

books OF THE WEEK

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AN ACT OF CONGRESS: The Legislative Process and the Making of Education Policy—Eugene Eidenberg and Roy D. Morey—Norton, 1969, 256 p., \$6.50. Covers the relevant major events preceding the passage of the Elementary and Secondary Education Act of 1965, its passage and subsequent modifications in 1966 and 1967.

AMERICAN YOUTH HOSTELS' NORTH AMERICAN BICYCLE ATLAS—Warren Asa, foreword by Paul Dudley White, M.D.—Hammond, 1969, 128 p., illus. by Virginia Ward and Mary Williams, maps, paper, \$1.95 direct to American Youth Hostels, 20 West 17th St., New York, N.Y. 10011. General information and description of nearly 150 bicycle tours arranged geographically from West to East, including Hawaii and Puerto Rico.

ASSESSMENT IN CLINICAL PSYCHOLOGY—C. E. Gathercole—Penguin Bks., 1968, 174 p., paper, \$1.45. This account of the practical contribution of the clinical psychologist discusses the main issues of assessment, the advantages of psychological testing and its shortcomings.

AVERAGE CLOUDINESS IN THE TROPICS FROM SATELLITE OBSERVATIONS—James C. Sadler—East-West Center Press, 1969, 22 p., 24 double-page charts, maps, \$7.50. International Indian Ocean Expedition Meteorological Monograph No. 2, reports a pioneering attempt to describe the distribution of average cloudiness for each month in 1965 and 1966.

BIOLOGY AND MAN—George Gaylord Simpson—Harcourt, 1969, 175 p., \$5.95. Ten essays on such topics as the scope and limits of biology; organisms and molecules in evolution; language in evolutionary perspective; biological aspects of race; and the future evolution of man.

BLACK RAIN—Masuji Ibuse, transl. from Japanese by John Bester—Kodansha International (Palo Alto), 1969, 300 p., \$6.95. A novel about Japanese people, based largely on actual accounts written or told by the survivors of the atomic bombing of Hiroshima.

CAREERS IN HORTICULTURAL SCIENCES—Dorothy and Joseph Dowdell—Messner, 1969, 222 p., photographs, \$3.95. Describes the potentials of the field from farm to laboratory, from green house to frozen food plant, from floriculture to plant pathology.

CHILD SENSE: A Pediatrician's Guide for Today's Families—William E. Homan, M.D.—Basic Bks., 1969, 308 p., \$6.95. Distilled from 20 years of practice oriented toward the physical, emotional and educational health of the child, this handbook deals mostly with behavioral problems and their mature handling by parents.

COMMUNITY PROBLEM SOLVING: The Delinquency Example—Irving A. Spergel—Univ. of Chicago Press, 1969, 342 p., \$10. An organizational approach to the problems of people living in the slums and run-down areas of large cities, mainly concerned with youth involvement and dealing with delinquency.

CONCEPTS OF SPACE: The History of Theories of Space in Physics—Max Jammer, foreword by Albert Einstein—Harvard Univ. Press, 1969, 2nd ed., 221 p., \$5.50. First published in 1954, this documented analysis of physical space theories, ancient and modern, has been brought up to date.

CONFLICT AND RECONCILIATION: A Study in Human Relations and Schizophrenia—Helm Stierlin, M.D.—Doubleday, 1969, 267 p., paper, \$1.45. Points out that the schizophrenic way of life grows out of early disturbed mother-infant transactions that force the child to adopt self-destruct-relational strategies.

CREATIVE BIOLOGY TEACHING—Delma E. Harding, Roger P. Volker and David L. Fagle—Iowa State Univ. Press, 1969, 342 p., photo-

ASTRONOMY

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graphs, drawings, \$10.50. Written to help make teachers aware of changes and problems that confront today's biology instructor, gives practical suggestions, and aims at balance between traditional and molecular biology.

CRIME IN ITS RELATIONS TO SOCIAL PROGRESS—Arthur Cleveland Hall—AMS Press, 1968, 427 p., \$18. Reprint (1902) of historical study viewing crime as a social product that increases with the growth of knowledge, intelligence and social morality.

CURE FOR CHAOS: Fresh Solutions to Social Problems Through the Systems Approach—Simon Ramo—McKay, 1969, 116 p., \$3.95. Explains in layman's terms a methodology that can logically correlate society's needs and the advanced capabilities of technology, permitting us to substitute optimum choice and integrated planning and action for patchwork solutions.

THE DEVELOPMENT AND USE OF POLY-ESTER PRODUCTS—E. N. Doyle—McGraw-Hill, 1969, 371 p., illus., \$16. A book of facts, figures, formulas, processes and methods concerning polyester resins. Included are advances in the use of new raw materials and intermediates in the manufacture of the basic resins.

DISORDERS OF MEMORY AND LEARNING—George A. Talland—Penguin Bks., 1968, 176 p., paper, \$1.45. Analyzes disorders of memory and learning in relation to normal learning and memory processes, basing them on a foundation of general psychology.

DOCUMENTS OF AMERICAN HISTORY—Henry Steele Commager, Ed.—Appleton (Meridith), 1968, 8th ed., 746 p., \$12.95. A collection of basic sources, quotes documents typical of their period, from colonial charters to the key documents in the Kennedy and Johnson administration. Documents are prefaced by editor's notes, placing them in proper context.

THE DRUG DILEMMA—Sidney Cohen, M.D.—McGraw-Hill, 1969, 139 p., \$4.95. After informative discussion of psychedelics, sedatives, stimulants and sniffers, identification, personality and drug specificity, the book considers the roles of parents, school, therapist, legislation and user.

EMERGENCY MEDICAL GUIDE—John Henderson—McGraw-Hill/Blackiston, 1969, 2nd ed., 556 p., illus. by Neil Hardy, \$7.95; paper, \$3.95. Tells what to do in case of bleeding or burns, choking or drowning, fractures, poisoning, heart failure and other emergencies.

EQUAL EDUCATIONAL OPPORTUNITY—Harvard Educational Review—Harvard Univ. Press, 1969, 274 p., \$5.95. The volume is an expansion of the Winter 1968 Special Issue of the Harvard Educational Review, essays deal with research and policy issues related to the concept of equal educational opportunity.

EXPLORING THE ATMOSPHERE—G. M. B. Dobson—Oxford Univ. Press, 1968, 2nd ed., 209 p., diagrams, paper, \$4. Describes the present knowledge and current research in such departments as temperature and humidity of the troposphere, thunderstorms, ozone, sunspots, aurora, air-glow and magnetosphere.

FAMILY DYNAMICS AND FEMALE SEXUAL DELINQUENCY—Otto Pollak and Alfred S. Friedman, Ed.—Science & Behavior Bks., 1969, 210 p., flexicover, \$6.95. Writings cover modern experience and theory in family structure, socioeconomic and cultural factors, family interaction and family therapy.

HIGH ENERGY PHYSICS AND FUNDAMENTAL PARTICLES: Lectures in Theoretical Physics, Vol. X-B—Asim O. Barut and Wesley E. Brittin, Eds.—Gordon & Breach, 1968, 708 p., diagrams, \$35. Lectures delivered during the Fourth Boulder Conference on Particle Physics, topics range from strange axial vector meson and kinetic effects to internal and space-time symmetries.

INTRODUCTION TO TERRAIN-VEHICLE SYSTEMS, Part I: The Terrain, Part II: The Vehicle—M. G. Bekker—Univ. of Mich. Press, 1969, 846 p., photographs, diagrams, \$27.50. An attempt to apply systems analysis to off-road locomotion, concentrates on the method of approach and illustrates problems with specific examples.

THE MAKING OF LINGUISTICS—William Sparke—Abelard Schuman, 1969, 160 p., illus. by Wayne Gallup, \$4. A readable introduction to the

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history of the study of language and the origin of words, for younger readers.

MINERALS YEARBOOK 1967, Vol. IV: Area Reports; International—Bureau of Mines Staff, John F. O'Leary, Dir.—GPO, 1969, 1036 p., \$5.75. Presents in 85 chapters the latest available mineral statistics for more than 130 foreign countries and areas, and discusses the importance of minerals to the economies of these nations.

MODERN ASTRONOMY: An Introduction—Hans Kienle, transl. from German by Alex Helm—Crowell, 1969, 141 p., 12 plates, \$6.95. Reviews developments and progress in modern astronomy, the ideas and instruments, theories and techniques, from about 1910 to the launching of the first manned spacecraft.

MONEY IN THE COMPUTER AGE—F. P. Thomson—Pergamon Press, 1968, 243 p., illus., \$4.50. Discusses the effects of technological advance on money, the cost of monetary transfer in the modern world, the organization of giro banking, and explains how the system of computerized transfer of credit works.

THE NATURE OF EMOTION: Selected Readings—Magda B. Arnold, Ed.—Penguin Bks., 1968, 398 p., paper, \$1.95. Deals with research and theory relating to the subjective experience and objective study of emotion, the recognition and expression of emotion, its origins and consequences.

NATURE'S WAY: How Nature Takes Care of Its Own—Roy Chapman Andrews—Crown Pubs., 1969, 206 p., 144 illus. by Andre Durencau and others, \$10. Picture book on nature with short descriptions that emphasize behavior helpful to the species' survival.

ORIGINS OF MENDELISM—Robert C. Olby, introd. by C. D. Darlington—Schocken Bks., 1969, 204 p., illus., paper, \$2.45. The history of early hybridization, blending and non-blending heredity, Mendel's work, with bibliographical appendix quoting important passages from groundbreaking works.

OUR AMAZING WORLD OF NATURE: Its Marvels & Mysteries—Reader's Digest, Alan Devoe and others—Reader's Digest, 1969, 320 p., 200 photographs in color, diagrams, \$11.95. Combines outstanding photography with essays by naturalists and writers describing the wonders of living things, sea, earth and sky.

THE PENGUIN DICTIONARY OF BRITISH NATURAL HISTORY—Richard Fitter, assisted by Maisie Fitter—Barnes & Noble, 1969, 348 p., \$5. Contains thousands of entries relating to terms used in the study of wildlife and nature, geology, ecology and weather, from Aaron's Rod (Mullein) to Zygomorphic, with index of species.

SENTENCES CHILDREN USE—Paula Menyuk—M.I.T. Press, 1969, 165 p., diagrams, \$7.50. Presents a summary of the author's research on the acquisition and development of language by children at various stages of their development, placed within a framework of a generative model of grammar.

SOUTHWEST INDIAN CRAFT ARTS—Clara Lee Tanner—Univ. of Ariz. Press, 1968, 206 p., color plates, photographs, drawings, maps, \$15. Handsome presentation and description of Hopi, Navajo and Apache basketry, textiles, pottery, silver, jewelry, carvings and minor crafts.

SPACE RESOURCES FOR TEACHERS: Biology, Including Suggestions for Classroom Activities and Laboratory Experiments—Tom E. Lee and others, Ferdinand S. Ruh, Ed.—NASA (GPO), 1969, 236 p., illus., paper, \$2.75. A curriculum project in unit forms for grades 10-14, incorporates space program findings in life support, physiological and psychological aspects, and exobiology.

THE STORY OF MASADA—Yigael Yadin, retold for young readers by Gerald Gottlieb—Random House, 1969, 155 p., photographs, maps, \$3.95. Describes the excavation and reconstruction work done by archaeologists and young volunteers digging up King Herod's palace on a plateau beside the Dead Sea.

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