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ASIMOV'S BIOGRAPHICAL ENCYCLOPEDIA OF SCIENCE AND TECHNOLOGY: The Lives and Achievements of 1195 Great Scientists from Ancient Times to the Present, Chronologically Arranged—Isaac Asimov—Doubleday, 1972, 2nd rev. ed., 805 p., photographs, \$12.50. From Imhotep to Carl Sagan, updated and including 200 new names, these biographical sketches summarize clearly the particular scientific contributions made.

ASIMOV'S GUIDE TO SCIENCE—Isaac Asimov—Basic Bks., 1972, 945 p., photographs, drawings, tables, \$15; until 7/1/72: \$12.95. Thoroughly revised and updated **NEW INTELLIGENT MAN'S GUIDE TO SCIENCE**, now includes such post-1965 developments as pulsars, black holes, continental drift, moon probes, REM sleep, holography, and many more.

BEHAVIOUR OF WOLVES, DOGS AND RELATED CANIDS—Michael W. Fox—Harper, 1972, 220 p., photographs, drawings, \$10. Fully illustrated comparative study of canids, focuses on the development of behavior in several species of hand-raised wolves, coyotes, jackals, red, grey and Arctic foxes, and domesticated dogs. Shows how life style of each species is attuned to its environment.

HUMAN BLOOD GROUPS AND INHERITANCE—Sylvia D. Lawler and L. J. Lawler, foreword by R. R. Race—St. Martins, 1972,

3rd ed., 107 p., photographs, diagrams, \$5.50. Monograph discusses the discovery, applicable techniques, frequency of distribution of the several blood group systems, and some of the practical applications of this knowledge.

IONS AND ION PAIRS IN ORGANIC REACTIONS, Vol. 1—Michael Szwarc, Ed.—Wiley-Interscience, 1972, 399 p., diagrams, \$17.95. First of two-volume monograph, deals with the physical techniques that have helped unravel the problems of structure, energetics and dynamics of ions and ion pairs. Contributions range from concept of ion pairs, to the quantitative approach to electron spin, and NMR studies of ion pairs.

LEARNING ABOUT NATURE THROUGH INDOOR GARDENING—Virginia W. Muselman—Stackpole Bks., 1972, 126 p., illus., \$3.95. Comprehensive little handbook for adult-child sharing in observant and correct plant care in general, and learning about 74 familiar houseplants in particular.

LIFE IN A LOG—George I. Schwartz and Bernice S. Schwartz—Natural Hist. Press, 1972, 138 p., photographs, drawings by authors, \$5.95. Takes the reader into the little world of life in a decaying and, finally, "dead" tree, and tells about the plants and animals that live on and contribute to the decomposition of the log.

LIVING ON THE THIRD PLANET—Hannes and Kerstin Alfvén, transl. from Swedish by Eric Johnson—Freeman, 1972, 187 p., \$4.95. Analyzes the condition of human affairs on earth, what brought them to the state they are in, and tries to discover organizational structures that might promote more effectively human coexistence in the "cybernetic epoch."

MUSIC AND TECHNOLOGY: Unesco Meeting, Stockholm, 1970—Werner Kaegi, Minao Shibata and others—Unipub, 1971, 208 p., paper, \$12. Papers range from discussion of music and technology in the Europe of 1970,

and the use of computer programs in creating music, to description of the electronic sound studio of the 1970's, and aspects of space in electronic music.

NEURO-NUCLEAR MEDICINE—E. J. Potchen and V. R. McCready, Eds.—Univ. Park Press, 1972, 430 p., radiograms, line drawings, diagrams, \$29.50. Nine original, comprehensive contributions by foremost authorities on radionuclide brain scanning. Topics range from principles of brain scan interpretations to radioisotopic assessment of regional cerebral blood flow.

PASSION TO KNOW: The World's Scientists—Mitchell Wilson—Doubleday, 1972, 409 p., \$10. Exploring the characteristics creative scientists have in common, the scientist-author has interviewed leading scientists in the U.S.A., India, Israel, Russia, Japan, Germany, France, England and Australia, to discuss with them their lives, their jobs and the conditions in which they work.

THE SCIENCE OF WAR AND PEACE—Robin Clarke—McGraw-Hill, 1972, 335 p., \$10. Brings together in a broad overview a mass of military developments, research findings, governmental acts and statements that bear witness to modern man's preoccupation with technological developments which have destructive consequences.

SCIENTIFIC AND TECHNICAL LIBRARIES: Their Organization and Administration—Lucille J. Strauss, Irene M. Shreve and Alberta L. Brown—Wiley-Becker-Hayes, 1972, 2nd ed., 450 p., illus., \$14.95. Updated and revised manual of library practice in the specific areas of the life and physical sciences, including their applications.

SCIENTISTS ABROAD: A Study of the International Movement of Persons in Science and Technology—Unesco, 1971, 147 p., paper, \$3. Presents data of reports and surveys of international travel of scientists, engineers and technicians, and attempts to assess the relationship of this movement to national development, suggesting both short- and long-term solutions to the problems posed.

THE SURVEILLANCE AND PREDICTION OF VOLCANIC ACTIVITY: A Review of Methods and Techniques—T. Minakami and others, introd. by G. S. Gorshkov—Unesco, 1971, 166 p., photographs, diagrams, paper, \$19. Emphasis in this volume is on techniques to obtain reliable and precise information about events within the volcano and the various parameters which may indicate the imminence of an eruption.

SWEET AND DANGEROUS: The New Facts About the Sugar You Eat as a Cause of Heart Disease, Diabetes, and Other Killers—John Yudkin, M.D.—Wyden, 1972, 208 p., \$5.95. Physician, biochemist and researcher, the author presents in lay terms the reasons for his indictment of ordinary table sugar as one of the principal causes of coronary disease.

TREE MAINTENANCE—P. P. Pirone—Oxford Univ. Press, 1972, 4th ed., 574 p., photographs, drawings, \$15. Present edition of this standard reference not only eliminates DDT from insect control schedules but a number of other pesticides. Includes more problems pertaining to trees in southern parts of U.S., trend towards low-growing trees, and newest machinery for arborist.

VANISHING WINGS: A Tale of Three Birds of Prey—Griffing Bancroft—Watts, F., 1972, 154 p., illus. by John Hamberger, \$5.95. Ornithologist's stories of individual birds showing how through the food chain the poisons in insecticides picked up by aphids and earthworms can have devastating cumulative effects on eagle, falcon and osprey.

WATER: The Web of Life—Cynthia A. Hunt and Robert M. Garrels—Norton, 1972, 207 p., \$6.95. Examines the water cycle and shows how oceans, lakes, rivers, ponds and rains form a single interlocking, always mobile system. Emphasis is on world water supplies, with U.S. used as a typical example of developed country. Concludes that the future will require the complete management of water.

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