

Books of the Week

For the editorial information of our readers, books received for review are listed. For convenient purchase of any U. S. book in print, send a remittance to cover retail price (postage will be paid) to Book Department, Science Service, 1719 N Street, N. W., Washington 6, D. C.

THE ART OF BENIN—Philip J. C. Dark—*Chicago Nat. Hist. Mus.*, 74 p., 48 plates, paper, \$2. Catalogue of an exhibition of the A. W. F. Fuller and the museum collections of antiquities from Benin, Nigeria.

CANCER CAUSE AND PREVENTION: Environmental Factors, Personal Factors, Occupational Hazards—*Public Health Service*, 14 p., paper, single copies free upon request direct from publisher, Washington 25, D. C.

COMPUTERS: The Machines We Think With—D. S. Halacy Jr.—*Harper*, 279 p., illus., \$4.95. About the chores that electronic "brains" are taking over, how these accomplishments have come about, and a glimpse of the future.

CORNING RESEARCH, 1961—E. U. Condon and others—*Corning Glass Works*, 265 p., illus., paper, single copies free upon request direct to publisher, 717 Fifth Ave., New York 22, N. Y. Selected papers by Corning scientists.

CRIMINAL INTERROGATION AND CONFESSIONS—Fred E. Inbau and John E. Reid—*Williams & Wilkins*, 214 p., \$6.50. A definitive text on the tactics and techniques used in criminal interrogation, complying with legal requirements.

A DICTIONARY OF ELECTRONICS—S. Handel—*Penguin*, 383 p., diagrams, paper, \$1.65. One third of the 5,000 entries in this handy dictionary, ranging from "AB pack" to "zoom lens," did not exist before 1950.

DIVISION OF LABOR IN CELLS—Geoffrey H. Bourne—*Academic Press*, 248 p., illus., paper, \$2.95. Concerned with the relationships between structure and the chemical and biochemical composition of cells.

ELEMENTARY SOLID STATE PHYSICS: A Short Course—Charles Kittel—*Wiley*, 339 p., illus., \$8.75. Abbreviated text on the basic physical processes in solids, with emphasis on semiconductors and metals.

ELEMENTS OF GENERAL AND BIOLOGICAL CHEMISTRY: An Introduction to the Molecular Basis of Life—John R. Holm—*Wiley*, 470 p., illus., \$5.95. Designed for students not intending to become chemists.

THE EXPERIENCES OF AMERICAN SCHOLARS IN COUNTRIES OF THE NEAR EAST AND SOUTH ASIA—Gordon Macgregor—*Soc. for Applied Anthropology*, 54 p., paper, \$2. Report on the problems of selection, planning and personal adjustment of Americans in the Fulbright Programs with Egypt, India and Iraq.

EXPERIMENTS IN MAGNETISM AND ELECTRICITY—Harry Sootin—*Watts, F.*, 244 p., illus., \$2.95. Describes 200 basic experiments that can be done at home and explains some of the principles behind them.

EXPLODING WIRES, Vol. 2—William G. Chace and Howard K. Moore, Eds.—*Plenum Press*, 321 p., illus., \$10.50. Conference papers, considering exploding wire shock waves, instrumentation problems in wire explosions, and exploding foils.

EXPLORING THE SECRETS OF THE SEA—William J. Cromie—*Prentice-Hall*, 300 p., illus. by George Geygan, \$5.95. The story of exploration of the world's oceans, of the instruments used and what they discovered.

THE FLOWER WORLD OF WILLIAMSBURG—Joan Parry Dutton—*Colonial Williamsburg (Holt)*, 148 p., photographs, \$4.95. Attractive volume on 18th century gardens and flower arrangements.

FREEDOM FOREST—Sigvard Berggren, transl. from Swedish by Evelyn Ramsden—*Morrow*, 173 p., photographs, \$3.95. Unusual story of how the author imported a variety of African wild animals and raised them as pets at his home in Sweden.

THE GREATNESS THAT WAS BABYLON: A Sketch of the Ancient Civilization of the Tigris-Euphrates Valley—H. W. F. Saggs—*Hawthorn Bks.*, 562 p., 64 plates, \$9.95. An up-to-date account of the civilizations of Babylonia and Assyria, for the general reader.

GUIDE TO LATIN AMERICAN SCIENTIFIC AND TECHNICAL PERIODICALS: An Annotated List—*Pan American Union*, 187 p., paper, \$4. Arranged by broad subject categories with detailed subdivisions.

HI-FI STEREO FOR YOUR HOME—Arthur Whitman—*Cornerstone Lib.*, rev. ed., 157 p., illus., paper, \$1. Unabridged reprint (1959) of guide for the amateur.

HOUSE PLANTS—Margaret E. Jones—*Penguin Bks.*, 208 p., 104 plates, paper, \$2.45. Handbook on conditions of growth, planting, recommended house plants, begonias, African violets, greenhouse culture and window boxes.

INSIDE THE LIVING CELL: Some Secrets of Life—J. A. V. Butler—*Science Editions*, 174 p., illus., paper, \$1.65. Popular book about the nature of life, written by scientist.

A LAYMAN'S GUIDE TO ATOMIC PHYSICS—J. M. Valentine—*Collier Bks.*, 192 p., diagrams, paper, 95¢. Reprint, published in 1960 under title "Teach Yourself Atomic Physics."

MARINE SCIENCES INSTRUMENTATION, Vol. I—Roy D. Gaul and others, Eds.—*Instrument Soc. of Am. (Plenum Press)*, 354 p., illus., \$12.50. Instrumentation papers presented at the Marine Science Conference at Woods Hole in 1961.

THE MAYO BROTHERS—Helen Clapesattle—*Houghton*, 180 p., illus. by Karoly and Szanto, \$1.95. For young people.

MEET FLORA MEXICANA—M. Walter Pesman—*King, Dale S.*, 278 p., illus., \$6; paper \$4. A guide to recognizing the more familiar plants of Mexico, as seen from the main highways.

MEET SOVIET RUSSIA, Book One: Land, People, Sights. Book Two: Leaders, Politics, Problems—John Gunther—*Harper*, 260 p., 246 p., illus. by Grisha, \$3.50 each. Contemporary affairs, for young readers.

MISSILES AND THE REVOLUTION IN WARFARE—Nels A. Parson Jr., foreword by Werner von Braun—*Harvard Univ. Press*, 245 p., illus., \$5.75. Extensively revised and updated non-technical introduction to the subject.

MODERN COMMUNICATIONS—Thomas H. Crowley and others—*Columbia Univ. Press*, 340 p., illus., \$9.75. Describes the principles of communication technology for the nonspecialist, with majority of examples chosen from modern telephony.

THE NATURE OF BIOCHEMISTRY—Ernest Baldwin—*Cambridge Univ. Press*, 111 p., diagrams, \$2.75; paper, \$1.45. Intended to be read as an introduction to the serious study of biochemistry.

NUCLEAR GRAPHITE—R. E. Nightingale, Ed.—*Academic Press*, 547 p., illus., \$15.80. Authoritative account of the properties and uses of graphite in the nuclear energy industry.

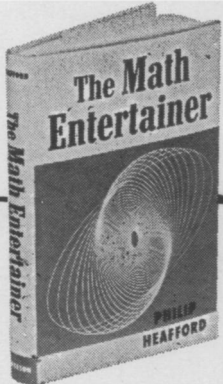
STATISTICAL AND INDUCTIVE PROBABILITIES—Hughes Leblanc—*Prentice-Hall*, 148 p., \$6.65. Author handles probability theory as a branch of logic and mathematics.

SUICIDE AND MASS SUICIDE—Joost A. M. Meerloo—*Grune & Stratton*, 153 p., \$3.75. Psychoanalyst's essay on man's destructive urges and the creative forces that tend to counterbalance them.

TOTAL ENROLLMENT IN INSTITUTIONS OF HIGHER EDUCATION, FIRST TERM, 1959-60: Basic Data—Educational Statistics Branch—*OE (GPO)*, 69 p., paper, 55¢.

THE UNIVERSE—David Bergamini and Eds. of LIFE, introd. by Harlow Shapley—*Time (Time Bk Div., Chicago)*, 192 p., illus., \$3.95. Pictorial treatment, in color, photography and diagrams, gives account of the advances in man's knowledge of his universe.

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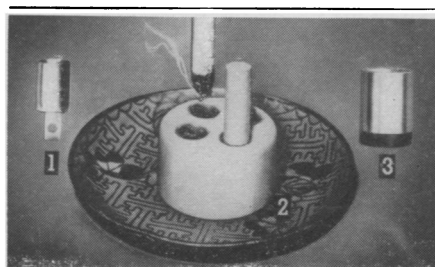
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