

books OF THE WEEK

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THE DRAFT—Kenneth E. Boulding and others—Hill & Wang, 1968, 112 p., \$3.50; paper, \$1.25. A report prepared for the Peace Education Division of the American Friends Service Committee, presenting the facts about conscription and the arguments against it.

EARLY EDUCATION: Current Theory, Research and Action—Robert D. Hess and Roberta Meyer Bear, Eds.—Aldine Pub. Co., 1968, 272 p., photographs, \$6.95. Provides up-to-date reference on theories and a wide range of existing programs in the field of early learning.

ETHICS, POLITICS AND SOCIAL RESEARCH—Gideon Sjöberg, Ed.—Schenkman Pub. Co., 1967, 358 p., \$8.95. Collection of essays focusing on the status, power and moral implications of the social scientist's role in modern society.

THE GERMAN ATOMIC BOMB: The History of Nuclear Research in Nazi Germany—David Irving—Simon & Schuster, 1968, 329 p., photographs, diagrams, maps, \$6.95. Narrates the German atomic research effort between 1938 and 1945, includes notes and sources.

HIGH ENERGY ASTROPHYSICS (Les Houches 1966): Vol. I: Radiosources and Their Interpretations. Vol. II: Elementary Processes and Acceleration Mechanisms—C. DeWitt, E. Schatzman and P. Veron, Eds.—Gordon & Breach, 1967, 250 p., 332 p., diagrams, \$12.50 per volume; paper, \$8.50 each. Lectures delivered at the 1966 NATO Summer School of Theoretical Physics.

LIGHT AND ELECTRICITY IN THE ATMOSPHERE—Hal Hellman—Holiday House, 1968, 223 p., photographs, diagrams by The Etridges, \$4.50. Explains to young people such phenomena as various forms of lightning, ionosphere, sky chorus, auroras, airglow and related experiments.

LOOKING AHEAD: The Papers of David Sarnoff—McGraw-Hill, 1968, 313 p., photographs, \$9.95. A chronicle of wireless communication, radio broadcasting, black-and-white and color television developments as viewed by one of the active participants in the industry.

MARSUPIALS AND MONOTREMES OF AUSTRALIA—Gordon Lyne—Taplinger, 1967, 72 p., pen drawings by author, radiographs, \$5.95. Detailed, exquisitely illustrated description of the pouched and egg-laying mammals of Australia, from the spiny anteaters to the wallaroo.

MENTAL ILLNESS: A Guide for the Family—Edith M. Stern, foreword by William C. Menninger—Harper, 1968, 5th ed., 124 p., \$3.95. Practical guidance for those who are concerned about the care of mentally ill relatives.

METALLIC MATERIALS—Robert B. Ross—Chapman & Hall (Barnes & Noble), 1968, 936 p., \$20. Designed for everyday use by anyone who needs brief information on trade names, symbols, nominal composition, condition, suppliers, mechanical properties and alternative materials. Arranged in 130 groups according to type.

MY LIFE & MY VIEWS—Max Born, introd. by I. Bernard Cohen—Scribner's, 1968, 215 p., \$4.95. Nobelist writes about his views on science, scientific method, history and ethics.

NAVAL OPERATIONS ANALYSIS—Operations Committee, Naval Science Dept., U.S. Naval Academy—U.S. Naval Institute, 1968, 327 p., diagrams, paper, \$7.50. Written for both active and prospective naval officers, this text on undergraduate level deals with the scientific approach to resolution of operational problems.

NEBRASKA SYMPOSIUM ON MOTIVATION 1967—David Levine, Ed.—Univ. of Neb. Press, 1968, 335 p., diagrams, \$6.25; paper, \$3.25. Discusses experimental findings on the development of social motivation, on arousal and reinforcement, attribution theory in social psychology, and social evaluation theory.

ORGANIC MASS SPECTROMETRY, Vol. I, No. 1, February 1968—Allan Maccoll, Ed.-in-Chief—Heyden & Son, Ltd., 192 p., diagrams, paper, bi-monthly, \$40 (six issues); certified private subscribers: \$12 direct to publisher, Spec-

trum House, Alderton Crescent, London N.W.4, England. New international journal dedicated to research on mass spectrometry concerning organic compounds.

PRAIRIE PLANTS AND THEIR ENVIRONMENT: A Fifty-Year Study in the Midwest—J. E. Weaver—Univ. of Neb. Press, 1968, 276 p., illus., \$6.95. A pioneer plant ecologist's investigations of the structure of vegetation, root systems of grasses, underground activities in prairie and woodlands, effects of drought and degeneration of midwestern pastures.

PSYCHOANALYSIS AS AN ART AND A SCIENCE: A Symposium—Otto Rank and others—Wayne State Univ. Press, 1968, 179 p., \$7.95. A discussion of the significance of psychoanalysis for the humanities and science.

THE PSYCHOLOGY OF CHILDHOOD AND ADOLESCENCE—C. I. Sandstrom, transl. from Swedish by Albert Read—Penguin Bks., 1968, 259 p., illus., paper, \$1.65. Concise study of the processes of growing up, physically and mentally, from conception to puberty.

PUBLIC KNOWLEDGE: An Essay Concerning the Social Dimension of Science—J. M. Ziman—Cambridge Univ. Press, 1968, 154 p., \$3.95; paper, \$1.95. Arguing that the true goal of all scientific research is to contribute to the consensus of universally accepted knowledge, the author explores the philosophical, psychological and sociological consequences of this principle.

SANDY: The True Story of a Rare Sandhill Crane Who Joined Our Family—Dayton O. Hyde—Dial Press, 1968, 214 p., photographs by author, \$4.95. Closely observed story of a sandhill crane family on an Oregon ranch.

SANITY AND SURVIVAL: Psychological Aspects of War and Peace—Jerome D. Frank, preface by J. William Fulbright—Random House, 1968, 330 p., \$5.95. Practicing psychiatrist explores in this book the psychological obstacles that obscure recognition of the severe danger of modern weapons, as well as the biological, psychological and social sources of human aggression.

SCIENCE YEAR: The World Book Science Annual 1967—William H. Nault, Edit. Dir.—Field Enterprises Educ. Corp., 1967, 3rd ed., 433 p., photographs, diagrams, \$6.95. Addressing advanced elementary school children through adults, the colorful volume features 15 special reports on currently important science advances, and reviews the year's major developments in fields ranging from agricultural technology to zoology.

SCIENTIFIC EXPERIMENTS IN ENVIRONMENTAL POLLUTION—Elbert C. Weaver, Ed.—Holt, 1968, 40 p., illus., paper, \$1. A laboratory manual of experiments centered about problems connected with air pollution, water pollution, and waste disposal, at secondary school level.

SEMI-CONDUCTORS—D. A. Wright—Methuen (Barnes & Noble), 1968, 134 p., diagrams, \$3.50; paper, \$2.25. Up-dated, elementary account of the properties of semiconductors, first published in 1950.

TEMPERAMENT AND BEHAVIOR DISORDERS IN CHILDREN—Alexander Thomas, Stella Chess and Herbert G. Birch—N.Y. Univ. Press, 1968, 309 p., \$8.50. Based on longitudinal study from birth of 136 children, the book deals with actual behavior problems developed in 42 of the children during the first ten years of life.

TO THE TOP OF THE WORLD: The Adventures & Misadventures of the Plaided Polar Expedition, March 28-May 4, 1967—Charles Kuralt—Holt, 1968, 193 p., photographs, \$5.95.

The story of the perils faced by a party of 12 men, all amateurs, who undertook an overland journey by snowmobile to the North Pole.

WAR: The Anthropology of Armed Conflict and Aggression—Morton Fried, Marvin Harris and Robert Murphy, Eds.—Natural Hist. Press, 1968, 262 p., \$6.95. Expanded papers and comments delivered at 1967 plenary symposium of the American Anthropological Association exploring biological consequences of war, effects of war on social structure, psychological preparations, recruitment for war, and alternatives to war.

WHAT TO DO WHEN "THERE'S NOTHING TO DO"—Staff members of the Boston Children's Medical Center and Elizabeth M. Gregg—Delacorte Press, 1968, 158 p., illus. by Marc Simont, \$3.95. Amusingly illustrated handbook with 601 tested play ideas for young children.

THE WORLD OF THE NORSEMEN—Eric Graf Oxenstierna, transl. by Janet Sondheimer—World Pub. Co., 1968, 163 p., 64 plates, \$10. Describes research methods used and discoveries in the Scandinavian countries giving the general reader insight into their ancient cultures.

THE WORLD OF THE OCEAN DEPTHS—Robert Silverberg—Meredith Press, 1968, 156 p., photographs, \$4.95. About exploration of deep sea life on the ocean bottom and in the lower levels of the sea.

THE WORLD OF THE WALRUS—Richard Perry—Taplinger, 1968, 162 p., plates, map, \$5.95. Protected to conserve the species, the walrus plays a vital part in the Arctic economy. This highly readable study presents zoological, geographical and behavioral characteristics of walrus life and society.

TEXTBOOKS

CHEMISTRY: An Investigative Approach—F. Albert Cotton and Lawrence D. Lyrch—Houghton, 1968, 660 p., photographs, diagrams, \$6.95. A high school textbook with emphasis on experimentation and observation as the basis of all knowledge of chemistry.

DYNAMICS OF MACHINERY—Jeremy Hirschhorn—Barnes & Noble, 1968, 447 p., diagrams, \$9.75. Text for mechanical engineering courses oriented towards design, covers topics ranging from kinematic analysis of simple mechanisms to flywheel analysis, brakes and belts.

INTRODUCTION TO CALCULUS—Donald Greenspan—Harper, 1968, 439 p., diagrams, \$9.95. A rigorously mathematical introductory textbook, treating not only the usual material but also theory, techniques and applications relating to discrete functions, difference quotients, finite sums and nonlinear difference equations.

INTRODUCTION TO PLASTICS—Lionel K. Arnold—Iowa State Univ. Press, 1968, 208 p., photographs, diagrams, \$4.95. Suitable for a one-quarter college course in plastics technology.

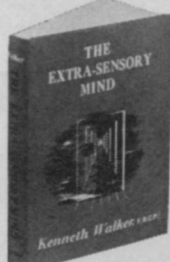
MORPHOGENESIS IN PLANTS: A Contemporary Study—C. W. Wardlaw—Methuen (Barnes & Noble), 1968, 451 p., illus., \$14.50. Completely revised version of well-known text (1952), includes up-to-date bibliography and points out far-reaching implications of recent research.

SOLID-STATE ELECTRONICS: A Basic Course for Engineers and Technicians—R. G. Hibberd—McGraw-Hill, 1968, 170 p., diagrams, \$8.95. Designed to provide the non-technically trained with a general understanding of the subject and its terminology.

Extra-Sensory Mind
By Kenneth Walker, F.R.C.P.

"A straightforward account of the broader aspects of extra-sensory perception as reviewed by one who is willing to go beyond ordinary explanations. Walker's point of departure from that of the skeptic consists in his willingness to accept the statistical evidence in favor of the existence of psi. . . . May be recommended."
—Psychiatric Quarterly

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