

# books OF THE WEEK

**ANNUAL REVIEW OF GENETICS, Vol. 4**—Herschel L. Roman, Ed.—Annual Reviews, 1970, 523 p., illus., \$10. Contributions cover topics ranging from human genetics, informational suppression, and bacterial transformation to chromosome structure, fungal genetics, and mechanics of meiotic drive.

**ASPECTS OF PREHISTORY**—Grahame Clark—Univ. of Calif. Press, 1970, 161 p., plates, drawings, maps, \$5.95. Prehistorian presents human culture as the product of evolution, shows how the record of archeology over the last few tens of thousands of generations testifies to an increasingly human pattern of behavior.

**CHILDREN AND SCIENCE**—Lazer Goldberg—Scribner, 1970, 146 p., \$6.95. Practical suggestions for creating conditions in which children feel free to follow their own curiosity and independent intelligence to investigate and learn about the world around them.

**THE COMING CRISIS OF WESTERN SOCIOLOGY**—Alvin W. Gouldner—Basic Bks., 1970, 528 p., \$12.50. A critical investigation of the intellectual traditions that now dominate sociology in the United States and Western Europe, an analysis of the Marxist sociological tradition, and a discussion of new theories and sociological research.

**THE CRISIS OF SURVIVAL**—The Editors of THE PROGRESSIVE and Scott, Foresman College Division, introd. by Eugene P. Odum and Benjamin DeMott—Morrow, 1970, 261 p., \$6.95. Articles concerned with the environmental crisis, discuss creative alternatives designed to protect the quality of the human environment.

**DICTIONARY OF TELECOMMUNICATIONS**—R. A. Bones—Philosophical Lib., 1970, 200 p., diagrams, \$15. Concise explanations of telecommunication terms in use, from Aberration to Zoom lens, also includes 12 appendixes of useful tabulations.

**DIET AND THE PERIODONTAL PATIENT**—James W. Clark and others, foreword by Sumter S. Arnim—Thomas, C. C., 1970, 378 p., photographs, diagrams, \$19.50. Text concerned with the common problems of the American diet, the causes of malnutrition, and nutrition in relation to periodontal disease, with methods of diagnosis and treatment, and suggestions for optimal diet and food selection.

**INGENIOUS KINGDOM: The Remarkable World of Plants**—Henry and Rebecca Northern—Prentice-Hall, 1970, 274 p., photographs, illus. by Stanley Wyatt, \$8.95. An in-depth treatment of botany for the general reader, gives insight into plant geography, evolutionary development, ecology, the biochemistry of plants and their built-in responses to stimuli.

**THE INVISIBLE PYRAMID**—Loren Eiseley—Scribner, 1970, 173 p., woodcuts by Walter Ferro, \$6.95. Anthropologist-naturalist philosophizes in handsome prose about the nature of the natural world, urban man, science and the civilization shaped by it.

**KINETIC ARCHITECTURE**—William Zuk and Roger H. Clark—Van Nostrand Reinhold, 1970, 164 p., photographs, drawings, \$14.95. Explores new ways of designing fluid, expanding, contracting and movable forms intended to be adaptable to changing pressures.

**THE LUNAR ROCKS**—Brian Mason and William G. Melson—Wiley-Interscience, 1970, 179 p., 40 photographs, diagrams, \$8.95. Describes concisely and comprehensively, in terms of mineralogy, chemistry and structure, the rock samples collected on the moon by the Apollo missions. Includes table giving lunar elemental abundances and comparing them with meteoritic and terrestrial.

**NEVER IN ANGER: A Portrait of an Eskimo Family**—Jean L. Briggs—Harvard Univ. Press, 1970, 379 p., photographs, maps, \$15.25. Based on a seventeen-month anthropological field study among the Utkuhikhalingmiut, a small group of Eskimos living self-sufficiently in remote river country northwest of Hudson Bay.

**PERCEPTION AND CHANGE: Projections for Survival**—John Platt—Univ. of Mich. Press, 1970, 178 p., \$7.95. Essays by biophysicist consider such aspects of science as its diversity, overstudy in some fields and lack of experimenting in others; the subjective and objective ways of perception; the limits of reductionism; and the shaping of the evolutionary future.

**THE SHARK: Splendid Savage of the Sea**—Jacques Yves Cousteau and Philippe Cousteau—Doubleday, 1970, 277 p., 124 color photographs, drawings, maps, \$7.95. An extraordinary account of studying shark habits in the Red Sea and Indian Ocean with specially designed diving equipment monitored from aboard the Calypso. The absorbing narrative brims with detailed information and observations, letting the fascinated reader participate in this adventure of scientific pursuit, method and technique, thoughtful organization and daring men.

**SOVIET ROCKETRY: Past, Present and Future**—Michael Stoiko—Holt, 1970, 272 p., photographs, illus., tables, \$7.95. Provides a full description of the record of Soviet space activity, their rocket boosters, spacecraft, cosmonauts, with projections into the future. Full chronology and comparative tables included.

**TOTAL ENERGY**—R. M. E. Diamant—Pergamon Press, 1970, 429 p., plates, diagrams, \$12. Gives a comprehensive account of the methods available for production of power by small-scale equipment, and the utilization of waste-heat produced. Deals also with district heating practice in Europe, and total energy schemes in North America.

**THE TYRANNY OF NOISE**—Robert Alex Baron—St. Martin's Press, 1970, 294 p., \$7.50. Amusingly written though grim commentary of a New York citizen's annoyance with the many sources of noise and the potential for noise control.

**ULTRASTRUCTURE OF BACTERIAL VIRUSES**—Anna S. Tikhonenko, transl. from Russian by Basil Haigh—Plenum Press, 1970, 294 p., 142 illus., \$19.50. A study of the macromolecular structure of phages and of their development in the bacterial cell.

**VIOLENCE AND THE BRAIN**—Vernon H. Mark, M.D. and Frank R. Ervin, M.D.—Harper Medical Dept., 1970, 170 p., illus., \$6.95. Both specialists in treating violent patients, the authors deal with such topics as man's emotional brain, relation of brain function to rage, anger and fear, acquired brain disease and violence, surgery, brain triggers, and the dyscontrol syndrome.

**WILD DEER IN BRITAIN**—Roy A. Harris and K. R. Duff—Taplinger, 1970, 112 p., photographs, \$8.95. Generously illustrated study of six species of deer now living in Britain and thriving in its redwooded areas.

**THE WORLD BIENNIAL OF PSYCHIATRY AND PSYCHOTHERAPY, Vol. I, 1971**—Silvano Arieti, Ed.—Basic Bks., 1970, 635 p., illus., \$20. Presents latest developments and the most valuable contributions made in psychiatric theory, clinical studies, childhood and youth, and biological studies in psychiatry.

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