

books OF THE WEEK

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ADRENALINE: The Key to Your Behavior—L. B. Hollingsworth, M.D.—Chilton, 1973, 165 p., \$6.50. Discusses areas of human conflict and describes in layman's language the functioning of the adrenal gland, with some suggestions on how to deal with this internal stimulus to aggressive behavior.

ANNUAL REVIEW OF ASTRONOMY AND ASTROPHYSICS, Vol. II—Leo Goldberg, David Layzer and John G. Phillips, Eds.—Annual Reviews, 1973, 435 p., illus., tables, \$12.50. Review articles cover such topics as turbulence and scintillation in the interplanetary plasma, spectral classification, diffuse X and gamma radiation, and interstellar grains.

APPALACHIAN WILDERNESS: The Great Smoky Mountains—Eliot Porter, Edward Abbey and Harry M. Caudill—Ballantine, 1973, 120 p., color plates, drawings, paper, \$4.95. Beautifully reproduced close-ups of woodland views in the changing seasons, with natural and human history of the region, and an epilogue on preservation.

ATLAS OF HAWAII—Department of Geography, University of Hawaii—U Pr of Hawaii, 1973, 222 p., color plates, photographs, maps, drawings, graphs, paper, \$15. Comprehensive reference work, deals with the natural history, demographic characteristics, economy, transport and other aspects of the islands.

BIRD INFIRMARY—Eva Engholm—Taplinger, 1973, 176 p., photographs by Harry Deal, \$6.95. Recounts the adventures of a caretaker of sick and injured birds.

THE BIRTH OF THE CLINIC: An Archaeology of Medical Perception—Michel Foucault, transl. from French by A. M. Sheridan Smith—Pantheon, 1973, 215 p., \$8.95. Original study of the influential role of the clinic, with its opportunity for close observation and exact description of cases, as a forerunner to the great discoveries of the 19th century.

BLACK MESA: The Angel of Death—Suzanne Gordon—John Day, 1973, 113 p., photographs by Alan Copeland, maps, \$8.95; paper, \$4.95. Eloquent testimony of the transformation of Hopi Indian country through the processes of strip mining and power development.

CELESTIAL NAVIGATION STEP BY STEP—Warren Norville—Intl Marine (Assn Pr), 1973, 157 p., diagrams, tables, \$11.95. Comprehensive work, explains the meaning of the terms used in modern navigation, the concepts behind and the practical use of celestial navigation at sea.

DRUGS AND FOODS FROM LITTLE-KNOWN PLANTS: Notes in Harvard University Herbaria—Siri von Reis Altschul—Harvard U Pr, 1973, 366 p., photographs, \$10. Catalogue presents data on some 5000 selected species of angiosperms with previously unpublished botanists' notes, offering a new resource for investigations into the medicinal phytochemistry of many cultures.

DWARF BULBS—Brian Mathew—Arco, 1973, 240 p., color plates, photographs, drawings, \$12.95. Up-to-date guide, covers as many as 700 species, both well-known and uncommon, with emphasis on genera that are hardy in the northern temperate zone.

EDUCATORS GUIDE TO FREE SCIENCE MATERIALS—Mary H. Saterstrom, Ed., with John W. Renner—Educators Progress Service, 1973, 14th ed., 442 p., paper, \$9.25. Multimedia guide, classifies and provides an-

notated listing and sources of 1,024 films, 62 filmstrips, slides, audiotapes, videotapes, charts, posters and other free items.

THE ENCYCLOPEDIA OF MICROSCOPY AND MICROTECHNIQUE—Peter Gray, Ed.—Van Nos Reinhold, 1973, 638 p., photographs, diagrams, \$32.50. Major reference source, covers microscopic instruments and methods applicable in a vast diversity of fields. Arranged in alphabetical order, from *acanthocephala* to *zoom microscopes*, thoroughly indexed.

HORMONES: How They Work—Sarah R. Riedman—Abelard, 1973, rev. ed., 222 p., illus. by Norman Gorbaty, \$5.95. Discusses in simple terms hormones in plants and animals, and modern research with emphasis on the hormones in the human body, their production and importance to physical development and health.

HOW MUSICAL IS MAN?—John Blacking—U of Wash Pr, 1973, 118 p., photographs, musical annotations, \$6.95. Based on extensive field work among the Venda of Africa, professional anthropologist-musicologist explores the essential capacities for musical behavior latent in the body and ready for realization through social life.

HOW TO MAKE AND PLAY THE DULCIMORE—Chet Hines—Stackpole, 1973, 160 p., photographs, drawings, fold-out chart, \$9.95. Handbook for the hobbyist, shows the construction of this instrument of mid-19th-century Appalachia, its tuning and playing, with sample music and pattern guide for assembly.

INDUSTRIAL GASES—Norman Booth—Pergamon, 1973, 114 p., diagrams, tables, paper, \$4.25. Concerned with the production and uses of gases, particularly those produced for wide distribution, but including the halogens. Includes chapter on units of measurement.

MASTER BUILDERS OF THE ANIMAL WORLD—David Hancocks—Har-Row, 1973, 144 p., color plates, photographs, drawings, \$8.95. Fascinating for the general reader, as an architect describes his appreciation of the building abilities of animals, their selection of site, use of materials, improvisations, showing a wide variety of technical virtuosity and structural ingenuity among birds, fish, spiders and ants, parasites and partnerships, snares and decorations.

THE MEDITERRANEAN SEA: A Natural Sedimentation Laboratory—Daniel J. Stanley, Ed., with Gilbert Kelling and Yehezkiel Weiler—Dowden-Hutchinson, 1973, 765 p., photographs, diagrams, maps, \$45. Incorporating data from early echo soundings, to recent deep-sea-drilling information, the volume gives as complete an account as practical of our knowledge of sedimentary processes and the entire geologic history of the Mediterranean region, including discussions of conflicting interpretations of data now in hand.

THE MONOPOLY MAKERS: Ralph Nader's Report on Regulation and Competition—Mark J. Green, Ed.—Grossman, 1973, 415 p., \$8.95. Brings together the evidence and describes the pattern of federal regulations, licensing, subsidies, procurement policies, patent and import restrictions that have frustrated competitive efficiency and promoted monopolistic rigidities advocated by the corporate clientele itself.

MULTIVARIATE ERROR ANALYSIS: A Handbook of Error Propagation and Calculation in Many-Parameter Systems—A. A. Clifford—Wiley, 1973, 112 p., diagrams, \$12.75. Handbook intended for scientists who wish to apply techniques of multivariate error analysis to their own problems.

NEW PRODUCT VENTURE MANAGEMENT—Delmar W. Karger and Robert G. Murdick—Gordon & Breach, 1973, 280 p., diagrams, tables, \$22. Systematic and scientific approach to identifying new product, research and engineering, marketing research and cost evaluation.

OUTLOOK FOR NATURAL GAS: A Quality Fuel—Peter Hepple, Ed.—Wiley, 1973, 268 p., diagrams, tables, \$21.50. Starting with a world review of natural gas sources, the subject matter covered ranges from exploration, production, transportation and processing to the part natural gas will play in the future energy picture.

PICTORIAL GUIDE TO THE PLANETS—Joseph H. Jackson—T Y Crowell, 1973, 2nd ed., 248 p., color plates, photographs, diagrams, maps, tables, \$10. Readable, up-to-date source of information about the solar system, beginning with the earth's position in the universe, its magnetosphere, interplanetary space, moon and planets, and ending with space probes and man in space.

PLATE TECTONICS AND GEOMAGNETIC REVERSALS: Readings—Introductions by Allan Cox, Ed.—W H Freeman, 1973, 702 p., photographs, diagrams, maps, tables, \$17; paper, \$9.95. Set of articles selected to convey to student and reader some of the feeling of involvement and excitement experienced by earth scientists as they contributed to important new ideas.

A PUBLIC CITIZEN'S ACTION MANUAL—Donald K. Ross; introd. by Ralph Nader—Grossman, 1973, 256 p., \$5.95; paper, \$1.95. Designed to help the growth of lasting, imaginative, effective projects and guidelines for citizens to take action to assert their interests in consumer protection, better health care, equal opportunity, taxation and responsive government.

RNA IN THE IMMUNE RESPONSE—Herman Friedman, Ed.—N Y Acad of Sciences, Annals, Vol. 207, 1973, 492 p., photographs, diagrams, tables, paper, \$35. Covers cell cooperation and information signals in immunity, RNA in the *in vitro* immune response, lymphoid RNA in antibody formation, RNA-antigen complexes, RNA in cell-mediated immunity, and RNA extracts in tumor immunity.

REACTS 1973: Proceedings of the Regional Educators Annual Chemistry Teaching Symposium—Kenneth L. Ergolf and others, Eds.—Dept. of Chemistry, U of Md, 1973, 209 p., photographs, drawings, paper, \$3. Articles run from Betty Tomlinson's discussion of reference sources in the chemistry library, to featured address by J. Arthur Campbell on Chemistry and Human Behavior.

THE RESEARCH SYSTEM, Vol. II: Belgium, Netherlands, Norway, Sweden, Switzerland—G. Caty and others—OECD, 1973, 195 p., tables, paper, \$6.75. Comparative survey of the organization and financing of fundamental research in the smaller European countries.

RESOCIALIZATION: An American Experiment—Daniel B. Kennedy and August Kerber—Behavioral Pubns, 1973, 191 p., \$9.95; paper, \$4.95. A study of the failure of various programs aimed at prodding and training illiterate, criminal or chronically unemployed members of the society to meet the behavioral standards traditionally labeled "middle class."

THE SEA AND THE ICE: A Naturalist in Antarctica—Louis J. Halle, introd. by Les Line—HM, 1973, 286 p., photographs, diagrams, maps, \$8.95. Published in cooperation with the Audubon Society, the book takes the reader through the ice-bound world of Antarctica revealing its wealth of specialized forms of life and their extraordinary adaptations to sea and ice.

A TURTLE IS BORN—William White, Jr.—Sterling, 1973, 96 p., 90 photographs by author, drawings, \$3.50. Traces the development from embryo and egg to hatchling, and describes the physiology and characteristics of a variety of turtles and tortoises.

THE VIEW FROM HAWK MOUNTAIN—Michael Harwood—Scribner, 1973, 191 p., drawings by Fred Wetzel, \$6.95. The story of how Hawk Mountain in the Kittatinny Ridge of eastern Pennsylvania changed from a hunters' free-for-all during migration time, to one of the most remarkable bird sanctuaries for the observation of birds of prey.

