

Books of the Week

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THE AMERICAN SOLDIER, Vol. I: Adjustment During Army Life. Vol. II: Combat and Its Aftermath—S. A. Stauffer and others—Science Editions (Wiley), 599 p., 675 p., paper, \$2.95 each. Reprint (1949) of Social Science Research Council's study of Army problems during World War II.

THE BEHAVIOUR OF ARTHROPODS—J. D. Carthy—Freeman, 146 p., illus., paper, \$2.50. Gives selective account of behavior shown in connection with the life activities of arthropods, with special attention to those areas where neurophysiology and behavior converge.

THE BIOLOGY OF HEMICHORDATA AND PROTOCHORDATA—E. J. W. Barrington—Freeman, 176 p., illus., paper, \$2.50. Review of advances in the study of hemichordata, urochordata and cephalochordata.

CHINA AND THE BOMB—Morton H. Halperin—Praeger, 166 p., \$4.95. An informed analysis of Communist China as a potential nuclear power, and some guidelines for American policy.

CRYSTAL CHEMISTRY OF TETRAHEDRAL STRUCTURES—Erwin Parthe—Gordon & Breach, 176 p., diagrams, \$9.50. Book describes a semi-empirical rule which applies to tetrahedral structures and correlates structure and valence electron concentration.

CYBORG: Evolution of the Superman—D. S. Halacy, Jr.—Harper, 207 p., \$3.95. Cyborg is a coined word, it means self-regulating man-machine systems; the book discusses such concepts as myoelectric control, hypothermia, military Cyborgs, artificial organs and test tube babies.

DICTIONARY OF NUCLEAR PHYSICS AND NUCLEAR CHEMISTRY: German-English/American and English/American—Hans Rau, Ed.—Reinhold, 351 p., 2nd rev. ed., \$8.75. Includes some 8,000 technical and scientific terms pertaining to uranium mining, reactor design, nuclear fission and fusion, and isotope research.

THE DYNAMICS OF STYLISTIC CHANGE IN ARIKARA CERAMICS—James Deetz—Univ. of Ill. Press, 111 p., illus., paper, \$2.50. Anthropological

study based upon research done by the author for the River Basin Surveys, Smithsonian Institution, 1958.

ELECTROMAGNETICS IN SPACE: Antenna Considerations as Related to Space Communications—Karl R. Spangenberg, Ed.—McGraw, 277 p., illus., \$15. Detailed and up-to-date data on fundamental electromagnetic relations, ground and spacecraft antennas, linear and complex radiating elements, and impedance perturbations in antenna arrays.

ELECTROSPARK MACHINING OF METALS (Vol. 3)—B. A. Krasnyuk, Ed., transl. from Russian—Consultants, 176 p., illus., paper, \$22.50. Presents results of investigations concerned with the electrical working of materials.

ENGLISH-RUSSIAN DICTIONARY—V. K. Muller—Dutton, 7th ed., 1192 p., \$9.95. New revised edition has been completely reset, contains 70,000 words used in Russian spoken language, science, literature and technology.

GARDEN SHRUBS AND THEIR HISTORIES—Alice M. Coats—Dutton, 416 p., illus., \$8.95. A general book on ornamental shrubs and climbers, it selects the most important members of 110 families, from abelia to yucca, and traces their histories.

GROUP THERAPY IN CHILDHOOD PSYCHO-SIS—Rex W. Speers and Cornelius Lansing—Univ. of N. C. Press, 186 p., illus., \$6. Psychiatrists' report of a four-year study examining the feasibility and effectiveness of treating four psychotic children by the process of group therapy with their parents.

HEART ATTACK: New Hope, New Knowledge, New Life—Myron Prinzmetal, M.D. with William Winter, preface by Walter C. Alvarez, M.D.—Simon & Schuster, rev. ed., 232 p., paper, \$1.75. Includes diet menus and food tables for the heart patient.

IMPRINTING AND EARLY LEARNING—W. Sluckin—Aldine Pub. Co., 147 p., \$5. After historical introduction the author reviews experimental research and theory on the relationship of imprinting to conditioning, sensitive periods, early and later learning.

INVISIBLE HORIZONS: True Mysteries of the Sea—Vincent Gaddis—Chilton Bks., 239 p., map, \$4.25. Explores that borderland where facts as reported by the U.S. Navy Hydrographic Office merge with myths and legends.

THE LAND AND PEOPLE OF LEBANON—Viola H. Winder—Lippincott, 160 p., photographs, map, \$3.25. Portrait of an ancient meeting place of East and West on the eastern shore of the Mediterranean.

THE LAND AND PEOPLE OF MOROCCO—William Spencer—Lippincott, 160 p., photographs, map, \$3.25. Portrait of the Arab and Berber population of this North African nation.

LECTURES ON ELLIPTIC BOUNDARY VALUE PROBLEMS—Shmuel Agmon; B. Frank Jones Jr., Ed.—Van Nostrand, 291 p., paper, \$3.95. Discusses the topic at the advanced graduate student level.

THE LONELY SICKNESS—Elizabeth D. Whitney, preface by Robert Fleming, M.D.—Beacon Press, 178 p., \$4. Introduces the reader to the range of psychological factors which can lead a susceptible person to alcoholism.

THE MAGIC NUMERALS OF ALI KHAYYAM: The New Mathematics Made Easy—Victor E. Haas—Macrae Smith, 154 p., illus., \$2.95. To make the learning of mathematical concepts an adventure in discovery, mathematics teacher in this book presents the concept of base and place as an exciting travel-adventure.

MODERN SCIENCE AND TECHNOLOGY—Robert Colburn, Ed.-in-Chief and the Eds. of International Science and Technology—Van Nostrand, 746 p., photographs, diagrams, \$22.50. Authoritative state-of-the-art reports on current developments in the major areas of physical science and technology, with text and pictures depicting the essential principles involved, addressed to scientists, engineers and interested laymen.

NATURAL PHILOSOPHY OF CAUSE AND CHANCE—Max Born—Dover, 239 p., paper, \$1.50. Contains the Waynelete Lectures (1948), together with a new essay "Symbol and Reality."

THE NEW YACHT RACING RULES: Explained and Interpreted with Text and Pictures—Robert N. Bavier, Jr.—Norton, rev. ed., 160 p., photographs, illus., \$4.95. Shows the difference between the old and the new rules, and deals with the ways this change affects tactics.

NOTES ON DIFFERENTIAL GEOMETRY—Noel J. Hicks—Van Nostrand, 183 p., diagrams, paper, \$2.95. Deals with the subject at the senior-graduate level.

PAINT FILM DEFECTS: Their Causes and Cure—Manfred Hess, Ed.—Reinhold, 2nd rev. ed., 604 p., illus., \$23.75. Individual sections indicate the

various kinds of faults, their causes, and suggests methods of eliminating and preventing them.

SEMANTICS: Studies in the Science of Meaning—Michel Breal, transl. from French by Mrs. Henry Cust, new introd. by Joshua Whatmough—Dover, 341 p., paper, \$2. First published in 1900.

THE SERVANTS OF POWER: A History of the Use of Social Science in American Industry—Loren Baritz—Science Editions (Wiley), 273 p., paper, \$1.65. Reprint (1960).

THE SOLAR SYSTEM AND THE CONSTELLATIONS: A Guidebook—Clifford N. Anderson—Vantage Press, 269 p., photographs, moon and star charts, \$8.50. For the amateur astronomer, combines biographical sketches, facts and myths.

SUBJECT GUIDE TO DOUBLEDAY PAPER-BOUND BOOKS OF INTEREST TO EDUCATORS, 1965, Including Selected Hardbound Books—Doubleday, 512 p., paper, 50¢. Subject divisions range from Africa to Sociology, special series; author and title index included.

TALL TREES AND FAR HORIZONS: Adventures and Discoveries of Early Botanists in America—Virginia S. Eifert—Dodd, 301 p., photographs, maps, illus. by author, \$5. A book about plant lore and plant explorers, from the saffras discovered by the early settlers on Roanoke, Va., to John Muir's sequoias.

THEORETICAL ASTRONOMY: Relating to the Motions of the Heavenly Bodies—James C. Watson, new introd. by G. M. Clemence—Dover, 662 p., paper, \$3.25. Reprint (1868), unique for its detailed discussion, with numerical examples, of methods of special perturbations.

THREE CENTURIES OF MICROBIOLOGY—Hubert A. Lechevalier and Morris Solorostrovsky—McGraw, 536 p., paper, \$4.95. Reconstructs the growth of microbiology, stressing the main lines of its development.

WINDOW ON THE WORLD: The Story of Television Production—Charles I. Coombs—World Pub. Co., 125 p., photographs, \$3.95. About the many different technical jobs that make up production crews.

THE WOLVES OF NORTH AMERICA, Part I: Their History, Life Habits, Economic Status and Control. Part II: Classification of Wolves—Stanley P. Young and Edward A. Goldman—Dover, 636 p., photographs, maps, paper, \$2 each, two-vol. set \$4. Originally (1944) appeared in one volume.

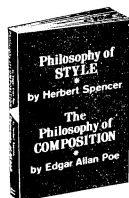
THE WORLD OF DOGS—Josephine Z. Rine—Doubleday, 331 p., 200 photographs, \$6.50. An illustrated history of the domestication of dogs, including the development of more than 130 modern breeds.

WRITING: Man's Great Invention—J. Hambleton Ober—Peabody Institute (Obolensky), 174 p., illus., maps, \$7.50. Handsomely illustrated story of the evolution of the alphabet presented for the layman.

• Science News Letter, 87:332 May 22, 1965

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PSYCHOLOGY

Child's Self-Esteem Hurt By Parents' Remarriage

► THE REMARRIAGE of a child's parents makes him anxious and is associated with lower self-esteem, a research sociologist at the National Institute of Mental Health in Bethesda, Md. stated in a survey of more than 5,000 high school students. It has been generally thought that remarriage helped the adjustment of a child of divorced parents.

Dr. Morris Rosenberg surveyed 5,000 students in New York State high schools, and several hundred in the Washington, D.C. area for his study, described in a new book titled "Society and the Adolescent Self-Image," Princeton University Press (\$6.50).

Parental interest is a "must" for the adolescent's well-being, Dr. Rosenberg found. Even sharp criticism and punishment at report card times did less damage to the child's happiness than indifference.

Answers to three questions measured parental interest. These questions were: How well do your parents know your friends? How do your parents react to your report cards? How often do you take part in conversations at the family meals?

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