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**ABOUT THE LAND, THE RAIN AND US**—Terry Shannon—Melmott, 31 p., illus. by Charles Payzant, \$2.50. A first reader about conservation.

**AMERICAN WOMEN:** Report of the President's Commission on the Status of Women, 1963—GPO, 85 p., charts, \$1.25. Report assesses the position of women and the functions they perform in the home, in the economy and in the context of the total American society.

**ANTHROPOLOGICAL PAPERS,** Numbers 63-67—Matthew W. Stirling and others—Smithsonian Inst. Bur. of Am. Ethnology (GPO), 310 p., photographs, illus., paper, \$2. Monographs on Tarqui, an early site in Ecuador, on Blackfoot Indian pipemaking, the Yaqui deer dance, and Chippewa mat-weaving.

**ASPECTS OF PROTEIN STRUCTURE**—G. N. Ramachandran—Academic Press, 380 p., illus., \$13. Proceedings of 1963 Symposium held in Madras, India, dealing with the results of recent experiments on protein structure, and application of new research methods, optical, electron microscopic and chemical studies.

**ATLAS OF ELECTRON SPIN RESONANCE SPECTRA:** Theoretically Calculated Multicomponent Symmetrical Spectra—Ya. S. Lebedev and others, transl. from Russian—Consultants, 229 p., graphs, \$15. Contains the graphs of theoretical ESR spectra with symmetrical hyperfine structure present.

**THE ATOMIC AGE:** Scientists in National and World Affairs—Morton Grodzins and Eugene Rabinowitch, Eds.—Basic Bks., 616 p., \$10. Articles on national and world affairs, from the Bulletin of the Atomic Scientists 1945-1962, grouped by subject and with introductions by the editors.

**BIOCHEMISTRY OF INDUSTRIAL MICRO-ORGANISMS**—C. Rainbow and A. H. Rose, Eds.—Academic Press, 708 p., illus., \$22. Deals comprehensively with the biochemistry of the established industrial micro-organisms, as well as those which at present are only of potential industrial importance.

**THE BLIGHT ON THE IVY**—Richard E. Gordon and Katherine Gordon—Prentice-Hall, 313 p., \$4.95. A popularly written study of college students under stress.

**CAOTI OF SAN DIEGO COUNTY:** A Non-Technical Guide—George Lindsay—San Diego Nat. Hist. Mus., 48 p., photographs, paper, \$1.50. Depicts, partially in color, and describes native cacti.

**THE CHALLENGE OF MEDICINE**—William Kitay—Holt, 182 p., \$3.50. A book designed to interest young people in a career in medicine.

**CHROMATOGRAPHIC METHODS**—R. Stock and C. B. F. Rice—Reinhold, 206 p., diagrams, \$10. Presents a short account of present techniques, with emphasis on paper and gas chromatography. Includes student experiments in gas chromatography.

**COMMODORE PERRY IN JAPAN**—Robert L. Reynolds; Douglas MacArthur II, Consultant—Am. Heritage (Harper), 153 p., 108 illus., \$3.95. Colorful story of the events which led to the treaty that opened the door to trade between Japan and the United States.

**CONSERVATION DIRECTORY, 1963:** A Listing of Organizations and Officials Concerned with Natural Resources—National Wildlife Federation, 95 p., paper, \$1 direct to publisher, 1412 16th St., N.W., Washington, D. C. 20036.

**CORNING RESEARCH, 1962:** Articles by Corning Glass Works Scientists—R. F. Tucker and others—Corning Glassworks, 102 p., illus., single copies free upon request direct to publisher, 717 Fifth Ave., New York 22, N. Y. Collection of monographs published last year in various professional journals.

**DANGEROUS CHEMICAL SUBSTANCES AND PROPOSALS CONCERNING THEIR LABELING,** Vol. I: Chemical Classification—Council of Europe (Manhattan Pub. Co.), 237 p., paper, illus., \$4. Deals with the danger symbols, risks and safety measures, in English, French, German, Dutch and Italian.

**DESIGN OF SPACE POWERPLANTS**—Donald B. Mackay—Prentice-Hall, 332 p., diagrams, \$15. A textbook in the field of nonpropulsive power and temperature control in space.

**THE EARLIEST AMERICANS**—William E. Scheele—World Pub. Co., 59 p., illus. by author, \$2.75. Tells young people the story of the discovery of the Folsom points and traces of Sandia man in New Mexico.

**FIFTH PLANET**—Fred Hoyle and Geoffrey Hoyle—Harper, 218 p., \$3.50. A novel about the year 2087, written by British astronomer with his son.

**THE FIRST BOOK OF UTAH**—Olive Burt-Watts, F., 66 p., photographs, map, \$2.50. About the land and the history of its people.

**FOOD PROCESSING OPERATIONS:** Their Management, Machines, Materials and Methods, Vol. II—J. L. Held and Maynard A. Joslyn, Eds.—Avi Pub. Co., 594 p., illus., \$19.75. Authoritative articles on the management, organization, sanitation and safety of food processing operations.

**GETTING STARTED WITH TRANSISTORS:** Louis E. Garner Jr.—Gernsback Lib., 160 p., illus., paper, \$3.95. A practical introduction to working with transistors.

**GLOSSARY OF PHARMACEUTICAL TERMS** in Five Languages—Council of Europe, Strasbourg (Manhattan Pub. Co.), 146 p., paper, \$3. Compilation of principal terms used in Belgium, France, Italy, Luxembourg, Netherlands, Western Germany and United Kingdom.

**A HISTORY OF ELECTRICITY**—Edward Tatnall Canby—Hawthorne, 122 p., designed by Erik Nitsche, \$5.95. Vol. 6 in the New Illustrated Library of Science and Invention, with unusually fine illustrations, printed in Switzerland.

**HOW TO FIX ALMOST EVERYTHING**—Stanley Schuler—M. Evans (Lippincott), 192 p., illus. by Sigman-Ward, \$3.95. An encyclopedic guide to solve many simple fix-it problems around the house.

**HOW TO LIVE WITH A HEARING HANDICAP**—Philip H. Van Itallie, introd. by Joseph Sataloff, M.D.—Eriksson, 215 p., \$5. Discusses all kinds of impairments to help those with hearing problems, written by a hard-of-hearing person and checked for accuracy by otologist.

**HOW TO SOLVE PROBLEMS AND WRITE EQUATIONS IN GENERAL CHEMISTRY**—George S. Sasin and Richard Sasin—Littoral Pub., 205 p., paper, \$2.60. Designed for self-study and thinking, with progressive difficulty and built-in self-checking devices.

**HYPOXIA**—Edward J. Van Lier and J. Clifford Stickney—Univ. of Chicago Press, 381 p., \$8.75. Classifies and reviews literature on the various forms of hypoxia, and deals with the effects of oxygen on the circulatory and nervous system.

**INFRA-RED SPECTROSCOPY AND MOLECULAR STRUCTURE:** An Outline of the Principles—Mansel Davies, Ed.—Elsevier Pub. Co. (N. Y.), 468 p., diagrams, \$13.50. An introduction to the principles and practices of those aspects of infrared spectroscopy which are of major interest in the study of molecular structure and molecular behavior.

**INTERNATIONAL FERTILIZER GUIDE, 1963-1964**—Noyes Development Corp., 51 p., paper, \$12. Lists the names and addresses of the leading world producers of fertilizer materials, country by country.

**THE LANGUAGES OF SCIENCE:** A Survey of Techniques of Communication—John Wolfenden, George W. Beadle, James Gray and others, introd. by Philippe Le Cobeiller—Basic Bks., 173 p., illus., \$4.95. Eight essays about advances in biological communication at the gene level, communication equipment of the human brain and psychological factors in communication.

**LOGICAL ELECTRONIC TROUBLESHOOTING:** A Programmed Book—Donald H. Schuster—McGraw, 303 p., diagrams, ringbound, \$5.95. Designed to help the electronic technician analyze malfunctioning systems logically.

**A LONG WAY FROM EUCLID**—Constance Reid—Crowell, 292 p., diagrams, \$5. An intelligent reader's guide to modern mathematics.

**MAN AND SCIENCE**—W. Heitler, transl. by Robert Schlapp—Basic Bks., 100 p., \$4.50. A Swiss theoretical physicist's comments on the estrangement from human life of the scientific world picture governed by the two principles, causality and the quantitative principle.

**MARGARET MEAD:** Shaping a New World—Allyn Moss—Encyclopaedia Britannica Press, 191 p., photographs, \$2.95. Biography for young people about a career in anthropology.

**MASERS AND LASERS**—H. Arthur Klein—Lippincott, 184 p., photographs, diagrams by Frank Aloise, \$3.95. Explains for the general reader the physics behind the amplified microwave devices, and their potentialities.

**THE MEAT HANDBOOK**—Albert Levie—Avi Pub. Co., 326 p., illus., \$14.50. Practical information for the food service industry.

**NATURAL HISTORY**—Richard A. Pimentel—Reinhold, 436 p., illus., \$9.75. Attempts to present nature as a whole, integrating field geology, field biology and ecology into a single meaningful study, text adaptable to courses for beginning or for advanced students, each chapter ending with bibliography for further study.

**NERVE, BRAIN AND MEMORY MODELS**—N. Wiener and J. P. Schade, Eds.—Elsevier Pub. Co. (N. Y.), 280 p., illus., \$15. Research papers from a recent multidisciplinary symposium discussing different aspects of a new branch of science: neurocybernetics.

**THE VITAL BALANCE:** The Life Process in Mental Health and Illness—Karl Menninger with Martin Mayman and Paul Prusker—Viking, 531 p., \$10. Describes the nature of the reversal of outlook in psychiatry during the past fifty years and its connection with the work of Sigmund Freud.

• Science News Letter, 84:332 Nov. 23, 1963