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books OF THE WEEK

THE ANTARCTIC—H. G. R. King—Arco, 1970, 276 p., 310 photographs (67 in color), maps, \$9.95. Drawing on the resources of the Scott Polar Research Institute, the book provides the general reader with fact-filled background information on the history of scientific investigations of the Antarctic regions.

ASTRONOMY—Donald H. Menzel—Random House, 1970, 320 p., color plates, 210 photographs, 85 diagrams and 24 sky maps by Ching-Sung Yü, \$17.50. Reviews the history of astronomy, the development of the instruments and techniques of astronomy, and gives a detailed and authoritative account of the important observations and discoveries made in recent years.

THE CONSPIRACY OF THE YOUNG—Paul Lauter and Florence Howe—World Pub. Co., 1970, 399 p., \$8.50. An attempt by two educators to explain a generation at war with its elders, the book tries to interpret the concerns and strategies of the young in the context of the U.S. public school and social environment.

CURRENT ISSUES IN ANIMAL LEARNING: A Colloquium—James H. Reynierse, Ed.—Univ. of Neb. Press, 1970, 394 p., diagrams, \$11.50. Selection of current research, includes a diversity of empirical and theoretical approaches, ranging from polythetic biopsychology as an alternative to behaviorism, to analysis of the role of reward and reward magnitude in instrumental learning.

DISADVANTAGED CHILD, Vol. 3: COMPENSATORY EDUCATION: A National Debate—Jerome Hellmuth, Ed.—Brunner/Mazel, 1970, 466 p., illus., \$12.50. Brings together various points of view on testing and evaluation of testing methods, discusses compensatory education programs and their results.

THE DOOMSDAY BOOK: Can the World Survive?—Gordon Rattray Taylor—World Pub. Co., 1970, 335 p., \$7.95. Takes grim look at the future of mankind, and offers a documented, over-all survey of all the interacting and progressing ecological threats confronting mankind today.

THE ECOLOGICAL CONTEXT—John McHale—Braziller, 1970, 188 p., diagrams, \$7.95. Discusses and presents graphically the world consumption of common resources—food, energy, materials—and the ways in which this consumption affects environment.

EDUCATION IN CREATIVE ENGINEERING—Y. T. Li, Ed.—M.I.T. Press, 1970, 386 p., illus., paper, \$6.95. Symposium papers and workshop discussions of an experimental program designed to provide a creative engineering environment by bringing together students, faculty and engineers from the aerospace industry.

FOUR MINUTES TO LIFE—Ann Cutler, foreword by James R. Jude, M.D.—Cowles Bk. Co., 1970, 212 p., illus., \$5.95. Describes dramatic episodes of resuscitation in preventing death from heart failure, asphyxia, drowning, suffocation, lightning strokes and automobile accidents, such as that of the Russian theoretical physicist Landau.

GARDENS OF EUROPE: A Pictorial Tour—Dorothy Loa McFadden—Barnes, A. S., 1970, 198 p., 169 photographs (33 in color) by author and James L. McFadden, \$25. Description of gardens in 13 countries, arranged by type, with directions for visiting them.

A GUIDE TO THE BIRDS OF SOUTH AMERICA—Rodolphe Meyer de Schauensee—Livingston Pub. Co., 1970, 470 p., 50 plates (most in color), drawings, maps, \$20. Brings together for the professional and

amateur ornithologist the essentials for the identification of nearly 3000 species of birds found in South America.

IMMUNOLOGICAL SURVEILLANCE—Sir Macfarlane Burnet—Pergamon Press, 1970, 280 p., diagrams, \$7.75. Written by Nobelist in "almost semi-popular form," the book presents an up-to-date account of the interaction of immune processes with malignant disease and in natural aging.

INFECTIONS AND IMMUNOSUPPRESSION IN SUBHUMAN PRIMATES—H. Balner and W. I. B. Beveridge, Eds.—Williams & Wilkins, 1970, 258 p., illus., \$21. Symposium papers deal with the medical use of subhuman primates, discussing simian viruses and bacterial infections, environmental and experimental conditions, and the hazards of immunosuppression.

INTRODUCTION TO STRUCTURALISM—Michael Lane, Ed.—Basic Bks., 1970, 456 p., diagrams, \$10. Displays a wide range of areas where the analytic methods of structuralism can be applied, from linguistics and semantics of style, mythical structure and fairy tales, to probing the legitimacy of Solomon and structure in mathematics.

METHODS IN MEDICAL RESEARCH, Vol. 12—R. E. Olson, Ed.—Year Bk. Medical Pubs., 1970, 440 p., illus., \$20. Describes the present state of the art and science of chromatography in adsorption chromatography, gas-liquid chromatography, ion-exchange, electrochromatography, and systems for separating and identifying a variety of compounds of biological interests.

THE METROPOLITAN ECONOMY: The Process of Employment Expansion—Thomas M. Stanback, Jr. and Richard V. Knight, foreword by Eli Ginzberg—Columbia Univ. Press, 1970, 279 p., tables, \$11.50. Pioneering study of the dynamics of employment expansion in the U.S., presents significant findings concerning local and regional differences, and the relation of size and type of city to different rates of growth.

MILESTONES IN MOTIVATION: Contributions to the Psychology of Drive and Purpose—Wallace A. Russell, Ed.—Appleton-Century-Crofts, 1970, 572 p., illus., \$8.75. Selection of readings in different lines of development that influence the present state and the direction of future work in motivational psychology.

MOLECULAR-GENETIC MECHANISMS OF DEVELOPMENT—Zhores A. Medvedev, transl. from Russian by Basil Haigh—Plenum Press, 1970, 418 p., illus., \$25. A comprehensive analysis of the molecular-genetic and biochemical aspects of development and differentiation of living organisms.

NORMAL AGING: Reports from the Duke Longitudinal Study, 1955-1969—Erdman Palmore, Ed.—Duke Univ. Press, 1970, 431 p., graphs, tables, \$17.50. Monograph assembles and summarizes the basic findings of an interdisciplinary investigation of the physical, mental and social processes of aging in a group of 256 normal community residents over age sixty.

SOCIAL ECONOMICS FOR THE 1970's—George F. Rohrlich, Ed., foreword by Alvin H. Hansen—Dunellen Co., 1970, 189 p., \$9.95. A collection of probing articles concerning U.S. economic policy objectives and problem areas, proposing programs for health, manpower and social security.

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