

Books of the Week

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THE AERONAUTS: A History of Ballooning, 1783-1903—L. T. C. Rolt—Walker & Co., 267 p., plates, \$5.95. A general account of 120 years of ballooning, with chronology, racing events and bibliography.

ANIMAL GAMETES (MALE): A Morphological and Cytochemical Account of Spermatogenesis—Vishwa Nath—Asia Publishing House (Taplinger), 162 p., 184 plates, \$13.50. Comprehensive account of the structure and physiology of gametes in a large number of species with particular reference to such cytoplasmic inclusions as Golgi bodies, mitochondria, centrioles and axial filaments.

THE BIRTH CONTROLLERS: Peter Fryer—Stein & Day, 384 p., illus., \$6.95. An annotated account of the chief pioneers of birth control, showing the opposition they encountered and summarizing the various contraceptive methods they taught.

BOLD MEN, FAR HORIZONS: The Story of Great Pioneer Flights—Herbert Molloy Mason, Jr.—Lippincott, 197 p., photographs, \$4.95. The epic of daring pilots in the 1920's and 1930's who won firsts in aviation history.

CONQUEST OF THE LAST FRONTIER—L. H. Neatby—Ohio Univ. Press, 431 p., illus., maps, \$10. Based on the explorers' journals and logs, this dramatic tale reconstructs the final stages of the opening up of the Arctic, from the Kane expedition (1853-1855) to Vilhjalmr Stefansson's exploration of the Canadian Arctic.

THE CONVERGENT CENTURY: The Unification of Science in the Nineteenth Century—Harold I. Sharlin—Abelard-Schuman, 229 p., \$6.50. In this account of the evolution of scientific ideas in the 19th century, the author shows how scientists made breaks with the past, gave up the illusion of certainty and the attempt to imagine final causes.

DUAL THERAPY: Triadic Principle of Genetic Psychoanalysis—Joachim Flescher, M.D.—D.T.R.B. Editions (N.Y.), 560 p., \$14. Presents the results of many years of application of the author's psychotherapy based on the theory that emotional disorders are referable to both mother and father, and the patient is given two transference objects, a male and a female analyst.

HAMMOND MEDALLION WORLD ATLAS—Hammond, 415 p., illus., maps, \$19.95. This "new perspective atlas" features double spread maps of countries and states in complete units with a variety of special maps, specific information and location index, all on the same page, thus facilitating quick reference. The general A-Z world index contains many thousands of entries.

THE HEADSTART BOOKS: Knowing & Naming. Looking & Listening. Thinking & Imagining—Shari Lewis and Jacquelyn Reinach—McGraw, 60 p. each, illus. by Alex and Janet D'Amato, \$1.95 each. Three colorful books for young children, designed to help parents develop readiness for learning in their pre-school children.

THE HISTORY OF PSYCHIATRY: An Evaluation of Psychiatric Thought and Practice from Prehistoric Times to the Present—Franz G. Alexander and Sheldon T. Selesnick—Harper, 471 p., plates, \$11.95. A broadly designed, authoritative account of the men, movements, physical, social and philosophic devices that have influenced the direction and character of modern psychiatry.

HOME IS THE SEA: For Whales—Sarah R. Riedman and Elton T. Gustafson—Rand McNally, 264 p., photographs, \$4.50. Informative and readable book on whales, their early and living relatives, physiology and habits, reproduction, senses, brains and classification.

HORTSCIENCE: A Journal of the American Society for Horticultural Science, Vol. 1, No. 1—Cecil Blackwell, Ed.—Am. Soc. for Horticultural Science (St. Joseph, Mich.), 38 p., illus., paper, \$1; quarterly \$3 annually. Features research reports and notes on recent developments in education, horticulture industry activities and other aspects of horticultural science.

HOST-PARASITE RELATIONSHIPS: James E. McCauley—Ore. State Univ. Press, 148 p., illus., \$4.50. These proceedings of the 26th Biology Colloquium discuss and interpret various host parasite relationships in the light of the research findings of six specialists from different fields of parasitology.

THE HUMAN NATURE OF SCIENCE: Researchers at Work in Psychiatry—Stewart E. Perry, foreword by John P. Spiegel, M.D.—Free Press, 289 p., \$6.50. Documented by first-hand observations in a university research hospital, science is revealed as influenced by social conflicts and personal emotions arising from daily work relationships among the researchers. Special attention is given to a research project studying the effects of LSD.

IDEAS IN CONFLICT: Theodore J. Gordon—St. Martins, 272 p., \$6.50. Tells of the controversy about some contemporary ideas and theories discredited by established scientists, ideas such as worlds in collision, the learned worm, suspended death and extraterrestrial life.

AN INTRODUCTION TO AMERICAN ARCHAEOLOGY. Vol. 1: North and Middle America—Gordon R. Willey—Prentice-Hall, 526 p., 250 photographs, 140 drawings, 45 maps and charts, \$16.95. A cultural history of native pre-Columbian America for the scholar and interested layman, spans the period from man's first appearance in the Western Hemisphere to the coming of the Europeans.

LANGUAGE OF THE SPECIALISTS: A Communications Guide to Twenty Different Fields—Mario Pei, Ed.—Funk & Wagnalls, 388 p., \$7.50. Introductory essays written by specialists are followed by clearly explained glossaries in such fields as astronomy, biochemistry, electronics, linguistics, psychology and space research.

LOST CITIES OF ASIA: Ceylon, Pagan, Angkor—Wim Swaan—Putnam, 176 p., 103 photographs by author, illus., maps, \$15. Depicts and describes the flowering of India's influence on the sculpture in the spectacular ruins of Anuradhapura and Sigirya in Ceylon, Pagan in Burma and Angkor in Cambodia.

MARRIED WOMEN IN THE LABOR FORCE: An Economic Analysis—Glen G. Cain—Univ. of Chicago Press, 159 p., \$6.50. Quantitative analysis based on a theoretical model using somewhat advanced econometric and statistical techniques, attempts to analyze among the many variables those factors that explain why married women work in the United States.

THE MEANING IN DREAMS AND DREAMING: The Jungian Viewpoint—Maria F. Mahoney—Citadel Press, 256 p., \$5.95. Explains the methods of C. G. Jung in nontechnical language in an attempt to aid the layman in experiencing and interpreting dreams according to the formulations of analytical psychology.

OCEAN ACOUSTICS: Theory and Experiment in Underwater Sound—Ivan Tolstoy and C. S. Clay—McGraw, 293 p., diagrams, \$15.50. Systematically outlines the theory of sound propagation in oceans and compares this theory with experimental evidence.

OTTO HAHN: A Scientific Autobiography—Transl. from German by Willy Ley, Ed.; introd. by Glenn T. Seaborg—Scribner, 296 p., plates, diagrams, \$7.95. Summarizes the scientific achievements from 1904 to 1945, from the author's discovery of the new radioactive element radiothorium to the first atomic pile developed in cooperation with other leading pioneers in radiochemistry and nuclear chemistry.

POOR KIDS: A Report on Children in Poverty—Alvin L. Schorr—Basic Bks., 205 p., photographs, \$5.95. Examines quantitatively, yet with human concern, the situation of poor children in the U.S. and analyzes in the light of their effects on family life the various income maintenance programs that have been proposed as remedies.

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