

books OF THE WEEK

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A FIELD GUIDE TO THE BIRDS OF MEXICO—Ernest P. Edwards—Edwards, E. P., 1972, 300 p., 24 color plates, illus. by Murrell Butler and others, maps, vinyl cover, \$8.50 direct to author, Sweet Briar, Va. 24595. Describes all birds occurring from the northern border of Mexico to the southern border of Nicaragua. Includes descriptions in Spanish.

GRASSHOPPERS AND THEIR KIN—Ross E. Hutchins—Dodd, 1972, 144 p., photographs by author, \$4.50. Close observations of the structure, life cycles and habits of diverse members in the order of Orthoptera—katydids, crickets, mantids, walking sticks, and cockroaches.

HANDBOOK OF ELEMENTAL ABUNDANCES IN METEORITES—Brian Mason, Ed.—Gordon & Breach, 1972, 555 p., diagrams, tables, \$35. This reference work brings together in one volume the extensive information about abundances of elements in the different classes of meteorites, based on data obtained primarily during the past decade.

MODEL CAR RACING BY RADIO CONTROL—George Siposs—TAB Bks., 1972, 224 p., photographs, drawings, \$6.95; paper, \$3.95. Practical handbook for the hobbyist.

ORIENTATION: Sensory Basis—Helmut E. Adler, Ed.—N.Y. Acad. of Sciences (Annals, Vol. 188), 1971, 408 p., illus., paper, \$27. Conference papers and discussions deal with photoreceptors, phonoreceptors, chemoreception and vestibular receptors, electrical and magnetic sensitivity, and the development and evolution of orientation in animals and man.

PASSPORT TO NATURE—William G. Damroth, introd. by Arthur Godfrey—Viking Press, 1972, 96 p., photographs by author, \$10. A Studio Book, gives the reader an intimate look of wildlife in many parts of the world, with notes on nature and photography.

PHYSICAL EXPRESSIONS OF INTELLIGENCE—Bryant J. Cratty—Prentice-Hall, 1972, 271 p., illus., \$8.95. Explores the connection between intellectual processes and motor skills, illustrates the impact of movement coordination on the educational program, and shows how motor activity can be used to change intellectual functioning at various levels.

PSYCHOSOMATICS: How Your Emotions Can Damage Your Health—Howard R. and Martha E. Lewis, foreword by Lawrence E. Lamb, M.D.—Viking Press, 1972, 335 p., \$8.50. Deals with the interrelations of the psyche and the organism (soma), and shows through case studies how the psyche can be the main cause for malfunction, or malfunction can cause disturbance of the psyche.

SCIENCE, THE BRAIN, AND OUR FUTURE—W. R. Klemm—Bobbs-Merrill, 1972, 176 p., illus., \$7.50; paper, \$2.25. Layman-oriented, the book summarizes findings of brain research on the brain's structure and function asleep and awake, how it integrates bodily activities in health and in sickness, under normal and abnormal stress.

THE SHRINKING OUTDOORS—Gary Jennings—Lippincott, 1972, 191 p., \$5.50. Written for young people, summarizes the trends in land use, garbage problems, vanishing wildlife, air and water pollution.

THE SPOILS OF PROGRESS: Environmental Pollution in the Soviet Union—Marshall I. Goldman—MIT Press, 1972, 372 p., illus., maps, \$7.95. Annotated study of environmental protection in a socialist state, the counteracting forces, sewage problems, air pollution in Moscow and other cities, the pollution of Lake Baikal and rivers. Appendices include selection of laws and bibliography.

THE STRUGGLE FOR THE GREAT BARRIER REEF—Patricia Clare—Walker, 1971, 224 p., 15 color plates, \$7.95. Describes the variety and beauty of the biological system off Australia's northeast coast, the threat of exploitation, the crown-of-thorns starfish plague, the scientific research in reef waters, oil drilling projects, and legislation.

SUPERCONDUCTIVITY—E. A. Lynton—Chapman & Hall (Harper), 1972, 229 p., diagrams, paper, \$5. Reprint of 3rd ed. (1969). Monograph gives descriptive introduction to superconductivity, deals with both experimental details and theoretical approaches, treating the subject in successive layers of increasing complexity. Bibliography is included.

SUPPLEMENT TO COMPREHENSIVE TREATISE ON INORGANIC AND THEORETICAL CHEMISTRY, Vol. VIII, Supplement III: PHOSPHORUS—J. W. Mellor, A. A. Eldridge and others—Wiley-Interscience, 1972, 1467 p., diagrams, tables, \$79.95. Up-to-date information compiled from original literature sources. Prominence is given to structural chemistry of phosphorus compounds, the diversity of compounds of phosphorus and nitrogen, and organophosphorus chemistry.

THE SUSQUEHANNA COMPACT: Guardian of the River's Future—William Voigt, Jr.—Rutgers Univ. Press, 1972, 336 p., photographs, diagrams, map, \$15. Covers the complete history of the intergovernmental instrument created to protect and supervise the water resources of a vast watershed on the basis of ecological as well as economic considerations.

SYMBOLS FOR COMMUNICATION: An Introduction to the Anthropological Study of Religion—J. Van Baal—Van Gorcum (Humanities Press), 1972, 295 p., paper, \$13. Gives an overview of various anthropological theories of religion and discusses them critically as systems of symbols by which man communicates with his universe.

TOWARD A MATHEMATICS OF POLITICS—Gordon Tullock—Univ. of Mich. Press, 1972, 176 p., diagrams, paper, \$2.25. Reprint (1967), chapters are concerned with models of man, the irrelevance of impossibility theorem, single peaks, production of information, politics of persuasion, and the economics of lying.

UNDERWATER SOIL SAMPLING, TESTING AND CONSTRUCTION CONTROL: Symposium 1971—E. D'Appolonia, Chmn.—A.S.T.M., 1972, 241 p., illus., \$15.50. Discussion includes state of the art review, recent trends, deep-sea soil shear strength, penetration and coring, underwater construction control, and strength characteristics of marine sediments.

UNITS OF MEASUREMENT: An Encyclopaedic Dictionary of Units, Both Scientific and Popular, and the Qualities They Measure—Stephen Dresner—Hastings House, 1972, 287 p., tables, \$15. Provides formal definitions and explanations, relating the unfamiliar to the familiar; SI unit terms are given throughout, but superseded definitions are also included.

WOMEN AND SMOKING—Jane E. Brody and Richard Engquist—Public Affairs Committee, 1972, 24 p., illus. by Robert Osborn, paper, 25¢ to publisher, 381 Park Ave. S., New York 10016. Concise and reliable information in very readable form.

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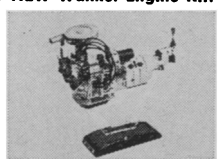
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