

books OF THE WEEK

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THE ACHIEVING GHETTO—Eugene P. Foley —National Press, 1968, 156 p., \$4.95. Concerned with the organization and encouragement of small-business opportunities for minorities, especially Negroes, analyzes past experience with federal training programs, cooperative and self-help programs.

AEROSPACE BIBLIOGRAPHY 1968 — National Aerospace Education Council—GPO, 4th ed., 63 p., paper, 40c. Updated NASA guide for teachers, students and laymen, offering annotated and graded list of books, periodicals and teaching aids dealing with space flight subjects.

AMONG THE PEOPLE: Encounters with the Poor—Irwin Deutscher and Elizabeth J. Thompson, Eds.—Basic Bks., 1968, 408 p., \$10. Contributions by doctors, educators, economists, psychologists and sociologists concerning their contacts, insights and dealings with the poor in clinics, public housing, schools and other public places.

APPOINTMENT ON THE MOON: The Inside Story of America's Space Venture—Viking Press, 1968, 434 p., 32 plates, diagrams, \$10. A coordinated account of developments from V-2 rockets to Lunar Orbiter 5, book tells the story of U.S. space effort, gives a complete account of manned orbital flights in Mercury and Gemini projects, and explains what each mission added to the capability of man and machines in space.

BLACK RAGE—William H. Grier, M.D. and Price M. Cobbs, M.D., foreword by Senator Fred R. Harris—Basic Bks., 1968, 213 p., \$5.95. Two Negro psychiatrists give their insights into the deep inner conflicts in the black man's relationships to his family and in regard to himself in this country.

COMMUNICATION IN THE ANIMAL WORLD —William F. Evans—Crowell, 1968, 182 p., photographs, illus. by Nancy Lou Gahan, \$5.95. Written for general reader and scientist, the book summarizes with a minimum of technical detail the major research going on in exploring channels of signal transfer in aquatic animals, insects, reptiles, birds and mammals.

THE CONSTRUCTIVE USES OF NUCLEAR EXPLOSIVES—Edward Teller, Wilson K. Talley and others—McGraw-Hill, 1968, 320 p., photographs, diagrams, \$12.75. A technical book on nuclear explosives engineering, summarizes aspects of energy transfer, nuclear radiation, Ploughshare tests, such industrial uses as earth moving, petroleum production, mining, power and chemical production, and scientific applications.

CREATIVE GLASS BLOWING—James E. Hammesfahr and Clair L. Stong, foreword by Charles H. Greene—Freeman, 196 p., 9 color plates, 147 illus., \$8. Written by amateur glass blower, the book describes tools and techniques for scientific, novelty and ornamental glass blowing.

CURIOUS NATURALISTS —Niko Tinbergen—Doubleday, 1968, 301 p., 54 photographs, drawings, paper, \$1.75. Reprint (1958), covers years of field work studying the behavior of bees, snow buntings, sand wasps, gulls and Kittiwakes in their environment.

EDUCATION GUIDE TO FREE FILMS, 1968—Mary Foley Horkheimer and John W. Diffor, Eds.—Educators Progress Service, 28th ed., 787 p., paper, \$10.75. Annotated listing of 4,943 titles of films, 1,178 of which were not listed in previous editions.

THE EVOLUTION AND CLASSIFICATION OF FLOWERING PLANTS —Arthur Cronquist—Houghton, 1968, 396 p., illus., \$6.95. Provides student or professional botanist with clear exposition of modern broad-scale taxonomy, as well as with a character-by-character treatment of probable evolutionary trends in angiosperms and

the evolutionary significance of the nature of the supply of mutations.

EXPERIMENTS IN ANIMAL BEHAVIOUR—Marguerite D. Hainsworth—Houghton, 1968, 206 p., plates, diagrams, \$4.80. For interested amateur naturalists and student groups, high school as well as college, the book offers ideas for original investigations and methods used in experiments with the behavior of hydra, planaria, worms, insects, snails, fish and rodents.

FABLED TRIBE: A Voyage to Discover the River Bushmen of the Okavango Swamps—Clive Cowley, foreword by R. C. J. van Hoogstraten—Atheneum, 1968, 232 p., photographs, maps, \$6.95. Chronicle of a scientific expedition's journey through the vast swampland of southern Africa, in search of a remnant of the Tannakwe tribe.

FUTURE URBAN TRANSPORTATION SYSTEMS, Final Report I: Descriptions, Evaluations and Programs. Final Report II: Impacts on Urban Life and Form—Clark Henderson, Robert A. Burco and David A. Curry—Stanford Research Institute, 1968, 426 p., 380 p., illus., maps, paper, two-vol. set \$11. Study examines goals and tentative guidelines for system concepts and describes the technological solutions of eight possible future systems of urban passenger service.

HEAVY WEATHER SAILING —K. Adlard Coles—John de Graff, 1968, 304 p., photographs, diagrams, \$12.50. Based on long experience with heavy weather in long-distance cruising, the author describes ocean races in gales, mistral and hurricanes and the lessons learned in dealing with survival storms.

HONEYBEES FROM CLOSE UP —Arthur M. Dines—Crowell, 1968, 114 p., 80 photographs by Stephen Dalton, \$6.95. Shares with the reader the experience of studying and working with bees, combining magnified illustrations with instructive text.

THE INSPIRATION OF SCIENCE—Sir George Thomson—Doubleday, 1968, 184 p., illus., paper, \$1.25. Reprint (1961), shows in examples taken from physics how scientist thinks and works.

LEONARDO DA VINCI—V. P. Zubov, transl. from Russian by David H. Kraus—Harvard Univ. Press, 1968, 335 p., illus., \$9.95. A scholarly interpretative biography of the characteristics of Leonardo's scientific and philosophical ideas as well as his inner conflicts, presented under five main headings—science, the eye, mathematical sciences, time and homo faber.

McGRAW-HILL MODERN MEN OF SCIENCE, Vol. II—David I. Eggenberger and Daniel N. Lapedes, Eds.—McGraw-Hill, 1968, 679 p., illus., \$19.50. Contains 420 biographies, 385 of them autobiographical, presenting leading contemporary scientists. Describes not only what each man did but also why and how he pursued his research.

MAN IN THE EVERGLADES: 2000 years of Human History in the Everglades National Park—Charlton W. Tebeau—Univ. of Miami Press, 1968, rev. ed., 192 p., photographs, maps, \$4.95. Historian writes of the Calusa and Tequesta Indians and their mounds, of the Seminoles and white settlers that inhabited the Everglades.

MANUAL OF HAZARDOUS CHEMICAL REACTIONS, 1968—National Fire Protection Association—NFPA, 3rd ed., 254 p., paper, \$2.50. Compilation of more than 2,000 documented reactions, potentially hazardous, ranging from reactions that produce incandescence or flame at moderate temperatures to those that produce explosions or detonations.

METAMORPHOSIS: A Problem in Developmental Biology—William Etkin and Lawrence I. Gilbert, Eds.—Appleton, 1968, 459 p., illus., \$15. Addressed to researchers and graduate students, this up-to-date volume deals with the aspects of metamorphosis in both invertebrates and vertebrates.

MEXICO—Hanns Reich, Ed., text by Hans Leuenberger—Hill & Wang, 1968, 145 p., 124 photographs by Thomas Cugini and others, map, \$7.95. Short review of Mexican history and explanatory captions to full-page photographs of Mexico today.

NASA ASTRONAUTS — National Aeronautics and Space Administration—GPO, 1967, 40 p., photographs, paper, 35c. Biographies of the 66

astronauts selected since the beginning of the manned space flight programs.

NO EASY VICTORIES — John W. Gardner; Helen Rowan, Ed.—Harper, 1968, 177 p., \$4.95. Short essays on some of the critical and controversial issues in our time.

PIONEERS IN SCIENCE—Frank and James M. Siedel, introd. by Leonard Carmichael—Houghton, 160 p., portraits by Ted Gorka and Michael Sorisky, chronology, \$3.60. Two-page biographies of outstanding workers in pure and applied science, with direct quotes bringing out their main interests, personalities and accomplishments.

SOCIETY, PERSONALITY AND DEVIANT BEHAVIOR: A Study of a Tri-Ethnic Community—Richard Jessor and others—Holt, 1968, 500 p., \$9.95. A report of an exploration in behavioral science, studying deviant behavior, especially excessive alcohol use, in a small rural community with Anglo-American, Spanish-American and Indian population.

TECHNOLOGICAL CHANGE AND ECONOMIC DEVELOPMENT: The Manufacturing Experience of Mexico and Puerto Rico—W. Paul Strassmann—Cornell Univ. Press, 1968, 353 p., \$12.50. Based on information collected from 70 diverse manufacturing firms, this analysis charts the typical course that technological change in manufacturing takes in early industrializations.

TERATOLOGY OF THE CENTRAL NERVOUS SYSTEM: Induced and Spontaneous Malformations of Laboratory, Agricultural and Domestic Mammals —Harold Kalter — Univ. of Chicago Press, 1968, 483 p., 20 plates, \$17.50. Comprehensive study of the gross structural departures from the norm having their origin before birth. Discusses principles and methods of experimentally induced effects through nutrient deficiency, radiation and other procedures, and describes spontaneous malformation in various species.

TOWARD EFFECTIVE COUNSELING AND PSYCHOTHERAPY: Training and Practice—Charles B. Truax and Robert R. Carkhuff—Al-dine Pub. Co., 1967, 416 p., \$10.75. Review and analysis of the nature and efficacy of therapy as reported in a series of investigations, developing scales for rating three important aspects of psychotherapeutic relationship: empathy, nonpossessive warmth and the therapist's self-congruence.

WATER RESOURCES MANAGEMENT AND PUBLIC POLICY—Thomas H. Campbell and Robert O. Sylvester, Eds.—Univ. of Wash. Press, 1968, 253 p., diagrams, \$9.50. Brings together the views of scientists, economists, engineers and men from law and industry to outline for laymen, legislators and the public, many of the technical, scientific and policy issues involved in the management of water resources.

WHITE-COLLAR CRIMINAL: The Offender in Business and the Professions—Introd. and notes by Gilbert Geis, Ed.—Atherton Press, 1968, 448 p., \$8.50. A collection of articles and studies dealing with empirical data and theoretical analysis of such crimes as embezzlement, business theft, consumer fraud and anti-trust violations.

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