

books OF THE WEEK

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THE CONQUEST OF NATURE: Technology and Its Consequences—R. J. Forbes—Praeger, 1968, 98 p., \$4.95. Traces the evolution of the main elements of the technological order and examines the interaction of technology with other great forces of the modern age, and the changes brought about in man's environment.

DISCOVERING PLANTS: A Nature and Science Book of Experiments—Richard M. Klein and Deana T. Klein—Natural Hist. Press, 1968, 127 p., illus., \$4.50. Introduces young people to the methods of experimental plant science.

ECOLOGICAL ADAPTATIONS FOR BREEDING IN BIRDS—David Lack—Methuen (Barnes & Noble), 1968, 409 p., illus., \$15. A comprehensive survey of the main adaptations of birds for breeding—whether a species nests solitarily or in colonies, whether it is monogamous or has several mates, number of eggs laid, their relative size, the rate of development of its eggs and its young, and its breeding age.

ESSAYS ON FORM IN PLANTS—C. W. Wardlaw—Barnes & Noble, 1968, 399 p., illus., \$8.75. Scientific essays dealing with plant morphology and morphogenesis, and with such topics as the need for achieving the fullest possible integration in botanical science.

EXPLORING THE REEF—Robert P. L. Straughan—Barnes, A. S., 1968, 248 p., color plates, photographs, \$17.50. Explores the teeming life in the coral reef of the tropic seas, the wide variety of flora and fauna, the methods of the skin diver or scientist observing from his submersible, the cleaning of specimen and building of aquaria.

THE HOME OF THE LEARNED MAN: A Symposium on the Immigrant Scholar in America—John Kosa, Ed., foreword by Edward M. Kennedy—College & University Press, 1968, 192 p., \$4.50. Eleven foreign-born American scholars—sociologists, physicians, literary critics—assess the brain drain, its causes and its effect upon American learning.

IMMUNOLOGIC DEFICIENCY DISEASES IN MAN: Birth Defects Original Article Series, Vol. IV, No. 1—Daniel Bergsma, Ed., Robert A. Good, Scientific Ed.—National Foundation, 1968, 473 p., illus., \$15. Workshop discussion and papers on developmental immunobiology, ranging in topics from antibody deficiency syndrome to deficiency of functions related to the immunologic processes.

MAN AND MONKEY—Leonard Williams—Lippincott, 1968, 203 p., drawings by author, photographs by Lorna Pearce, \$5.95. Detailed observations of the communication, habits and social behavior of a colony of South American woolly monkeys inhabiting a monkey sanctuary on the Cornish coast under conditions close to their native jungle.

MASS BEHAVIOR IN BATTLE AND CAPTIVITY: The Communist Soldier in the Korean War—William C. Bradbury, Dir., Samuel M. Meyers and Albert D. Biderman, Eds.—Univ. of Chicago

Press, 1968, 377 p., \$11. Studies by an interdisciplinary team of sociologists, anthropologists, psychologists and political scientists, based on interviews with prisoners as well as with key military personnel.

THE MIRAGES OF MARRIAGE—William J. Lederer and Don D. Jackson, M.D., introd. by Karl Menninger—Norton, 1968, 473 p., \$7.95. Deals with the psychological influences that have profound bearing on the success of modern marriages, and discusses the major elements of a satisfactory marriage.

MUSHROOMS and Other Common Fungi of Southern California—Robert T. and Dorothy B. Orr—Univ. of Calif. Press, 1968, 91 p., 8 color plates, drawings, paper, \$1.75. Designed to assist the amateur in identifying fleshy and woody fungi that occur along the coast, in the mountains and on the deserts of Southern California.

THE NEW BRAHMINs: Scientific Life in America—Spencer Klaw—Morrow, 1968, 315 p., \$6.50. Based on interviews with mathematician-scientists, graduate students, university professors, administrators and research directors, the book aims to portray the status of the scientific community in the United States.

POISONOUS SNAKES OF THE WORLD: A Manual for Use by U.S. Amphibious Forces—Granville M. Moore, Ed.—Dept. of the Navy Bureau of Medicine and Surgery (GOP), 1968, 212 p., 8 color plates, photographs, drawings, maps, \$3.25. An identification guide to the most widely distributed species of venomous snakes, includes table of world sources of antivenins.

RADIO METEOROLOGY—B. R. Bean and E. J. Dutton—Dover, 1968, 435 p., diagrams, maps, paper, \$2.75. Unabridged reprint (1966), brings together the work done in radio meteorology over the past ten years at the National Bureau of Standards' Central Radio Propagation Laboratory.

THE REGIONAL OFFICE DIRECTORY with Maps—Daniel Sprecher—Serina Press, 1968, 152 p., 98 maps, paper, \$4.95. Provides addresses, by state and county, of field network offices maintained by more than 100 federal civilian agencies, with maps outlining jurisdictional areas.

ROOTS: MIRACLES BELOW—Charles Morrow Wilson—Doubleday, 1968, 234 p., illus., \$5.95. Narrative about the world of roots, ranging from prehistory to the future, from the mountains of southern China to the plains of Iowa, showing the important place roots have in the scheme of life.

SPARE-PART SURGERY: The Surgical Practice of the Future—Donald Longmore—Doubleday, 1968, 192 p., photographs, illus. by M. Ross-Macdonald, Ed., \$5.95. Surgeon explains the in-

genious and complex developments for repairing the living mechanism with the help of extracorporeal machines, prosthetic limbs, implants, and simple and complex homocrafts.

THESAURUS OF ENGINEERING AND SCIENTIFIC TERMS—Engineers Joint Council with Department of Defense—Engineers Jt. Council, 1967, 690 p., \$25; flexicover \$19.50. A list of engineering and related scientific terms and their relationships for use as a vocabulary reference in indexing and retrieving technical information.

THE TIDES: Pulse of the Earth—Edward P. Clancy—Doubleday, 1968, 228 p., photographs, illus. by Warren H. Maxfield, \$4.95. Explains the tide-producing forces of gravitation, their measuring and prediction, tidal currents and tidal power, tides in the earth, in the atmosphere and in relation to the planetary system.

TIME: Fourth Dimension of the Mind—Robert Wallis, transl. from French by Betty B. and Denis B. Montgomery; preface by Marshall McLuhan, epilogue by Olivier Costa de Beauregard—Harcourt, 1968, 265 p., \$6.95. Physician discusses the creation of man's time sense, applying the techniques of the electronic microscope and electronic computer to the study of the internal temporal function in man and its cerebral mechanism.

TOPICS IN INTERMEDIATE STATISTICAL METHODS, Vol. 1—T. A. Bancroft—Iowa State Univ. Press, 129 p., \$5.90. First in a two-volume series on advanced statistical methods, selected for their particular interest to research workers in biology, agriculture, veterinary medicine, medicine and public health.

TOWARD A LESS HARMFUL CIGARETTE—National Cancer Institute Workshop, 1967, Ernest L. Wynder, Chmn., and Dietrich Hoffman, Eds.—GOP, 1968, 282 p., illus., \$3.75. Papers on the epidemiological and laboratory evidence, on measures for reducing the "tar" and nicotine levels in cigarette smoke, other specific harmful substances, and recommendations.

WINGED ROCKETRY—Major James C. Sparks, USAF (Ret)—Dodd, 1968, 183 p., photographs, \$4.50. Outlines the history of rocket plane development, discusses the new techniques projecting piloted flights into and back from orbit, for global travel, cargo transport and defense.

WORLD MEDICAL PERIODICALS: Supplement to the Third Edition—C. H. A. Fleurent—World Medical Assn., 1968, 68 p., \$3. Gives details on some 700 journals which have either first appeared or changed their title since 1961, thus bringing third edition fully up to date.

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