

books OF THE WEEK

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ANCIENT AUSTRALIA: The Story of its Past Geography and Life—Charles Laseron, rev. by Rudolph Oskar Brunnschweiler—Taplinger, 1969, 2nd ed., 253 p., 38 plates, maps, charts, \$14.95. Brought up to date, extensively rewritten with new chapters, the book provides a graphic picture of the paleontology and geology of Australia.

ANNUAL REVIEW OF ASTRONOMY AND ASTROPHYSICS, Vol. 7—Leo Goldberg, David Layzer and John G. Phillips, Eds.—Annual Reviews, 1969, 717 p., illus., \$8.50. Contributions range from cosmic rays in the galaxy, and evolution of diffuse nebulae to radar studies of planetary surfaces, and infrared spectra of stars.

AT YOUR OWN RISK: The Case against Chiropractic—Ralph Lee Smith—Trident Press, 1969, 179 p., \$4.95. Journalist explores the history, philosophy, claims and present-day practices of practitioners of chiropractic.

AVERSION THERAPY AND BEHAVIOUR DISORDERS: An Analysis—S. Rachman and J. Teasdale; foreword by H. J. Eysenck—Univ. of Miami Press, 1969, 186 p., \$6.95. In this evaluation of treatment by electric shock and other noxious stimuli, the authors can draw both on experience in clinical practice with neurotic patients and on knowledge of conditioning and learning theory acquired in the experimental laboratory.

BEHAVIOR CONTROL—Perry London—Harper, 1969, 241 p., \$6.95. Psychologist considers the tools available—psychotherapy, hypnosis, conditioning, drugs, surgery—and discusses the meaning and ethics of behavior control.

BIOLOGY AND THE PHYSICAL SCIENCES—Samuel Devons, Ed.—Columbia Univ. Press, 1969, 379 p., illus., \$12.50. Essays reflect in their diversity the great variety and depth of the penetration of physical-chemical concepts and techniques into present-day biology, from template processes in heredity and evolution, to the molecular basis of human vision.

BIRD VOCALIZATIONS: Their Relations to Current Problems in Biology and Psychology, Essays presented to W. H. Thorpe—R. A. Hinde, Ed., foreword by Konrad Z. Lorenz—Cambridge Univ. Press, 1969, 394 p., illus., \$13.50. Grouped in sections dealing with the developmental, physiological, functional and evolutionary aspects of bird song, the volume presents important contributions to research on the relationship between instinct and learning.

BLACK SUICIDE—Herbert Hendin—Basic Bks., 1969, 176 p., \$5.95. Statistics show that suicide rates in New York City are almost twice as high among young black males as among white. This psychoanalytic study probes into the motivation and significance of suicide in urban black American culture.

BROTHER ANIMAL: The Story of Freud and Tausk—Paul Roazen—Knopf, 1969, 226 p., photographs, \$5.95. Based on papers from Freud's archives this biography brings to light the personal relationships and contributions to modern psychoanalytic theory of one of Freud's most gifted pupils.

CELLS INTO ORGANS: The Forces that Shape the Embryo—J. P. Trinkaus—Prentice-Hall, 237 p., photographs, drawings, \$6.95; paper, \$3.50. A study of the organization of cells of multicellular organisms into tissues and organs. Describes the current state of knowledge of cell contacts and movements made possible by improved methods in the study of cell structure.

CHROMOSOMES TODAY, Vol. 2—C. D. Darlington and K. R. Lewis, Eds.—Plenum Press, 1969, 285 p., plates, illus., \$15. Proceedings of the Second Oxford Chromosome Conference, wide range of topics grouped under three main headings—chromosomes in division, in development and in evolution.

CLINICAL ANALYSIS BY THIN-LAYER CHROMATOGRAPHY TECHNIQUES—Ronald M. Scott—Ann Arbor-Humphrey Science Pubs., 1969, 227 p., illus., \$18.75. Treatise covers, thoroughly and concisely, techniques employed to determine diversity, identity and quantity of compounds found in body fluids.

CONCEPTION, BIRTH AND CONTRACEPTION: A Visual Presentation—Robert J. Demarest and John J. Scarra, M.D.; introd. by Mary S. Calderone, M.D.—McGraw-Hill/Blackiston, 1969, 129 p., medical illustrations by R. J. Demarest, \$8.95. Sixty-one graphic, full-color illustrations present the facts of human reproduction with explanatory text.

COORDINATION CHEMISTRY—J. V. Quagliano and L. M. Vallarino—Heath, 1969, 124 p., diagrams, paper, \$2.50. A Topics in Modern Chemistry book, treats the topic more extensively than it is usually treated in introductory chemistry.

THE COUNTRYMAN WILDLIFE BOOK—Bruce Campbell, Ed.—Taplinger, 1969, 211 p., photographs, drawings, \$6.50. Selection of bird and other wildlife observations from the British journal THE COUNTRYMAN.

CRITICAL PATH METHOD: Introduction and Practice—A. T. Armstrong-Wright—Humanities Press, 1969, 113 p., diagrams, paper, \$3.50; paper, \$2. Provides a sound knowledge of the basic techniques of the system, with numerous case studies to illustrate the practical application of the methods described.

DESIGN WITH NATURE—Ian L. McHarg—Natural Hist. Press, 198 p., photographs, sketches, maps, \$19.95. Shows in pictures and maps community types, both in nature and city, the advances of blight, the vulnerability of expanded growth, the pathology of health in cities, planned land use, and visions of good ecological design.

DISADVANTAGED CHILD, Vol. 2: Head Start and Early Intervention—Jerome Hellmuth, Ed.—Brunner/Mazel Pubs., 1969, 613 p., photographs, diagrams, \$12.50. Articles on the relevance of genetic and environmental theories for educational practice, the relation of health and nutritional status to development and learning, the ecology of language development, and problems of evaluating massive innovations in education.

THE ECONOMICS OF COMPUTERS—William F. Sharpe—Columbia Univ. Press, 1969, 571 p., diagrams, \$10. Provides and applies a set of concepts from microeconomic theory with focus on industry, firm and computer, aimed at computer center managers and economists.

EDUCATORS GUIDE TO FREE SCIENCE MATERIALS—Mary Horkheimer Saterstrom, Ed.—Educators Progress Service, 1969, 10th ed., 408 p., paper, \$8.25. Arranged by subject, lists 1,950 annotated items—films, filmstrips and pamphlets—includes source, title and subject index and sample units suggesting topics for investigation.

ELECTROPHORESIS—TECHNICAL APPLICATIONS: A Bibliography of Abstracts—B. J. Haywood—Ann Arbor-Humphrey Science Pubs., 1969, 440 p., \$18.75. Arranged in two sections: abstracts of current literature 1965-1969 and abstracts for background reference.

EMERGENCY AND DISASTER PLANNING—Richard J. Healy—Wiley, 1969, 290 p., illus., \$12.95. Defines the key aspects to be considered in a plan to cope with disaster, and outlines the more common types of emergency situations arising from natural and industrial disasters or possible nuclear attacks.

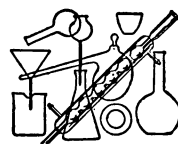
EPIDEMIOLOGY OF MONGOLISM—Abraham M. Lilienfeld with Charlotte H. Benesch—Johns Hopkins Press, 1969, 145 p., illus., \$7. Provides a detailed review and assessment of the literature dealing primarily with differences in the frequency of mongolism, or Down's Syndrome, under various conditions, and with the characteristics of those who have the disease as compared with those who do not.

ETHIOPIA: Its Culture and Its Birds—Dean Hobbs Blanchard—Naylor Co., 1969, 313 p., photographs, maps, \$10. Describes day-by-day trekking through Ethiopia, gives list of type specimens and describes actual bird identifications along the trek in 1933-34.

EVOLUTIONARY BIOCHEMISTRY OF PROTEINS: Homologous and Analogous Proteins from Avian Egg Whites, Blood Sera, Milk and Other Substances—Robert Earl Feeney and Richard Gall Allison—Wiley-Interscience, 1969, 290 p., illus., \$13.95. Emphasis is on three kinds of protein, transferrins, lysozymes and inhibitors of proteolytic enzymes.

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FIRST SYMPOSIUM ON ROLAMITE—Donald D. Eulert, Ed.—Univ. of New Mexico Press, 1969, 179 p., illus., paper, \$10. Sponsored by Technology Applications Center of the University and by Sandia Laboratories, the proceedings represent fundamentals of the rolamite device and applications workshop papers.

FOREIGN MEDICAL GRADUATES IN THE UNITED STATES—Harold Margulies and Lucille Stephenson Bloch—Harvard Univ. Press, 1969, 169 p., \$5.75. An analytical study of the growing migration of foreign medical school graduates, the effects on the countries of origin, the quality of education the graduates receive, their responsibilities for patient care in the U.S., and current regulations affecting migration of physicians to this country.

FROM MOLECULE TO MAN: The Explosion of Science—J. Z. Young and Tom Margerison, Eds.—Crown Pubs., 1969, 215 p., 400 illus., 122 in color, \$19.95. Large format with well-chosen photographs and diagrams offering pertinent examples from nature enhance this presentation by scientists of the scientific research backing up the biological sciences, from basic building blocks and protein chains to overcrowding by homo sapiens.

GEM HUNTER'S GUIDE—Russell P. MacFall—Crowell, 1969, 4th rev. ed., 279 p., color plates, 89 maps, \$5.95. Handbook for the amateur collector, includes directory of the best locations, glossary, sources of information and bibliography.

HALF-WAY ELEMENTS: The Technology of Metalloids—Graham Chedd—Doubleday, 1969, 192 p., photographs, diagrams, \$5.95; paper, \$2.45. An illustrated survey of the group of elements used in products ranging from transistors and glass ceramics to drugs and plastic fibers.

HOW TO FIX TRANSISTOR RADIOS & PRINTED CIRCUITS—Leonard C. Lane—TAB Bks., 1969, 256 p., illus., \$7.95; paper, \$4.95. A guide for electronic technicians.

HOW TO KNOW THE LICHENS—Mason E. Hale—Brown, Wm. C., 1969, 226 p., 428 illus., paper, spiral-bound, \$3. Explains what lichens are, their study and uses, and gives pictured-key to foliose, gelatinous, umbilicate, fructicose and squamulose lichens.

HOW TO RAISE A HUMAN BEING: A Parents' Guide to Emotional Health from Infancy through Adolescence—Lee Salk and Rita Kramer—Random House, 1969, 205 p., \$5.95. Provides a practical guide, based on both empirical experiences and scientific knowledge, for understanding the changing needs of children as their maturation proceeds through its various critical periods.

HUMAN TUMOR CELL KINETICS LECTURE SERIES—Seymour Perry, Ed.—National Cancer Institute Monograph 30 (GPO), 1969, 246 p., photographs, diagrams, \$4. Seminar papers range from discussion of biochemical events in the cell cycle to cell proliferation kinetics in benign and malignant skin diseases in humans.

THE INDIAN HERITAGE OF AMERICA—Alvin M. Josephy, Jr.—Knopf, 1969, 398 p., 60 photographs, maps, \$10. Presents the history, archaeology and ethnology of the major Indian cultures from Alaska to Patagonia, from pre-historic times to the present. An authoritative book for the general reader.

INVESTMENT IN KNOWLEDGE: The First Dozen Years of the National Science Foundation's Summer Institutes Programs to Improve Secondary School Science and Mathematics Teaching, 1954-1965—Hillier Kriegbaum and Hugh Rawson—N.Y. Univ. Press, 1969, 334 p., \$8. Reviews the history of political and administrative developments.

Just Published

How 88,648 Heavy Smokers Stopped Smoking

NEW YORK — The Anti-Tobacco Center of America has just published a booklet which explains how 88,648 heavy smokers (of whom many are physicians) have stopped smoking without straining their will power. This booklet is available free of charge to smokers. All you need to do, to obtain it, is to send your name and address to The Anti-Tobacco Center of America, Dept. A-84-P, 276 Park Avenue South, New York City, 10010. This offer is open while the supply of these booklets lasts.

