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ADVANCES IN MAGNETIC RECORDING

—Dennis E. Speliotis and Clark E. Johnson, Jr., Eds.—N.Y. Acad. of Sciences, Annals, Vol. 189, 1972, 310 p., photographs, diagrams, paper, \$24. Conference papers and discussion comprise theory, materials, transducers and unconventional recording systems.

ADVANCES IN PSYCHOBIOLOGY, Vol. I

—Grant Newton and Austin H. Riesen, Eds.—Wiley-Interscience, 1972, 302 p., illus., \$16.50. Gives an overview of selected areas of current research, from experimental work on musculoskeletal activity and rate of entropy in mammals, to investigations of psychobiological mechanisms in language development.

THE ANESTHESIOLOGISTS HANDBOOK

—Donald G. Catron—Univ. Park Press, 1972, 153 p., diagrams, paper, \$7.50. Collection of reference material in concise pocket manual contains essential information on dosages, tests, charts and tables, basic data and procedures; intended for busy clinical practitioners and students of anesthesiology.

ANIMALS IN THE SERVICE OF MAN—

Edward Hyams—Lippincott, 1972, 209 p., 42 plates, \$6.95. The story of how man proceeded from prehistory to domesticate and improve species by submitting himself to their service and in turn reaped the vast benefits of their service to him.

APPLICATIONS OF LOW ENERGY X- AND GAMMA RAYS—

Charles A. Ziegler, Ed.—Gordon & Breach, 1972, 467 p., photographs, diagrams, \$29.50. General theme of symposium papers is the application of radioisotope-excited X-ray fluorescence analysis (XRF) to studies in industrial, geological and biomedical fields of research.

ASSESSMENT OF AIRBORNE PARTICLES:

Fundamentals, Applications and Implications to Inhalation Toxicity—Thomas T. Mercer, Paul E. Morrow and Werner Stöber, Eds.—Thomas, C. C., 1972, 540 p., photographs, diagrams, \$32.75. Conference papers on such topics as turbulence and dynamics, particle size and growth, aerosol production and measurement, shape factors, disposition of inhaled aerosols, and evaluation of hazards.

BASIC ELECTRON MICROSCOPY TECHNIQUES—

M. A. Hayat—Van Nostrand, 1972, 119 p., \$9.95. Provides step-by-step procedures in preparing biological specimens, and describes a wide variety of the newer methods in fixation, embedding, sectioning, staining, and in tissue storage.

BIOCHEMICAL APPLICATIONS OF MASS SPECTROMETRY—

George R. Waller, Ed.—Wiley-Interscience, 1972, 872 p., illus., \$49.95. Comprehensive, up-to-date treatment of the areas of biochemical knowledge enhanced by mass spectrometry, designed for the use of the advanced student and professional worker in the biochemical, chemical, biological, agricultural and biomedical sciences.

CATALYSIS IN CHEMISTRY—

A. J. B. Robertson—Methuen (Barnes & Noble), 1972, 56 p., diagrams, paper, \$2.75. Simple introduction to the field of catalysis with special reference to solid catalysts and heterogeneous catalysis. Includes suggestions for simple experiments.

CAVE DWELLERS AND CITRUS GROWERS:

A Jewish Community in Libya and Israel—Harvey E. Goldberg—Cambridge Univ. Press, 1972, 208 p., photographs, drawings,

tables, \$14.50. An ideographic account of a particular group of Middle Eastern immigrants in Israel, a community of Gharian Jews "transplanted" from their village south of Tripoli.

THE CLINICAL SIGNIFICANCE OF THE ESSENTIAL BIOLOGICAL METALS—

I. J. T. Davies—Thomas, C. C., 1972, 126 p., tables, \$9.75. Clinician reviews the current knowledge of the six trace metals essential to man—zinc, copper, manganese, molybdenum, chromium and cobalt, their importance in enzyme structure and function, as well as their relationship to various diseases and potential therapeutic uses.

A CONSUMER'S DICTIONARY OF FOOD ADDITIVES—

Ruth Winter—Crown Pubs., 1972, 235 p., \$5.95. Alphabetical listing describes in simple terms those substances added to food during production, processing, storage or packaging. Tells what they are, what they are used for, their safety, toxicity, FDA and GRAS ratings.

THE DEPENDABILITY OF BEHAVIORAL MEASUREMENTS: Theory of Generalizability for Scores and Profiles—

Lee J. Cronbach and others—Wiley, 1972, 410 p., diagrams, \$12.95. Monograph presents new theory for evaluating data and scores derived from field observation. Contains concrete examples and exercises.

A DICTIONARY OF SCIENTIFIC UNITS:

Including Dimensionless Numbers and Scales—H. G. Jerrard and D. B. McNeill—Chapman (Barnes & Noble), 1972, 3rd ed., 212 p., tables, \$8.50; paper, \$4.25. Alphabetical listing gives definitions, historical details and, where possible, an indication of magnitudes. New edition devotes special attention to S. I. units.

HISTORY IN THE TEACHING OF PHYSICS:

Proceedings of the International Working Seminar on The Role of the History of Physics in Physics Education—Stephen G. Brush and Allen L. King, Eds.—Univ. Press of New England, 1972, 116 p., \$4. Presents papers, discussions, reports and recommendations of the seminar.

HYPNOSIS: Is It for You?—

Lewis R. Wolberg, M.D.—Harcourt, 1972, 299 p., \$9.95. Attempts to give a balanced account of the merits and limitations of hypnotherapy, discusses the nature of hypnosis, its induction, how it works, and its function in the control of symptoms.

LSD: Personality and Experience—

Harriet Linton Barr, Robert J. Langs and others—Wiley-Interscience, 1972, 247 p., \$10. Research study examines the nature of altered states of consciousness, how they affect personality function, what personality factors give rise to dangerous reactions, and the role of LSD in the study of human behavior.

THE MECHANICAL PROPERTIES OF MATERIALS—

Roy A. Farrar—Methuen (Barnes & Noble), 1972, 56 p., illus., paper, \$3. Explains how certain materials such as polymers, ceramic and metals behave under stress, and shows the relationship between observed mechanical properties and the microstructural and atomic changes that occur.

MERCURY IN THE ENVIRONMENT: An

Epidemiological and Toxicological Appraisal—Lars Friberg and Jaroslav Vostal, Eds.—CRC Press, 1972, 215 p., diagrams, tables, \$32.50. This review focuses on aspects of special importance for understanding the toxic action of mercury and on quantitative information in regard to the relation between dose (exposure to mercury) and effects on human beings and animals.

MICRONUTRIENTS IN AGRICULTURE:

Proceedings of 1971 Symposium—J. J. Mortvedt, Chmn., Richard D. Dinauer, Mg. Ed.—Soil Science Society of America, 1972, 666 p., illus., \$12.50. Pools current knowledge about micronutrients in plants and soils at molecular

levels, the practices and concepts for detecting microelement deficiencies, how to interpret interacting variables, and supply required nutrients to plants.

THE MIND GAME: Witchdoctors and Psychiatrists—

E. Fuller Torrey, M.D.—Emerson Hall Pubs., 1972, 236 p., \$7.95. Analyzes and pinpoints the universal components of psychotherapy, examines how they operate in specific and diverse cultures, and draws some thoughtful conclusions supporting experimental and innovative approaches to the recruitment, training and accreditation of psychotherapists in all cultures. Fully annotated, includes bibliography.

OUR AIR: UNFIT FOR TREES—

Leon S. Dochinger—Northeastern Forest Experiment Station, 1972, 24 p., illus., paper, request direct from publisher, Upper Darby, Pa. 19082. Designed to help tree owners know about air pollution's effects on trees, booklet provides lists of known tolerance of both hardwoods and softwoods to specific airborne pollutants.

PHARMACOLOGY AND THE SKIN: Proceedings of a Symposium on the Biology of

Skin, 1969—William Montagna, Eugene J. Van Scott and Richard B. Stoughton, Eds.—Appleton-Century-Crofts, 1972, 562 p., photographs, diagrams, tables, \$30. Mainly concerned with the epidermis, specifically the horny layer, which is at once a protective coat and a semipermeable membrane that allows certain substances to pass through and screens out others.

THE PILLS IN YOUR LIFE—

Michael Halberstam, M.D.—Grosset, 1972, 200 p., \$6.95. Physician discusses and analyzes some 200 of the drugs doctors most frequently prescribe to relieve pain, provide sleep, tranquilize or increase energy, and fight infection.

PLANTS IN THE SERVICE OF MAN:

10,000 Years of Domestication—Edward Hyams—Lippincott, 1972, 222 p., 33 plates, maps, \$6.95. Tells how man from prehistoric times on, has domesticated food plants—the noble grasses, wine-vines, fruits, cabbages, stimulants, spices and fiber plants, and why and where the work was undertaken.

SCIENCE AND SOCIETY, 1600-1900—

Peter Mathias, Ed.—Cambridge Univ. Press, 1972, 166 p., plates, \$10.50. Investigates the impact of scientific knowledge upon its wider historical context, from exploring the motivations of 17th century scientists to reviewing the reluctant commitment of Victorian England to scientific endeavor.

WHEN A GREAT TRADITION MODERNIZES:

An Anthropological Approach to Indian Civilization—Milton Singer, foreword by M. N. Srinivas—Praeger, 1972, 430 p., photographs, \$15. A study of contemporary Hinduism, shows the adaptive strategies of Indian culture in the past, and applies anthropological perspective to field research into the process of modernization of a traditional civilization.

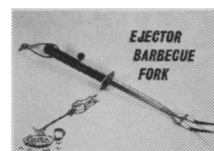
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