

# Books of the Week

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**AEDS AEGYPTI (L) THE YELLOW FEVER MOSQUITO: Its Life History, Bionomics and Structure**—Sir S. Rickard Christophers—*Cambridge Univ. Press*, 739 p., illus., \$14.50. Systematic reference work of all that is known about the species.

**THE ANATOMY OF PSYCHOTHERAPY: Systems of Communication and Expectation**—Henry L. Lennard and Arnold Bernstein with others—*Columbia Univ. Press*, 209 p., \$6. Provides a picture of the structure of therapeutic communication.

**ANIMAL CAMOUFLAGE**—Adolf Portmann—*Univ. of Mich. Press*, 111 p., illus., paper, \$1.95. Ann Arbor Science Paperback.

**APOLOGIES TO THE IROQUOIS**—Edmund Wilson, with a Study of the Mohawks in High Steel by Joseph Mitchell—*Farrar, Straus*, 310 p., illus., \$4.95. Describes observations while exploring the contemporary world of the Indian tribes north and south of the Canadian border.

**ATOMIC AND NUCLEAR PHYSICS**—Robert S. Shankland—*Macmillan*, 2nd ed., 665 p., illus., \$8.75. Completely revised text for undergraduate physics majors and first-year graduate students.

**THE BIOSYNTHESIS AND SECRETION OF ADRENOCORTICAL STEROIDS**—J. K. Grant and F. Clark, Eds.—*Cambridge Univ. Press*, 112 p., illus., \$5. Biochemical Society Symposium No. 18, London, 1959.

**BIRDS OF ANAKTUVUK PASS, KOBUK, AND OLD CROW: A Study in Arctic Adaptation**—Laurence Irving—*Smithsonian Inst. (GPO)*, 409 p., illus., paper, \$2. Based on a 12-year study of adaptations to life in arctic Alaska.

**EDUCATION AND FREEDOM**—H. G. Rickover—*Dutton*, 332 p., paper, \$1.45. The Admiral's speeches and testimony before Congress, demanding higher standards in American education.

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**THE EGO IN LOVE AND SEXUALITY**—Edrita Fried—*Grune*, 296 p., \$5.50. Practicing psychotherapist uses case histories in discussing problems; she is hopeful of curing homosexuality, widely considered incurable.

**ELEMENTS OF CRYSTALLOGRAPHY AND MINERALOGY**—F. Alton Wade and Richard B. Mattox—*Harper*, 332 p., illus., \$7.50. Introductory textbook.

**EVOLUTION AND CULTURE**—Marshall D. Sahlins and Elman R. Service, Eds., foreword by Leslie A. White—*Univ. of Mich. Press*, 131 p., \$3.75. Anthropologists' essays expanding the idea that cultures evolve like biological species.

**EXPLORING SCIENCE, Vols. One to Six**—Walter A. Thurber; Paul E. Smith, Ed.—*Allyn*, new ed., 160 p., 176 p., 200 p., 264 p., 360 p., 360 p., illus., \$2.32, \$2.52, \$2.68, \$2.88, \$2.92, \$3.12. Elementary science series for grades one to six.

**FREE AND INEXPENSIVE LEARNING MATERIALS**—Curtis P. Ramsey, Ed.—*George Peabody College for Teachers, Div. of Surveys & Field Services*, 10th ed., 252 p., paper, \$1.50. Contains 3,633 annotated entries, grouped by subject.

**FROM ZERO TO INFINITY: What Makes Numbers Interesting**—Constance Reid—*Crowell*, 2nd rev. ed., 161 p., \$3.95. Discusses history and unique personality of each digit, with new chapter on infinite sets.

**GENETICAL RESEARCH, Vol. I, No. 1**—E. C. Reeve, Ed.—*Cambridge Univ. Press*, 172 p., illus., paper, \$7, 3 issues annually, \$17.50. Publishes original work on all aspects of genetics, or in any field of research which has important bearing on genetics.

**HEREDITY AND HUMAN NATURE**—David C. Rife—*Vantage*, 265 p., illus., \$4.50. Geneticist presents data which show that genetic variation is essential for the biological survival and cultural progress of the human race.

**I LIKE BUTTERFLIES**—Gladys Conklin—*Holiday*, 26 p., illus. by Barbara Latham, \$2.95. Colorful book for children.

**IN THEIR ELEMENT: The Story of Water**

**Mammals**—Maurice Burton—*Abelard-Schuman*, 155 p., illus. by Jane Burton, photographs, \$3. About the habits of mammals who use water as a refuge or as feeding ground.

**THE INDIVIDUAL AND HIS RELIGION: A Psychological Interpretation**—Gordon W. Allport—*Macmillan*, 147 p., paper, \$1.25. Reprint of study of the psychological aspects of religious behavior, especially in young people.

**INTRAAARTERIAL INFUSION OF PROCAINE IN THERAPEUTIC PRACTICE**—N. K. Gorbadei, transl. from Russian—*Consultants Bureau*, 135 p., illus., \$7.50. With supplement by I. I. Velikanov, on the treatment of patients with hypertension.

**INTRODUCTION TO QUANTITATIVE GENETICS**—D. S. Falconer—*Ronald*, 365 p., diagrams, \$6. Develops theory of the inheritance of quantitative differences between individuals, with practical examples and breeding plans for animal and plant improvement.

**INTRODUCTION TO SPACE**—Lee A. DuBridge—*Columbia Univ. Press*, 93 p., illus., \$2.50. Reviews briefly what space science has achieved so far, what can be expected in the near future, and indicates some of the staggering problems involved.

**AN INTRODUCTION TO THERMONUCLEAR RESEARCH: A series of Lectures Given in 1955**—Albert Simon—*Pergamon*, 182 p., \$5.50. Expanded to include some later material.

**INVERTEBRATE PALEONTOLOGY**—W. H. Easton—*Harper*, 713 p., illus., \$10. Intermediate text, stressing the functional approach, with systematic discussion of the biological and morphological features of invertebrate animals.

**JOBS AND FUTURES IN MENTAL HEALTH WORK**—Elizabeth Ogg—*Public Affairs Committee*, Pamphlet No. 296, 28 p., illus., paper, 25¢. Outlines job opportunities and educational requirements for careers in mental health field.

**THE JOURNAL OF SMALL ANIMAL PRACTICE, Vol. I, No. 1**—Bruce V. Jones, Ed.—*Pergamon*, 74 p., paper, quarterly, \$12 annually. International journal sponsored by the British Small Animal Veterinary Association.

**THE KINGDOM OF THE SUN**—Isaac Asimov—*Abelard-Schuman*, 160 p., diagrams, \$3. Acquaints young people with the history of astronomical discoveries, from the Babylonians to our day.

**LEARNING ABOUT ROLE-PLAYING: For Children and Teachers**—Hildred Nichols and Lois Williams—*Assn. for Childhood Educ.*, 40 p., illus., paper, 75¢. How to adapt a useful technique for treating the mentally ill to aid in elementary education.

**THE LOW-SODIUM, FAT-CONTROLLED COOKBOOK**—Alma Smith Payne and Dorothy Callahan, introd. by Francis L. Chamberlain—*Little*, rev. ed., 465 p., \$4.75. Foods and menus for patients with high blood pressure, heart, kidney and liver diseases.

**MATHEMATICS IN ACTION**—O. G. Sutton—*Harper*, 236 p., illus. by A. J. Laurie, paper, \$1.45. Reprint of second edition, explains the use of mathematical tools in problems of flight, statistics and meteorology.

**MINERALS AND ROCKS**—H. W. Ball—*Hanover House*, 96 p., photographs by Scaioni, \$4.95. A volume of photographs, partly in color, emphasizing the aesthetic qualities of "common" minerals and rocks.

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A MULTIPLY TABLE OF ASTROPHYSICAL INTEREST—Charlotte E. Moore—*NBS (OTS)*, rev. ed., 242 p., paper, \$4. Table of multiplies and finding list of lines in order of increasing wavelength with their multiply numbers.

OF STARS AND MEN: The Human Response to the Expanding Universe—Harlow Shapley—*Washington Square Press*, 145 p., paper, 50¢. Unabridged reprint of 1958 Beacon Press edition.

PEOPLE OF THE WORLD, Vol. II—Geoffrey Whittam and others—*Walck, H. Z.*, 128 p., illus., \$2.75. Tells boys and girls about lumbering and fur farming in Canada, cattle raising in Australia, and tea growing in Ceylon.

PHYSIOLOGY OF PREMATURITY: Transactions of the Fourth Conference, 1959—Jonathan T. Lanman, Ed.—*Macy*, 187 p., \$4.50. Discusses heat regulation, hypothermia and asphyxia, and physiology of the newborn.

PRINCIPLES OF ELECTRICITY AND MAGNETISM—Emerson M. and Emerson W. Pugh—*Addison-Wesley*, 430 p., \$8.75. Two-semester course, using principles of vector algebra and calculus, and electrostatics throughout.

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SCIENCE AND ENGINEERING IN AMERICAN INDUSTRY: Report on a 1956 Survey—Bureau of Labor Statistics for National Science Foundation—*GPO*, 117 p., paper, 70¢. Final results of comprehensive survey of funds and personnel for industrial research and development.

SCIENCE ON THE SHORES AND BANKS—Elizabeth K. Cooper—*Harcourt*, 187 p., illus. by author, \$3.25. Shows young scientist how to discover facts about plant and animal life that abounds in, on, and near any body of water.

THE SENSES—Wolfgang von Buddenbrock—*Univ. of Mich. Press*, 167 p., illus., paper, \$1.95. About stimulus and response, sight, color sense, hearing, smell and taste, touch, heat sense, gravity and posture sense.

SERVOMECHANISM FUNDAMENTALS—Henri Lauer, Robert N. Lesnick and Leslie E. Matson—*McGraw*, 2nd ed., 491 p., \$10. Presents basic properties of servo control devices and sets forth systematic procedures for the design of such devices.

THE SOUTH BUILDS: New Architecture in the Old South—Edward and Elizabeth Waugh, with Henry L. Kamphoefner—*Univ. of N. C. Press*, 173 p., photographs, \$12.50. Survey of most characteristic and most striking examples of contemporary architecture of the Southeast.

SPACE MONKEY: The True Story of Miss Baker—Olive Burt—*Day*, 64 p., photographs, \$2.50. About the little squirrel monkey that went 360 miles up into space and returned.

STUDENT FINANCIAL AID: Manual for Colleges and Universities—Homer D. Babbidge, Jr.—*Am. Personnel & Guidance Assn.*, 56 p., paper, \$1.50. Of interest to high school guidance counselors.

TENSORS FOR CIRCUITS (Formerly: A Short Course in Tensor Analysis for Electrical Engineers)—Gabriel Kron, introd. by Banesh Hoffmann—*Dover*, 2nd ed., 250 p., paper, \$1.85.

THEORETICAL STUDIES IN SOCIAL ORGANIZATION OF THE PRISON—Richard A. Cloward and others—*Social Science Res. Council*, 146 p., paper \$1.50. For those interested in the cure rather than the punishment of criminals.

THEORY OF ELEMENTARY PARTICLES—Paul Roman—*Interscience*, 575 p., \$12. Postgraduate course, including most important new results published up to 1959.

THE TRIUMPH OF THE TREE—John Stewart Collis—*Viking*, 276 p., paper, \$1.25. Reprint of a history of trees, from primeval ferns to the present.

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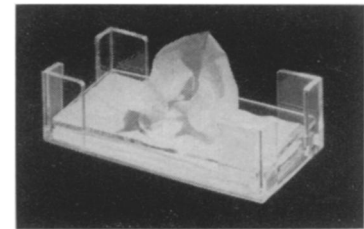
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