United States.

**AGGRESSION AND DEFENSE: Neural Mechanisms and Social Patterns (Brain Function, Vol. V)**—Carmine D. Clemente and Donald B. Lindley, Eds.—Univ. of Calif. Press, 1967, 361 p., illus., \$15. Result of an interdisciplinary symposium, this volume examines a variety of animal societies—from the lowest to the highest—for manifestations of aggression and defense, and seeks to explain the nature and origin of these behaviors.

**AMERICAN MEN OF SCIENCE, SUPPLEMENT 4**—Jaques Cattell Press, Ed.—Bowker, 1968, 11th ed., 523 p., \$20. Completes THE PHYSICAL AND BIOLOGICAL SCIENCES section of the 11th edition by adding 4,670 new biographies received after publication of their proper alphabetical volumes. Contains additional data on 13,650 scientists with entries in the first five volumes of the biographical directory.

**ANIMALS IN FIELD AND LABORATORY: Science Projects in Animal Behavior**—Seymour Simon—McGraw-Hill, 1968, 160 p., illus. by Emily McCully, \$4.95. Suggests dozens of interesting experiments for boys and girls.

**ANIMALS SOUTH OF THE BORDER**—B. F. Beebe—McKay, 1968, 146 p., illus. by James Ralph Johnson, \$3.95. About the tropical world of animal life in Mexico, including hints for observers and photographers.

**AS I REMEMBER: The Autobiography of Stephen P. Timoshenko**—Stephen P. Timoshenko, transl. from Russian by Robert Addis—Van Nostrand, 1968, 430 p., illus., \$9.75. The life and thoughts of an influential teacher, writer and researcher on two continents, who has been called "the father of engineering mechanics" in the United States.

**ASIAN DRAMA: An Inquiry Into the Poverty of Nations, Vols. I, II and III**—Gunnar Myrdal—Pantheon, 1968, 2,284 p., diagrams, paper, boxed set \$8.50. A thorough study of the political problems, economic realities, the concepts and practice of planning, problems of labor utilization, population size and population quality in Asia's underdeveloped nations.

**BASIC INSTRUMENTATION FOR ENGINEERS AND PHYSICISTS**—A.M.P. Brookes—Pergamon Press, 1968, 191 p., photographs, diagrams, \$5.50; flexi-cover \$4. Deals with the elements of instruments: measurement of length, mass and time; transducers, laser, and instrument systems.

**BASIC PRINCIPLES OF MOLECULAR GENETICS**—Irwin H. Herskowitz—Little, Brown, 1967, 302 p., illus., flexi-cover, \$6. Deals with the molecular basis of the information contained in organisms for their self-maintenance and self-reproduction, and tells how organisms make use of this information.

## MEET THE HEAVENS!

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**BAYOU BACKWATERS**—Allan W. Eckert, introd. by Marlin Perkins—Doubleday, 1968, 155 p., illus. by Joseph Cellini, \$4.95. Charming book, for young and old, about Louisiana wildlife, the armadillo, snakebird, water moccasin, dragonfly and many others.

**BONDING THEORY**—Donald J. Royer—McGraw-Hill, 1968, 275 p., diagrams, \$10.75. General introduction to bonding theory and quantum chemistry, addressing the practicing chemist.

**CELL WALLS AND MEMBRANES**—H. J. Rogers and H. R. Perkins—Spon Ltd. (Barnes & Noble), 1968, 436 p., 15 plates, diagrams, \$12. Describes the structure, function and biosynthesis of the outer layers of the cells of living material, with emphasis on the chemistry and biochemistry of the subject rather than the morphology.

**CHOICE AND CHALLENGE FOR THE AMERICAN WOMAN**—Gladys Evans Harbeson—Schenkman Pub. Co., 185 p., \$7.95. Examines the American woman's life patterns, old and new, factors shaping modern trends, and suggests methods for adapting educational and professional development to the individual and specifically feminine patterns of intermittent demands of family life.

**CONSERVATION OF LIBRARY MATERIALS: A Manual and Bibliography on the Care, Repair and Restoration of Library Materials**—George Daniel Martin Cunha—Scarecrow Press, 1967, 405 p., illus., \$10. Handbook deals with the nature of library materials, their enemies, general care of specific materials, repair and restoration.

**COWLES GUIDE TO GRADUATE SCHOOLS**—Robert M. Friedberg, Ed., with Patricia H. Fink—Cowles Educ. Corp., 1968, 531 p., paper, \$3.95. Essential information on more than 1,400 graduate and professional schools.

**THE GARDEN BULBS OF SPRING**—Marc Reynolds and William L. Meachem—Funk & Wagnalls, 1968, 237 p., photographs by Malak of Ottawa, \$5.95. Informative modern handbook on how to plan the spring garden, for both beginners and experienced gardeners.

**HUMAN GUINEA PIGS: Experimentation on Man**—M. H. Pappworth—Beacon Press, 1968, 228 p., \$5.95. A member of Britain's Royal College of Physicians presents selected evidence and his critical comments concerning the controversy about the ethical problems of human experimentation.

**KATMANDU**—Colin Simpson—Taplinger, 1968, 104 p., color plates, photographs, map, \$7.95. Handsomely illustrated travel book, takes the reader on guided tours to the showplaces in Nepal and through the capital of Katmandu in particular.

**LATTICE DEFECTS AND THEIR INTERACTIONS**—R. R. Hasiguti, Ed.—Gordon & Breach, 1968, 1144 p., diagrams, prof. \$35; ref. \$68. Deals with elementary defects, simple complexes and their interactions; clusters and dislocation loops, radiation damage, collective behaviors, and motions of dislocations and their results.

**MEN WHO DIG UP HISTORY**—Lynn and Gray Poole—Dodd, 1968, 175 p., photographs, \$4. Biographical sketches of ten archaeologists and their discoveries.

**MENTAL HEALTH SYSTEMS IN SCANDINAVIA**—David J. Vail, with comments by Christian Astrup—Thomas, C.C., 1968, 157 p., \$8. Intended as an orientation to the mental health and mental retardation programs in Norway, Sweden and Denmark.

**THE MIRACLE OF FLIGHT**—Richard Cromer and Staff of Don Meier Productions; introd. by Marlin Perkins—Doubleday, 1968, 160 p., illus. by Joseph Cellini, \$4.95. About birds' wings and the principles they use to overcome gravity, soar and navigate.

**ORDER AND LIFE**—Joseph Needham—M.I.T. Press, 1968, 175 p., illus., paper, \$2.45. Reprint (1936), presents a fundamental view of biological order as it appeared before the development of electron microscopy.

**PAPERS ON BIOLOGICAL MEMBRANE STRUCTURE**—Selected by Daniel Branton and Roderic B. Park—Little, Brown, 1968, 311 p., illus., flexi-cover, \$6. Discusses earlier models of membrane structure, models based on direct observation using X-ray diffraction and electron microscopy, and attempts to systematize membrane structure and function.

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**PAPERS ON PLANT SYSTEMATICS**—Selected by Robert Ornduff—Little, Brown, 1968, 429 p., illus., flexi-cover, \$6. Papers serve to illustrate the diversity of problems investigated by plant systematists and the variety of techniques used in investigating these problems.

**A PARADISE OF BIRDS: When Spring Comes to Texas**—Helen Gere Cruickshank—Dodd, 1968, 398 p., 48 photographs by Allan D. Cruickshank, \$7.50. Attractive book by a team of field naturalists specializing in bird life.

**THE PERSON IN PSYCHOLOGY: Selected Essays**—Gordon W. Allport—Beacon Press, 1968, 440 p., portrait, \$9.95. Includes autobiographical sketch together with major essays on personality, personal growth, prejudice, and interpretations of other psychologists.

**THE PREDICAMENT OF THE FAMILY: A Psycho-Analytical Symposium**—Peter Lomas—Internat'l Univ. Press, 1967, 219 p., \$5.50. Collection of essays on problems in family relationships in contemporary society, viewed with a psycho-analytic frame of reference.

**RADAR ASTRONOMY**—John V. Evans and Tor Hagfors, Eds.—McGraw-Hill, 1968, 620 p., illus., \$19.50. Expert summaries of the advances in radar measurements of target scattering properties, radio wave propagation in the ionosphere, spin and orbital motions of planets; radar studies of moon, planets and sun; and the equipment of radar astronomy systems.

**SMALL-ANGLE—X-RAY—SCATTERING**—H. Brumberger, Ed.—Gordon & Breach, 1968, 509 p., illus., \$29.50; paper, \$13. Report on Symposium held in 1965 at Syracuse University, includes material ranging from polymer chemistry to biophysical metallurgy.

**SUMMER JOBS IN NATIONAL PARKS**—Eugene H. Falk and Michael O'Hara—O'Hara/Falk Research (Taplinger), rev. ed., 173 p., photographs, maps, \$7.95; paper, \$3.95. Describes and lists jobs in 31 national parks, discussing qualifications and working conditions.

**THIS STRANGER, MY SON: A Mother's Story**—Louise Wilson—Putnam's, 1968, 247 p., \$5.95. An account of a highly motivated mother's efforts to raise a "difficult" though gifted child, victim of paranoid schizophrenia.

## CHILDREN'S BOOKS

**A BOOK OF MARS FOR YOU**—Franklyn M. Branley—Crowell, 1968, 64 p., illus. by Leonard Kessler, \$3.95. Explains some problems of planetary flight to beginning readers.

**DREAMS**—Larry Kettelkamp—Morrow, 1968, 96 p., illus. by author, \$2.95. Introduces boys and girls to some research findings about dreaming and how scientists investigate.

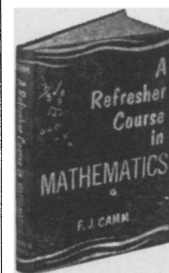
**HORSES: How They Came to Be**—Julian May—Holiday House, 1968, unpag., illus. by Lorence F. Bjorklund, \$3.75. About the evolution of the horse.

**INSECT MASQUERADES**—Hilda Simon—Viking Press, 1968, 93 p., illus. by author, \$4.75. About the ways and means of camouflage insects have developed, about beetles with overdeveloped parts, and how to hunt for bugs in garden and field.

**LET'S FIND OUT ABOUT SUBTRACTION**—David C. Whitney—Watts, F., 1968, 64 p., illus. by Eva Cellini, \$2.65. Demonstrates the mechanics and language of simple subtractions to beginners.

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