

Books of the Week

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ABORTION—Lawrence Lader—Bobbs-Merrill, 212 p., \$5.95. A documented report on the legal and medical practices governing abortion in the U.S., Europe and Japan, with discussion of needed reforms.

ABOUT EGGS AND CREATURES THAT HATCH FROM THEM—Melvin John Uhl—Melmont Pubs., 47 p., illus. by Madalene Otteson, \$2.50. Attractive picture book, tells children facts about fish, reptiles, amphibians, birds, insects and mammals that lay eggs.

ABOUT SHARKS AND SHARK ATTACK—David H. Davies—Hobbs, Dorman, 237 p., 64 photographs by author, diagrams, maps, \$6.95. About sharks in general and South African shark attacks in particular, based on years of research, written by the Director of the Oceanographic Research Institute in Durban, South Africa.

ATOMIC PHYSICS: An Atomic Description of Physical Phenomena—Gaylord P. Harnwell and William E. Stephens—Dover, 401 p., diagrams, paper, \$2.50. Unabridged and corrected republication of work originally published in 1955.

BIOLOGICAL FRONTIERS—Lorus J. and Margery Milne—A.L.A. (Public Affairs Comm.), 29 p., paper, 60¢ direct to Public Affairs Pamphlets, 381 Park Ave. S., New York 10016. A reading guide for adult self-education on recent advances in biological research.

BIRDS IN THE BALANCE—Philip Brown—October House, 124 p., photographs, \$7.50. An introduction to some of the problems of conserving wild birds, with emphasis on Great Britain and the Netherlands.

THE CHEMICAL WARFARE SERVICE: Chemicals in Combat—Brooks E. Kleber and Dale Birdsall—Office of the Chief of Military History, U.S. Army (GPO), 697 p., photographs, maps, \$5.25. The 64th volume in the series **UNITED STATES ARMY IN WORLD WAR II**, deals with administration, supply and battle field action involving chemical weapons.

COMMUNICATION AND DEVELOPMENT: A Study of Two Indian Villages—Y. V. Lakshmana Rao—Univ. of Minn. Press, 145 p., \$4.50. Based on field work in two small South Indian villages, the study probes the flow of information and circulation of knowledge and ideas under contrasting stages of village development.

DAVID IN SILENCE—Veronica Robinson—Lippincott, 126 p., illus. by Victor Ambrus, \$3.25. A sensitive story about a deaf boy, based on research into the problems of deaf children.

THE DIVER'S WORLD: An Introduction—Edmund Burke—Van Nostrand, 243 p., \$5.95. A general introduction to the history of diving for commercial reasons, the development of equipment, underwater danger and survival, underwater photography and hunting.

THE ELEMENTS RAGE—Frank W. Lane—Chilton Bks., 346 p., photographs, \$7.50. Thoroughly annotated, readable book about extreme natural violence, from hurricanes, tornadoes and hail through avalanches and floods to meteoroids, earthquakes and volcanoes.

EMOTIONS—Jose M. R. Delgado, M.D.—Brown, Wm. C., 56 p., illus., paper, 65¢. One of 20 units of **INTRODUCTION TO PSYCHOLOGY**, a Self-Selection Textbook series edited by Jack A. Vernon, permits the flexible selection of authoritative texts on specific topics.

ENCYCLOPAEDIA OF PSYCHIC SCIENCE—Nandor Fodor, foreword by Leslie Shepard—University Bks., 416 p., boxed, \$17.50. Alphabetically arranged reference work, features lengthy articles, case histories and biographical sketches, covering both psychical research and spiritualism.

FEASIBLE PLANNING FOR SOCIAL CHANGE—Robert Morris and Robert H. Binstock with Martin Rein—Columbia Univ. Press, 182 p., \$5. Presents a useful theoretical view of planning as it is conducted by professional personnel of governmental and private organizations at all levels of society, concentrating on factors that determine feasibility of goals.

A GEOGRAPHY OF MAN—Preston E. James with Hibberd V. B. Kline, Jr.—Blaisdell Pub. Co., 3rd ed., 583 p., photographs, maps, \$9. Elementary college text concerned specifically with the interrelations of man and his natural surroundings.

GEOMETRIC EXERCISES IN PAPER FOLDING—T. Sundara Row, rev. by Wooster Woodruff Beman and David Eugene Smith, Eds.—Dover, 148 p., photographs, diagrams, paper, \$1. Reprint of 1905 revised edition.

THE GOLDEN BOOK OF ANIMAL HABITS—Ann Finlayson—Golden Press, 125 p., illus. by Kyuzo Tsugami, \$3.95. Tells young boys and girls how animals sleep, keep house, live and "talk" together, bring up their young and fight their enemies.

HOW TO DO LIBRARY RESEARCH—Robert B. Downs with Elizabeth C. Downs—Univ. of Ill. Press, 179 p., \$5. Concise guide to basic references on general and specialized subjects.

HYDRAULIC AND PNEUMATIC POWER AND CONTROL: Design, Performance, Application—Franklin D. Yeaple—McGraw, 338 p., 530 illus., \$12. Practical design book, emphasizes step-by-step techniques, covers every major area of fluid power and control, including selection of components.

THE INDOOR AND OUTDOOR GROW-IT BOOK—Samm Sinclair Baker—Random House, 66 p., illus. by Eric Carle, \$2.95. A book for the young experimenter with plants.

THE KOREAN PEOPLE'S DEMOCRATIC REPUBLIC—Glenn D. Paige—Hoover Institution, 60 p., paper, \$2. A study of North Korea's process of integration into the Communist party-state system.

LIQUID MIXING AND PROCESSING IN STIRRED TANKS—F. A. Holland and F. S. Chapman—Reinhold, 319 p., illus., \$15. Presents in usable form the quantitative methods for designing and operating the more common liquid mixing systems.

MAMBAS AND MAN-EATERS: A Hunter's Story—C. J. P. Ionides—Holt, 248 p., photographs, \$5.95. Encounters with wild animals in East Africa reported by hunter-conservationist and authority on catching poisonous snakes.

MARINE SCIENCES INSTRUMENTATION, Vol. 3—William C. Knopf and Herbert A. Cook, Eds.—Plenum Press, 295 p., illus., \$12.50. Proceedings of the Third National Marine Sciences Symposium (Miami, Fla., 1965), papers range from evaluation of the jet net and aspects of expandable instrumentation to discussion of sensors for the observation of wave height and wind direction.

MATSCIENCE SYMPOSIA ON THEORETICAL PHYSICS—Alladi Ramakrishnan, Ed.—Plenum Press, 167 p., diagrams, \$9.50. Contains 12 papers dealing mainly with complex problems of particle symmetry and resonance.

THE MONGOLIAN PEOPLE'S REPUBLIC—Robert A. Rupen—Hoover Institution, 74 p., paper, \$2. A study of Mongolia with emphasis on its political integration and community formation in the various stages of socialist development.

NORMALITY: Theoretical and Clinical Concepts of Mental Health—Daniel Offer and Melvin Sabshin, foreword by Roy R. Grinker, Sr.—Basic Bks., 253 p., \$5.50. A survey of selective approaches to normality in medicine, psychology, psychoanalysis, anthropology, sociology and biology, focusing on the issues that help us view the problem of normality as a whole.

PERSONALITY: A Biosocial Approach to Origins and Structure—Gardner Murphy—Basic Bks., 999 p., \$10. Reissue of 1947 work which presents a coherent theoretical system into which observations from different viewpoints can be integrated.

PHOTOGRAPHIC VISION—Zvonko Glyck—Chilton Bks., 159 p., 163 illus., \$12.50. A visually exciting book that stresses the photographer's need for acquiring creative conceptual freedom.

THE PLANKTON OF THE SEA—R. S. Wimpenny—Am. Elsevier Pub. Co., 426 p., 20 plates, illus., \$16. Addressed to student and layman, the book gives an account of the diversity in form and habits of the microscopic groups of plants and animals that float in the sea, their interrelationships, distribution and behavior.

THE PRIVATE LIFE OF THE RABBIT: An Account of the Life History and Social Behaviour of the Wild Rabbit—R. M. Lockley—October House, 152 p., photographs, diagrams,

\$7.50. A definitive study of the survival pattern of the wild rabbit in Britain in the sixties.

THE RECOGNITION OF MENTAL ILLNESS IN LONDON: A Study of the Social Processes Determining Compulsory Admission to an Observation Unit in a London Hospital—Annette R. L. Lawson—Oxford Univ. Press, 123 p., \$10.50. An attempt to analyze the determinants and forms of tolerance exercised by society towards the mentally sick.

SCIENCE, MAN AND MORALS—W. H. Thorpe—Cornell Univ. Press, 176 p., illus., \$4.95. Based on the Fremantle Lectures in Balliol College, Oxford, 1963, the author reviews recent developments in genetics and biophysics and considers the philosophical implications of the new knowledge about DNA and the genetic code.

SPECIFIC HEATS AT LOW TEMPERATURES—E. S. R. Gopal—Plenum Press, 240 p., diagrams, \$11.50. Comprehensive description of the various aspects of specific-heat studies at low temperatures, at graduate course level.

SYMMETRY GROUPS IN NUCLEAR AND PARTICLE PHYSICS—Freeman J. Dyson—Benjamin, W. A., 320 p., \$9; paper, \$4.95. The majority of papers collected here are concerned with the successes and failures of SU(6) in particle physics.

THIS IS GREECE—M. Sasek—Macmillan, 60 p., illus. by author, \$3.50. A picture tour of some of the highlights of historic Greece.

VALENCE and The Structure of Atoms and Molecules—Gilbert Newton Lewis, new introd. by Kenneth S. Pitzer—Dover, 172 p., diagrams, paper, \$1.50. Unabridged reprint (1923).

THE VINLAND SAGAS: The Norse Discovery of America—Graenlendinga Saga and Eirik's Saga, transl. with introd. by Magnus Magnusson and Hermann Palsson—N. Y. Univ. Press, 124 p., maps, \$4.50. Modern translation of the two medieval Icelandic sagas with glossary of personal and place names.

• Science News, 89:496 June 18, 1966

CHEMISTRY

New Plastic Resists Heat, Cold, Moisture

► A NEW lightweight plastic that keeps its mechanical properties up to 200 degrees F. can also withstand temperatures down to minus 40 degrees without becoming brittle.

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• Science News, 89:496 June 18, 1966

ZEN: a way of life

By Christmas Humphreys

At last, a book by a noted Western scholar of Zen that tells you in plain words: *what Zen is; what it can do; how it has been applied in daily life for results that have amazed and delighted thousands.* "The secret of Zen lies in its total acceptance of the world as it is . . . Mr. Humphreys' method is sound and skillful, his presentation of Zen principles most effective and lucid. . . . The book offers a practical system of training for the Zen way of life."—*Library Journal*.

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