

# books OF THE WEEK

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**THE AMERICAN ALMANAC:** The U.S. Book of Facts, Statistics and Information, 1972—The Statistical Abstract of the U.S., Bureau of the Census; introd. by Ben J. Wattenberg—Grosset & Dunlop, 1972, 1008 p., diagrams, tables, \$6.95; paper, \$2.95. Up-to-date summary of statistics on the social, political and economic organization of the United States.

**ANGER**—Leo Madow, M.D.—Scribner, 1972, 132 p., \$6.95. Written in layman's terms by psychiatrist to stimulate the reader to look for hidden anger in himself and learn to channel this ever-present emotion so that it does not accumulate and produce pathological changes.

**AUTO REPAIRS YOU CAN MAKE**—Paul Weissler, Ed.—Arco, 1971, 320 p., photographs, drawings, \$6.95. Tells how to make everyday repairs and adjustments on engine, ignition, fuel system, pollution control devices, cooling system, clutch and transmission, brakes, tires and steering, general electrical servicing, and auto body.

**BIOLOGICAL BASIS OF ALCOHOLISM**—Yedy Israel and Jorge Mardones—Wiley-Interscience, 1971, 453 p., illus., \$19.95. Presents research and analyzes the different approaches and recent findings, beginning at the subcellular levels, and increasing in complexity and level of integration to the organ, the individual and the society.

**CHEMICAL STATISTICS HANDBOOK** (formerly Chemical Facts & Figures), 1971—Manufacturing Chemists Assn., 1971, 7th ed., 487 p., paper, \$3.25. Useful statistics and information relating to synthetic organic chemicals, inorganic chemicals, exports, imports, chemical and allied products industry economic data.

**THE CONTROL OF ENVIRONMENT:** A Discussion at the Nobel Conference, 1966—John D. Roslansky, Ed.—Fleet Academic, 1972, 112 p., \$7.50. Thoughtful lectures about conditions in rural America, the conquest of oceans, prospects of economic abundance, the free spirit in a controlled environment, and the control of energy.

**CRITICAL ASSEMBLIES AND REACTOR RESEARCH**—Loren C. Schmid—Wiley-Interscience, 1971, 381 p., diagrams, \$21.95. Covers both classical and modern experimental techniques, critical reactor research, and the theoretical and experimental background for measurements with operating reactors.

**ECONOMIC ATLAS OF THE SOVIET UNION**—George Kish—Univ. of Mich. Press, 1972, 2nd rev. ed., 90 p., 60 maps, \$12.50. A cartographic presentation of the Soviet economy, provides a detailed picture of Soviet agriculture, mining, industry, transportation and urbanization.

**ECOSYSTEM STRUCTURE AND FUNCTION:** Proceedings of Thirty-First Annual Biology Colloquium—John A. Wiens, Ed.—Ore. State Univ. Press, 1972, 176 p., illus., \$5. Deals with such topics as ecosystem theory in relation to man, nutrient recycling, energy flux, patterns of production in marine ecosystems, and evolution of natural communities.

**ENERGY IN THE WORLD ECONOMY:** A Statistical Review of Trends in Output, Trade and Consumption Since 1925—Joel Darmstadter with P. D. Teitelbaum and J. G. Polach—Johns Hopkins Press, 1972, 876 p.,

diagrams, maps, \$22.50. Deals with quantitative aspects of long-term trends in energy consumption and foreign trade, particularly, with the transformation of the world's fuel base away from coal toward oil and natural gas.

**ESKIMOS**—Kaj Birket-Smith—Crown Pubs., 1972, 278 p., photographs, many in color, drawings, maps, \$17.95. Anthropologist presents in narrative form a sociological study of the Eskimos—those of Labrador, Baffin Land, the Aleutians, Greenland,—their ways of life in the frozen land, their culture and struggle in the hostile environment.

**FOOD, FIBER AND THE ARID LANDS**—William G. McGinnies, Bram J. Goldman and Patricia Paylore, Eds.—Univ. of Ariz. Press, 1971, 437 p., illus., maps, tables, \$24. Reports on specific projects in search of greater productivity and resource development in support of cultural and social aspects of arid lands, including the latest technological advances in a wide spectrum of scientific developments.

**FRENCH NUCLEAR DIPLOMACY**—Wilfrid L. Kohl—Princeton Univ. Press, 1972, 412 p., \$12.50. A study of the French nuclear force, its origins under the Fourth Republic, and the policy shifts which guided its development under General de Gaulle. Emphasis is on exploring the interrelationship between French nuclear armament and French foreign policy.

**HISTOPLASMOSIS:** Proceedings of the Second National Conference—Liberio Ajello, Ernest W. Chick and Michael L. Furcolow, Eds.—Thomas, C. C., 1971, 516 p., illus., \$34. A sourcebook covering the most recent laboratory, clinical, public health, and therapeutic findings on this fungus disease.

**LAROUSSE SCIENCE OF LIFE:** A Study of Biology, Genetics, Heredity and Evolution—Jean Rostand and Andree Tetry, trans. from French—Hamlin (Tudor Pub. Co.), 1972, 475 p., 900 illus., \$15. A well organized discussion of normal and abnormal developments in living organisms, from study of the living cell to grafting, from genetics and mutations to species, and theories of evolution.

**LEARNING OF AGGRESSION IN CHILDREN**—Leonard D. Eron, Leopold O. Walder and Monroe M. Lefkowitz—Little, Brown, 1971, 311 p., tables, \$9.95. Based on an extensive survey of children in New York state, this empirical study makes explicit those features of the school and home environment of children that instigate, support and maintain aggressive behavior.

**LIGHT AND LIVING MATTER:** A Guide to the Study of Photobiology, Vol. 2: The Biological Part—Roderick K. Clayton—McGraw-Hill, 243 p., illus., \$5.95. Emphasizes basic problems and lines of investigation. Topics covered include photosynthesis, phototaxis and phototropism, vision, the regulation of physiological activities by light, damaging effects of light, and bioluminescence.

**THE MEDITERRANEAN:** Cradle of Western Culture—Richard Carrington—Viking Press, 1971, 287 p., color plates, photographs, maps, \$16.95. Describes the physical characteristics of the region, its islands, volcanoes, and climate, shows the important archeological sites, and describes the fauna and flora of the coastal areas.

**MINERAL NUTRITION OF PLANTS:** Principles and Perspectives—Emanuel Epstein—Wiley, 1972, 412 p., illus., \$10.95. Text and reference work, treats the elements of plant nutrition in their entirety, deals thoroughly with transport, aspects of energetics and the metabolism of individual elements, and discusses heredity and environment in plant nutrition.

**NOT FROM THE APES**—Björn Kurtén—Pantheon Bks., 1972, 183 p., illus., \$5.95. Finnish paleontologist presents his interpretations of the evolutionary process in reviewing the fossil evidence which now makes it

likely that the family of man has been distinct from apes and monkeys for at least 35 million years.

**ORGANISM AND ENVIRONMENT:** A Manual of Quantitative Ecology—Rezneat M. Darnell—Freeman, 1971, 300 p., illus., paper, \$5.75. Emphasis is on interpretation of data. In each experiment, a descriptive introduction and a series of questions direct the student toward using experimental data in interpreting a specific ecological principle.

**PHYSIOLOGY OF THE FETUS:** Relation to Brain Damage in the Perinatal Period—William F. Windle—Thomas, C. C., 1971, 160 p., illus., \$10.50. A concise survey of up-to-date findings in this field, with chronological bibliography.

**SCHOOLS AND INEQUALITY**—James W. Guthrie and others, foreword by John W. Gardner—MIT Press, 1971, 253 p., tables, \$10. A thorough analysis of the social and economic forces that influence schools, and the influence they in turn have upon their students. Studies the linkages between socioeconomic status and school services, school services and pupil achievement, pupil achievement and preschool opportunity.

**SCIENCE IN LIBERAL ARTS COLLEGES:** A Longitudinal Study of 49 Selective Colleges—W. Rodman Snelling and Robert F. Boruch—Columbia Univ. Press, 1972, 285 p., tables, \$8.50. Study examines intensively a well-defined sample of relatively high-quality institutions, probing for the factors which seemed to have some influence on productivity in the sciences.

**TEACHING PHYSICS:** An Insoluble Task?—Sanborn C. Brown, F. J. Kedves and E. J. Wenham, Eds.—MIT Press, 1971, 261 p., \$10. Proceedings of the International Congress on the Education of Teachers of Physics in Secondary Schools, held in Hungary, 1970. Topics range from response to modern society to curriculum innovation, and procurement of low-cost equipment.

**WIRING THE WORLD:** The Explosion in Communications—Bks. by U.S. News & World Report, 1971, 207 p., photographs, illus., maps, tables, paper, \$2.95. Informs about the basic elements of advances in cable TV (CATV), video-cassettes, picture telephone, and pay TV.

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