

Books of the Week

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THE ANALYSIS OF SILICATES—I. A. Voinovitch, J. Debras-Guedon and J. Louvrier; transl. from French—IPST (Davey, Daniel), 381 p., diagrams, \$24. Critical survey of the instrumental methods for the analysis of silicates and oxides, with working procedures arranged alphabetically in the order of the elements.

ANNUAL REVIEWS OF PHARMACOLOGY, Vol. 7—Henry W. Elliott, Ed.—Annual Reviews, 465 p., illus., \$8.50. Articles deal with such topics as drug absorption and excretion, parasite chemotherapy, histochemistry of nervous tissue, aflatoxins, and antifertility agents.

BIOSYNTHESIS OF SMALL MOLECULES—Georges N. Cohen—Harper, 108 p., illus., paper, \$5.95. Restricted to the description of the biosynthesis of amino acids, purine and pyrimidine nucleotides, fatty acids and polysaccharides.

BIRDS OF AUSTRALIA—Abram Rutgers—Methuen (Barnes & Noble), 321 p., 160 color plates by John Gould, \$15. Text incorporates the new findings since Gould's day (1804-1881).

CELLULAR BIOLOGY OF THE UTERUS—Ralph M. Wynn, Ed.—Appleton, 524 p., illus., \$22.50. Presents a synthesis of scientific studies of the uterus itself, dealing with humans and other mammalian species, the volume correlates the most recent information derived from ultrastructural and biochemical cytology.

COMPLETE SCIENCE COURSE FOR YOUNG EXPERIMENTERS—Muriel Mandell and others—Sterling Pub. Co., 416 p., illus., \$3.95. More than 300 experiments with explanations, for young boys and girls.

A COMPREHENSIBLE WORLD: On Modern Science and Its Origins—Jeremy Bernstein—Random House, 269 p., \$5.95. Discusses in an informal, nontechnical style, the new scientific view of the world—from neutrinos to cosmology, as experienced through actual work in physics.

THE COMPUTER AND INVASION OF PRIVACY—Committee on Government Operations, U.S. Congress—Arno Press, 311 p., \$4.95. Essentially a reprint of the hearings on the proposal for a National Data Center.

THE CONNOISSEUR'S GUIDE TO JAPANESE MUSEUMS—Laurance P. Roberts, foreword by Laurence Sickman—Tuttle, 239 p., plates, \$5. Describes in some detail 208 museums and their collections.

THE CORRECTIONAL COMMUNITY: An Introduction and Guide—Norman Fenton, Ernest G. Reimer and Harry A. Wilmer; foreword by Richard A. McGee—Univ. of Calif. Press, 119 p., paper, \$2.25. Attempts to describe the use of peer group methods in the resocialization of inmates of correctional institutions.

CRIMES AND CRIMINALS—Walter A. Lunden—Iowa State Univ. Press, 341 p., diagrams, \$6.50. Brings together in usable form concise criminal statistics culled from the official sources of cities, states and nations; the data cover the extent of crime, characteristics of criminals, arrests, judicial procedures and material relating to the imprisonment of offenders.

DELINQUENCY CAN BE STOPPED—Judge Lester H. Loble and Max Wylie—McGraw-Hill, 148 p., photograph, \$4.95. Gives the point of view and tells of the experience of the Montana Judge who believes in public trial for juveniles.

THE DEPTH OF COLD—A. R. Meetham—Barnes & Noble, 173 p., illus., \$4.75. An introduction to low temperatures as they affect life, the use of low temperatures in industry, medicine and research, and absolute zero.

DESIGN FOR A BRAIN: The Origin of Adaptive Behaviour—W. Ross Ashby—Chapman & Hall (Barnes & Noble), 286 p., diagrams, \$7.50; paper, \$2.85. Dealing entirely with concepts stated in mathematical form, the author attempts to deduce from observed facts what sort of a mechanism the brain must be that it behaves so differently from any machine made so far.

THE ECONOMICS OF AGE—Michael J. Brennan, Philip Taft and Mark B. Schupack—Norton, 246 p., \$7.50. Systematic study of the economic forces determining income and employment at different age levels, age and economic mobility, migration, explanatory variables and empirical results.

THE EMPTY ARK—Philip Kingsland Crowe—Scribner, 301 p., 52 plates, maps, \$7.50. An account of three extensive journeys on behalf of the World Wildlife Fund, checking up on the known numbers of rare species, law enforcement for their protection and other conservation concerns, from East Africa to the Falkland Islands, from Tahiti to Outer Mongolia.

ENERGY CHANGES IN BIOCHEMICAL REACTIONS—Irving M. Klotz—Academic Press, 108 p., diagrams, \$5.95. Outlines some of the principles of classical and of molecular-statistical energetics, delineates the axioms of each of these branches and shows how some of the theorems may be developed from the axioms.

ERWIN SCHRODINGER: An Introduction to His Writings—William T. Scott—Univ. of Mass. Press, 175 p., \$6.50. A comprehensive study of the theoretical physicist's scientific and philosophical writings.

EVOLUTION AND HUMAN BEHAVIOR—Alexander Alland, Jr.—Natural History Press, 343 p., diagrams, \$5.95; paper, \$1.45. An introduction for the general reader to the study of physical anthropology, includes a wide range of material, from biochemical genetics to the biological bases of human behavior.

EVOLUTION OF THE FOREBRAIN: Phylogenesis and Ontogenesis of the Forebrain—R. Hassler and H. Stephan, Eds.—Plenum Press, 464 p., illus., \$28. Presents lectures delivered at

the 1965 international symposium in Germany where 86 specialists from 17 countries reported on their research and findings in the field of brain development.

EXTRATERRESTRIAL CIVILIZATIONS—G. M. Tovmasyan, Ed., transl. from Russian—IPST (CFSTI), 99 p., illus., paper, \$4. Proceedings of the First All-Union Conference on Extraterrestrial Civilizations and Interstellar Communication, held at Byuraka, Armenian SSR, 1964.

THE FIVE SACRED FESTIVALS OF ANCIENT JAPAN: Their Symbolism & Historical Development—U. A. Casal—Tuttle, 114 p., illus., \$6. Explains the origins and ceremonies of the New Year, Girls, Boys, Star and Chrysanthemum Festivals.

536 PUZZLES & CURIOUS PROBLEMS—Henry Ernest Dudeney, ed. by Martin Gardner—Scribner, 428 p., illus., \$7.95. Contains the best from the output of England's most famous mathematical puzzle maker, classified in such a way that the reader can select his preferred type, from topological problems to match puzzles.

A FORTUNATE MAN: The Story of a Country Doctor—John Berger—Holt, 157 p., photographs by Jean Mohr, \$5.95. This book portrays in word and picture an English country doctor's contributions to the community he serves.

GAMBLING WITH TRUTH: An Essay on Induction and the Aims of Science—Isaac Levi—Knopf, 250 p., \$7.95. Discusses the problem of rational belief, developing the subject on the pattern of Bayesian decision theory.

THE GENUS PINUS—N. T. Mirov—Ronald Press, 602 p., illus., maps, \$16. Worldwide reference work, covers history, origins, development, distribution, taxonomy, chemical composition and physiological processes of more than 100 species of pines.

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