

books OF THE WEEK

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ASTRONOMERS ROYAL—Colin A. Ronan—Doubleday, 1969, 224 p., plates, \$5.95. Traces the history of astronomy in Britain, paying particular attention to the personalities of the leading astronomers, from the time of Elizabeth I to the late 1930's by which time air pollution had made the Royal Observatory at Greenwich an unsatisfactory location for observing stars.

CBW: Chemical and Biological Warfare—Steven Rose, Ed., with David Pavett—Beacon Press, 1969, 209 p., \$7.50; paper, \$1.95. Based on papers presented at 1968 international conference in London to provide authentic assessment of the present level of CBW weapons development, their use in war, the possibilities of defense against them, the status of such weapons in international law, and ethical problems such as the responsibility of the scientist.

CELESTIAL NAVIGATION—Frances W. Wright—Cornell Maritime Press, 1969, 142 p., illus., \$7.50. Gives explanation, with realistically worked examples, of the practice of celestial navigation at sea, using simple and inexpensive equipment and requiring only the ability to add and subtract figures.

THE CONFLICT OF GENERATIONS: The Character and Significance of Student Movements—Lewis S. Feuer—Basic Bks., 1969, 543 p., \$12.50. A study of the history and meaning of student dissidence, analyzing student agitation in Germany, Poland, Russia (Czarist and Communist), China and many other countries as well as the student alienation of the 60's in the United States.

A CRITIQUE OF PURE TOLERANCE—Robert Paul Wolff, Barrington Moore, Jr., and Herbert Marcuse—Beacon Press, 1969, 123 p., \$4.95; paper, \$1.95. Reprint (1965), contains new postscript by Herbert Marcuse.

CURRENTS AND MESONS—J. J. Sakurai—Univ. of Chicago Press, 1969, 169 p., paper, \$2. Set of notes taken at the author's course for advanced graduate students majoring in theoretical high-energy physics at the University of Chicago.

A DICTIONARY OF ENGLISH AND FOLK-NAMES OF BRITISH BIRDS—H. Kirke Swann—Witherby (Gale Research Co.), 1968, 266 p., \$9.50. Lists approximately 5,000 names of birds alphabetically, describes history, meaning and first usage of names. Originally published in England in 1913.

DIFFERENTIAL DIAGNOSIS AND TREATMENT IN SOCIAL WORK—Francis J. Turner, Ed., foreword by Florence Hollis—Free Press, 1969, 644 p., \$9.95. Selection of articles by social work practitioners, psychologists and psychiatrists, dealing with stages of human development, psychosocial pathology, physical handicaps and socio-cultural factors.

FIELDS AND RINGS—Irving Kaplansky—Univ. of Chicago Press, 1969, 198 p., paper, \$2.50. These Chicago lectures in mathematics combine theory of fields, notes on ring theory and homological dimension of rings and modules.

GUIDE TO THE DRAFT—Arlo Tatum and Joseph S. Tuchinsky—Beacon Press, 1969, 281 p., illus., \$5.95. Sets down for the information of the draft-age man the rights and obligations under the Selective Service System, explaining how to proceed, indicating the alternatives and the likely results of each choice.

JUVENILE DELINQUENCY AND URBAN AREAS: A Study of Rates of Delinquency in Relation to Differential Characteristics of Local Communities in American Cities—Clifford R. Shaw and Henry D. McKay, new introd. by James F. Short, Jr.—Univ. of Chicago Press, 1969, rev. ed., 394 p., graphs, maps, \$10. Includes new chapters updating delinquency data

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for Chicago and suburbs covering a period of about 30 years.

THE MAMMALIAN OVIDUCT: Comparative Biology and Methodology—E. S. E. Hafez and R. J. Blandau, Eds.—Univ. of Chicago Press, 1969, 546 p., illus., \$27.50. Presents the results of an international symposium reporting on recent progress in the study of the structure, embryology, development, physiology, endocrinology, pharmacology, biochemistry, immunology and pathology of the oviduct tissues, fluids and eggs.

MANPOWER NEEDS FOR NATIONAL GOALS IN THE 1970's—Leonard A. Lecht—Praeger, 183 p., tables, \$7.50. Based on National Planning Association study, the author analyzes 16 critical areas ranging from health to urban development, from area redevelopment to job training, in an assessment of manpower needs. Study concludes that a manpower shortage is likely to prevent the country from achieving the presently accepted national goals.

THE MATHEMATICAL SCIENCES: A Collection of Essays—Edited by Committee on Support of Research in the Mathematical Sciences, with George A. W. Boehm—M.I.T. Press, 1969, 271 p., illus., \$8.95. Prepared for the National Academy of Sciences in an effort to gauge the present status and envision the future needs and directions of the mathematical sciences in the United States.

MEN WHO PLAY GOD: The Story of the H-Bomb and How the World Came to Live with It—Norman Moss—Harper, 352 p., \$6.95. A readable account of the development of the thermonuclear era, includes interviews with personalities—scientists, heads of state and dissidents—bringing insight and answers to many questions.

MINERALS YEARBOOK 1967, Vol I-II: Metals, Minerals and Fuels—Bureau of Mines Staff, John F. O'Leary, Dir.—GPO, 1969, 1,262 p., \$6.25. Contains all the chapters on the metal, nonmetal and mineral fuel commodities that previously appeared in separate volumes. Includes review of these industries, a statistical summary, and chapters on employment, injuries and technological trends.

A NEW FOREIGN POLICY FOR THE UNITED STATES—Hans J. Morgenthau—Praeger, 1969, 252 p., \$6.95. Published for the Council on Foreign Relations, this analysis of American foreign policy starts with the assumption that the policy of containment, formulated in 1947, needs to be re-examined and replaced by a relevant policy adjusted to the world moving into the 1970's.

THE NEW POPULAR SCIENCE ENCYCLOPEDIA OF THE SCIENCES—William B. Sill and Norman Hoss, Eds.—Gosset & Dunlap, 1968, rev. ed., 768 p., photographs, drawings, \$5.95. One-volume reference to more than 4,000 entries explained in simple language with study guide for home education.

PEREGRINE FALCON POPULATIONS: Their Biology and Decline—Joseph J. Hickey, Ed.—Univ. of Wis. Press, 1969, 596 p., 60 photographs, maps, \$10. A major study of a contemporary ecological disaster, the catastrophic decline of peregrine populations in both Europe and North America.

PHOTOBIOLOGY—Jerome J. Wolken—Reinhold, 1969, 113 p., photographs, diagrams, paper, \$2.25. A clear and concise exposition, introducing the student to photobiology, the study of how electromagnetic radiation, visible light, interacts with living cells.

THE SURFACE OF THE EARTH—Arthur L. Bloom—Prentice-Hall, 1969, 152 p., photographs, diagrams, \$5.95; paper, \$2.50. Provides a concise, up-to-date introduction to geomorphology, the study of landscape evolution. Stressing the all-important factors of energy flow and change, the work illustrates the whole complex of forces and reactions that result in the development and evolution of the face of the earth.

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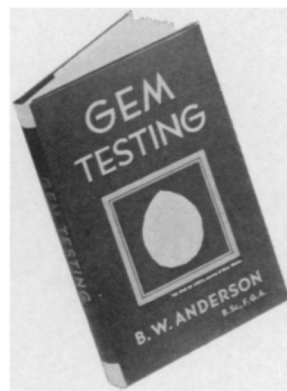
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