

books OF THE WEEK

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ANALYZER OF MEDICAL/BIOLOGICAL WORDS: A Clarifying Dissection of Medical Terminology, Showing How It Works, for Medics, Paramedics, Students and Visitors from Foreign Countries—J. E. Schmidt, M.D.—C C Thomas, 1973, 216 p., \$6.95. Arranged alphabetically on the basis of roots, stems and other combining forms, each entry defined, including examples of usage.

ANNUAL REVIEW OF BEHAVIOR THERAPY AND PRACTICE, 1973—Cyril M. Franks and G. Terence Wilson—Brunner/Mazel, 1973, 817 p., diagrams, tables, \$25. New source seeks to provide an integrated distillation from the vast literature, with appropriate commentaries placing the many developments in perspective.

ART AND THE FUTURE: A History/Prophecy of the Collaboration Between Science, Technology and Art—Douglas Davis—Praeger, 1973, 208 p., 44 color plates, 250 photographs, \$20. Defines and places in critical context dozens of movements, discussing hundreds of works, from futurism, light-kinetic sculpture, and happenings to sky art, computer film, and conceptual art.

ATLAS OF CHINA—Chiao-min Hsieh; Christopher L. Salter, Ed.—McGraw, 1973, 282 p., 273 maps, \$14.95. Presents the physical environment of mainland China, its cultural and especially economic geography, shows regional characteristics, and concludes with chronological description and maps of the dynasties.

BINARY AND MULTIPLE SYSTEMS OF STARS—Alan H. Batten—Pergamon, 1973, 278 p., plates, diagrams, \$12. Monograph presents critical review of recent research into the subject, and examines the theory which suggests that stellar formation and the distribution of different kinds of stars are directly influenced by the disturbed evolution of binary components.

THE BIOLOGICAL EFFICIENCY OF PROTEIN PRODUCTION—J. G. W. Jones, Ed.—Cambridge U Pr, 1973, 385 p., diagrams, tables, \$21. Symposium proceedings consider the relative biological efficiency of alternative methods of protein production, by both animals and plants, at the level of tissue, individual and population, in environments ranging from terrestrial to aquatic.

CELL DIFFERENTIATION—J. M. Ashworth—Chapman & Hall (Halsted Pr), 1973, 64 p., diagrams, paper, \$2.75. Outline concentrates on the biochemical and molecular aspects, examines current theories critically, and identifies both conceptual and experimental problems in this area of science.

THE CHILD IN HIS FAMILY: The Impact of Disease and Death—E. James Anthony, M.D., and Cyrille Koupernik, M.D., Eds.—Wiley, 1973, 509 p., \$15.95. Brings together for clinicians original material on the psychological, social and cultural adjustments to disease and death in case studies from U.S.A., France, Israel, Holland, Canada, Senegal and Nigeria.

CHILDHOOD LEARNING, BEHAVIOR AND THE FAMILY—Louise C. Taichert, M.D.—Behavioral Pubns, 1973, 112 p., \$7.95. Describes a combination of neurodevelopmental-family approach to child therapy, a system based on the need to understand the relationship between the child's ability to learn and develop language function and his dynamic interaction within his own family system.

THE COCCIDIA: *Eimeria*, *Isospora*, *Toxoplasma*, and Related Genera—Datus M. Hammond, Ed., with Peter L. Long—Univ. Park, 1973, 482 p., photographs, diagrams, tables, \$24.50. Comprehensive reference; detailed articles deal with history and taxonomy, host and site specificity, life cycles and development, fine structure, cytochemistry, immunity, and research techniques.

CONCISE GUIDE TO BIOMEDICAL POLYMERS: Their Design, Fabrication and Molding—John W. Boretos—C C Thomas, 1973, 179 p., photographs, diagrams, tables, \$14.75. Describes those rubbers and plastics found most suitable for use within the body, significant implant design specifications, and detailed methods for molding and fabricating.

DICTIONARY OF SCIENTIFIC BIOGRAPHY, Vol. VII: Iamblichus to Karl Landsteiner—Charles Coulston Gillispie, Ed.-in-Chief—Scribner, 1973, 625 p., \$35. Edited under the auspices of the American Council of Learned Societies, the articles deal with the principal mathematicians and natural scientists of all regions and all historical periods.

ENERGY AND THE FUTURE—Allen L. Hammond, William D. Metz and Thomas H. Maugh II—AAAS, 1973, 184 p., diagrams, \$7.95; paper, \$3.95. Presents an assessment of the technologies and research developments that will be the basis for future energy policies.

FORCED MOVEMENTS, TROPISMS AND ANIMAL CONDUCT—Jacques Loeb; new introd. by Jerry Hirsch—Dover, 1973, 209 p., 42 illus., tables, paper, \$3. Reprint (1918), represents a summation of the experimental results of Loeb's work, increasingly regarded as fundamental in early behaviorism.

FUNCTIONS OF BIOLOGICAL MEMBRANES—M. Davies—Chapman & Hall (Halsted Pr), 1973, 622 p., diagrams, paper, \$2.75. This guide to the fundamental concepts of membrane function considers the subject in four different ways—physicochemical, physiological, conceptual and mechanistic.

INSECT/PLANT RELATIONSHIPS—H. F. van Emden, Ed.—Wiley, 1973, 215 p., plates, diagrams, tables, \$19.75. Collection of review papers discussing insect/plant relationships from the viewpoints of both botanists and entomologists representing taxonomy, physiology, ecology, behavior, palaeontology, and agricultural entomology.

MOTIVATION OF HUMAN AND ANIMAL BEHAVIOR: An Ethological View—Konrad Lorenz and Paul Leyhausen, transl. from German by B. A. Tonkin—Van Nos Reinhold, 1973, 423 p., illus., \$15.95. Contains 11 papers devoted to qualitative analyses of prey-catching behavior in various species of cats, expressive mechanisms and prelingual communication, density tolerance, fear and aggression.

NONRELATIVISTIC MECHANICS—Robert J. Finkelstein—W A Benjamin, 1973, 394 p., \$17.50; paper, \$9.50. Monograph offers a compact and lucid exposition of the basic structure of both classical and quantum mechanics in their nonrelativistic version.

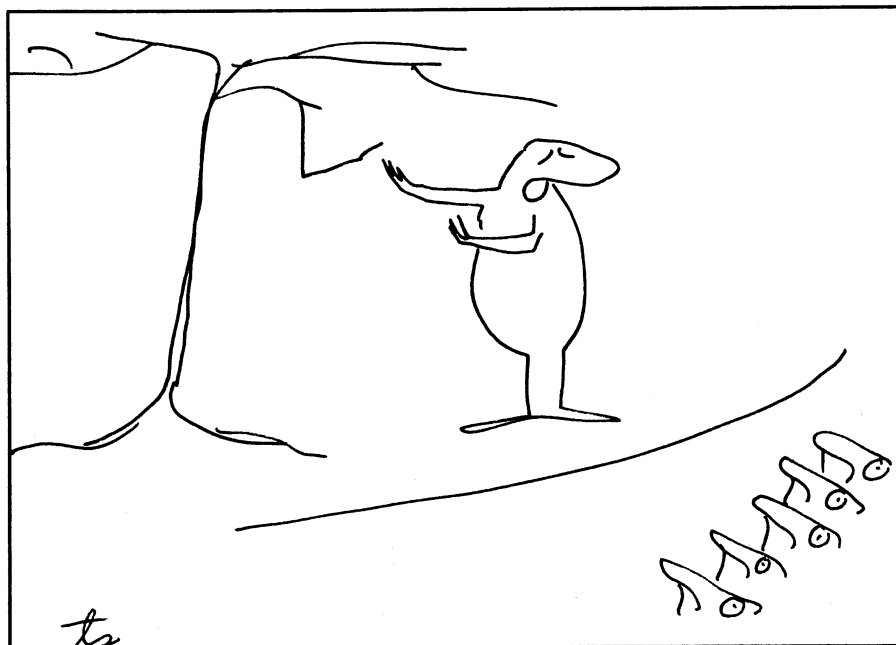
POPULATION: Perspective, 1972—Harrison Brown and Alan Swezey, Eds.—Freeman-Cooper, 1973, 239 p., illus., maps, paper, \$5.95. Considers the effect of population pressures in areas ranging from China, Malaysia, Venezuela to the Ivory Coast, Europe and Japan.

SOCIAL SCIENCES AS SORCERY—Stanislav Andreski—St Martin, 1973, 238 p., \$7.95. A critical tract dealing with the obscurities in much of social science writing, abstruse explanations, jargon, hiding behind methodology, and other undesirable phenomena interfering with intellectual progress.

STRUCTURE AND PROPERTIES OF POLYMERS—Herman V. Boenig—Thieme Pubs (Wiley), 1973, 283 p., diagrams, \$19.50. Provides comprehensive treatment of the science that relates structure to polymer properties, pointing out general trends in the effect of structural components on a variety of properties.

TECHNOLOGY, MAN AND THE ENVIRONMENT—David Hamilton—Scribner, 1973, 357 p., plates, diagrams, \$9.95. Concerned with modern man's unprecedented control of his environment and the resulting responsibilities. Discusses in turn each major aspect of technology and its effect on people.

WORKING WITH NATURE: A Practical Guide—John W. Brainerd—Oxford U Pr, 1973, 517 p., photographs, drawings, \$15. A manual for layman and professional, provides broad guidelines and specific instructions for the conservation of land areas to help the reader work with the complexities of nature and her various ecosystems.



Tony Saltzman

"The award for superior achievement in Botany goes to Dr. Winslow. Accepting for Dr. Winslow . . ."