

books OF THE WEEK

GARDENING IN THE SHADE: A Handbook—Harold Epstein, Ed.—Brooklyn Botanic Garden, 1970, 97 p., photographs, paper, \$1.50. Generously illustrated guide to the use of evergreens, bulbs, annuals, hosta, primulas, trees, shrubs and other plants that thrive in shady places.

THE GOLDEN AGE OF PLANT HUNTERS—Kenneth Lemmon—Barnes, A. S., 1970, 229 p., illus., \$12.50. Tells about the horticultural adventurers who went to remote regions in search of new plants and seeds. Concentrates on the period 1760-1860, based largely on hitherto unpublished material.

THE IDEAL OF THE UNIVERSITY—Robert Paul Wolff—Beacon Press, 1970, 161 p., \$5.95. Combines general reflections on the nature of a university, on the politicizing of campuses, with some "practical proposals for utopian reform."

THE INTERACTION OF SCIENCE AND TECHNOLOGY—W. Dale Compton, Ed.—Univ. of Ill. Press, 1970, 137 p., diagrams, \$5.50. Papers explore such topics as the payoff ratios of research processes, university-industry joint ventures in applied science, and mission-oriented agency scientific research activities.

THE LIFE OF THE JUNGLE—Paul W. Richards—McGraw-Hill, 1970, 232 p., 100 color photographs, drawings, \$4.95. Profusely illustrated description of the world of the tropical rain forest, its flora and fauna, and its delicate balance of life.

MARINE AQUICULTURE—William J. McNeil, Ed.—Ore. State Univ. Press, 1970, 172 p., illus., \$6. Summarizes research in fish nutrition and genetics, and other aspects of increasing the yield of cultured marine organisms.

MEDICINE FOR MAN: The Development, Regulation and Use of Prescription Drugs—Harry F. Dowling—Knopf, 1970, 360 p., illus., \$7.95. Offers a balanced appraisal of conflicting ideas and attitudes of the various groups involved with drugs, from conception to consumption, and offers suggestions for correction of existing problems.

THE MONTAGNARDS OF SOUTH VIETNAM: A Study of Nine Tribes—Robert L. Mole—Tuttle, 1970, 277 p., illus., maps, \$4.50. About the customs, characteristics and social structure of some of the mountain-dwelling groups U.S. military personnel is encountering in their remote villages.

ONE LIFE: Christiaan Barnard—Christiaan Barnard and Curtis Bill Pepper—Macmillan, 1970, 402 p., \$7.95. Autobiography of his youth, surgical career, and the complete story of pioneering the first human heart transplant.

PARENTS AND CHILDREN IN HISTORY: The Psychology of Family Life in Early Modern France—David Hunt—Basic Bks., 1970, 226 p., \$6.95. This scholarly, readable study covers the years 1550-1700, starting with documents of the Richelieu family, and progressing with details on childrearing in the old regime families of the 17th century.

PHYSICS OF THE EARTH—T. F. Gaskell—Funk & Wagnalls, 1970, 216 p., photographs, diagrams, \$6.95. Presents in succinct form, well illustrated review of what research discovered about the earth's interior, continental drift, ocean floors, causes of earthquakes and volcanoes, and other seismological observations.

PRIVATE WEALTH AND PUBLIC EDUCATION—John E. Coons, William H. Clune III and Stephen D. Sugarman—Harvard Univ. Press, 1970, 520 p., \$12.50. Examines the existing financial structure in a number of states and shows the inequities caused by differences in taxable wealth per child in different localities. Presents a solution which will eliminate the inequities and shows the legal path to the adoption of such a solution.

PROMISE OR PERIL: The Black College Student in America—William R. Corson—Norton, 1970, 190 p., \$4.95. Gives insight into the black student's academic environment, the radicalization of black students, and the methods and tactics of black revolution.

PUNISHMENT: The Supposed Justifications—Ted Honderich—Harcourt, 1970, 202 p., \$6.50. Examines and assesses classical and contemporary attempts to give a moral justification for the practice of punishment, and examines contemporary compromises of justified punishment.

QUANTA: Essays in Theoretical Physics Dedicated to Gregor Wentzel—P. G. O. Freund, C. J. Goebel and Y. Nambu, Eds.—Univ. of Chicago Press, 1970, 414 p., photographs, diagrams, \$9.75. Original papers dealing exclusively with topics in theoretical physics.

SIR CHARLES LYELL'S SCIENTIFIC JOURNALS ON THE SPECIES QUESTION—Leonard G. Wilson, Ed.—Yale Univ. Press, 1970, 572 p., illus., \$17.50. Notebooks kept between 1855 and 1861 reveal evidence drawn from geology, paleontology, anthropology and geographical distribution of species that convinced the author to accept Darwin's theories.

SOCIOLOGY TOMORROW—Peter Park—Pegasus, 1970, 181 p., paper, \$1.95. An evaluation of sociological theories in terms of science discusses the fundamentals of quantification and measurement.

SOILS: Their Nature, Classes, Distribution, Uses and Care—J. Sullivan Gibson and James W. Batten—Univ. of Ala. Press, 1970, 296 p., photographs, maps, \$7. Presents the newest ideas about the processes of soil formation and a simple treatment of soil classification. Lists 163 representative U.S. soil series.

THE STEAM-POWERED AUTOMOBILE: An Answer to Air Pollution—Andrew Jamison—Indiana Univ. Press, 1970, 166 p., \$4.95. Outlines the critical areas of air pollution, progress in legislation for its control, the history of the steam car, and developments toward a viable steam power plant.

THE STRUCTURE OF SCIENTIFIC REVOLUTION—Thomas S. Kuhn—Univ. of Chicago Press, 1970, 2nd ed., 210 p., \$6; paper, \$1.50. Analyzes the nature, causes and consequences of revolutions in basic scientific concepts, with emphasis on the development of physical science in the last three hundred years.

SUPERHIGHWAY — SUPERHOAX — Helen Leavitt—Doubleday, 1970, 324 p., illus., \$6.95. A frankly critical but documented discussion of the superhighway system, its huge lobby, and the plight of the urban centers.

TECHNOLOGY, MANAGEMENT AND SOCIETY—Peter F. Drucker—Harper, 1970, 209 p., \$5.95. Collection of essays deal with man's tools and his materials, with his institutions and organizations, and with the way he works and makes his living.

THE TIMELY AND THE TIMELESS: The Interrelationships of Science, Education and Society—Bentley Glass, foreword by Ward Madden—Basic Bks., 1970, 108 p., diagrams, \$4.95. The 11th John Dewey Society Lecture considers educational obsolescence in rapidly developing fields of knowledge, curriculum studies, and the study of science as social process.

THE VOCABULARY OF SCIENCE—Lancelot Hogben with Maureen Cartwright—Stein & Day, 1970, 184 p., \$6.95. Reference work on the Latin and Greek contribution to scientific nomenclature, the French reform, and spelling as a tool of diagnosis. Lists of basic English-Greek and English-Latin vocabularies, and medical and biological Greek and Latin terms are included.

WESTWARD TO VINLAND: The Discovery of Pre-Columbian Norse House-sites in North America—Helge Ingstad, transl. from Norwegian by Erik J. Friis—St. Martin's Press, 1969, 250 p., plates, \$6.95. Describes the six expeditions between 1960 and 1967 to the northern tip of Newfoundland which led to the discovery of the first Norse settlement to be found in North America.

WHERE THE WINDS SLEEP: Man's Future on the Moon, a Projected History—Neil P. Ruzic, foreword by Wernher von Braun—Doubleday, 1970, 236 p., illus. by Donald G. Lewis, \$5.95. Tells with technical insight and imagination how the author visualizes the timetable of developments on the moon until the year 2045.

WHO'S WHO OF BRITISH SCIENTISTS, 1969-70—Ohio Univ. Press, 1970, 974 p., \$49. Gives details of the background and careers of the top 10,000 British men and women who are working in the biological and physical sciences, includes classified index, index of scientific societies and their journals, and research establishments.

THE WOLF: The Ecology and Behavior of an Endangered Species—L. David Mech—Natural Hist. Press, 1970, 384 p., photographs, drawings, maps, \$9.95. A detailed scientific study of wolf behavior and its wilderness merit.

WORLD CATTLE, Vols. I and II—John E. Rouse—Univ. of Okla. Press, 1970, 1046 p., photographs, maps, boxed, \$25. Country-by-country treatment, offers ready reference to cattle in other parts of the world, includes descriptions of many exotic breeds and their uses.

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