

Books of the Week

For the editorial information of our readers, books received for review since last week's issue 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. Request free publications direct from publisher, not from Science Service.

ATOMS FOR POWER: United States Policy in Atomic Energy Development—Philip C. Jessup, Robert Oppenheimer and others—*American Assembly, Columbia Univ.*, 165 p., paper, \$1. Including some of the addresses at the Assembly on the mountain top together with conclusions and recommendations arrived at.

THE BEHAVIOR OF MAN: Introduction to Psychology—Karl U. Smith and William M. Smith—*Holt*, 516 p., designed and illus. by Donald M. Anderson, \$6.95. Although an elementary text, this is a beautiful book in which art is harmonized with writing to give new meaning to the ideas expressed and to intrigue the student's interest.

BIOLOGICAL ASPECTS OF CANCER—Julian Huxley—*Harcourt*, 156 p., \$3.75. "Cancer," the author explains, "far from being a field of purely medical concern, is a key subject for general biology."

Boys' BOOK OF THE AIR—Eric Leyland and T. E. Scott-Chard, Eds.—*Roy Pubs.*, 128 p., illus., \$3. The reader is taken behind the scenes in the Air Age by prominent figures in the world of aviation.

FATIGUE OF AIRCRAFT STRUCTURES—A. R. Vollmecke and others—*Am. Soc. for Testing Materials*, 100 p., illus., \$2.75. Papers presented at the Second Pacific Area National Meeting.

FUNDAMENTALS OF MATHEMATICS—M. Richardson—*Macmillan*, rev. ed., 507 p., illus.,

\$6.50. A textbook on mathematics as a basis for all science.

THE FUTURE SUPPLY OF OIL AND GAS: A Study of the Availability of Crude Oil, Natural Gas, and Natural Gas Liquids in the United States in the Period Through 1975—Bruce C. Netschert—*Johns Hopkins Press*, for Resources for the Future, 134 p., \$3. Part of a larger study of the energy position of the U. S. in the immediate future.

GREAT MOMENTS IN ARCHAEOLOGY—Ivor Noël Hume—*Roy Pubs.*, 127 p., illus. with drawings by Bruce Cornwell, \$2.50. Exciting stories for young people of great archaeological discoveries.

THE GUIDE TO GARDEN FLOWERS: Their Identity and Culture—Norman Taylor—*Houghton*, 315 p., illus. with drawings in color and black and white by Eduardo Salgado, \$4.95. To help the garden lover to know his flowers better.

HARVARD CASE HISTORIES IN EXPERIMENTAL SCIENCE—James Bryant Conant, Ed.—*Harvard Univ. Press*, 639 p., illus., 2 volumes \$10 a set. Intended to help the reader relate important developments in the natural sciences to those in other fields of human activity.

HEATING, VENTILATING, AIR CONDITIONING GUIDE 1958: Volume 36—M. W. Keyes, Chairman, Guide Committee—*Am. Soc. of Heating and Air-Conditioning Eng.*, 1,272 p., illus., \$12. Reference data for engineers.

INSTRUMENTAL METHODS OF ANALYSIS—Hobart H. Willard, Lynne L. Merritt, Jr., and John A. Dean—*Van Nostrand*, 3d ed., 626 p., illus., \$7.50. An almost completely re-written popular text.

ME AND FRUMPET: An Adventure With Size and Science—Evans G. Valens, foreword by Edward Teller—*Dutton*, 127 p., illus., \$2.75. A delightful story for little children about a boy and a pipe-cleaner, man and a model railroad, all of which teaches a lot about science.

THE MEDICAL WORLD OF THE EIGHTEENTH CENTURY—Lester S. King—*Univ. of Chicago Press*, 346 p., illus., \$5.75. Revealing some surprises in medical history.

NEW AND NONOFFICIAL DRUGS 1958—Council on Drugs, AMA—*Lippincott*, 645 p., \$3.35.

ORAL COMMUNICATION OF TECHNICAL INFORMATION—Robert S. Casey—*Reinhold*, 199 p., illus., \$4.50. Hints to scientists and engineers on how to preside at a meeting and how to present technical material effectively.

PROJECT SATELLITE—Wernher von Braun, Kenneth W. Gatland, Harry E. Ross, and A. V. Cleaver—*British Bk. Centre*, 169 p., illus. with photographs and drawings by John W. Wood, \$5. Describing the historical background from

the beginnings of rocketry in Germany in 1928 and dipping into the future to forecast what is ahead.

QUANTUM MECHANICS OF ONE- AND TWO-ELECTRON ATOMS—Hans A. Bethe and Edwin E. Salpeter—*Academic*, 369 p., \$10. A book for graduate students on applied quantum mechanics and a reference work for physicists.

RADIATION: What It Is and How It Affects You—Jack Schubert and Ralph E. Lapp—*Viking*, 314 p., paper, \$1.25. "Man," warn the authors, "is no fruit fly. If he learns to live with radiation, it will be only through mastering its use and controlling its hazards."

SCIENTIFIC RUSSIAN: A Textbook for Classes and Self-Study—James W. Perry—*Interscience*, 816 p., \$7.50. Not designed to teach conversational Russian, this text is intended to aid the scientist in learning to read Russian scientific publications.

A SHORT COURSE IN DIFFERENTIAL EQUATIONS—Earl D. Rainville—*Macmillan*, 2d ed., 259 p., \$4.50. A college text.

SPLITTING OF TERMS IN CRYSTALS—Hans A. Bethe—*Consultants Bureau*, complete English translation, 69 p., paper, \$3. On the wave mechanics of crystals.

THE STORY OF OUR TIME: 1958 Encyclopedia Year Book—Marian Lockwood, Ed.—*Grolier Society*, 432 p., illus., \$7.50. A picture story of the events of 1957—International Geophysical Year and year of the sputnik. An account of the Science Highlights of the year is provided by Science Service.

Science News Letter, April 5, 1958

MEDICINE

Oral Preparation Delays Menses

► A SIMPLE oral preparation has been developed that successfully delays a woman's normal menstrual cycle.

The preparation, norethindrone, has delayed the cycle as long as seven months. Results show it relieves painful menstruation, helps prevent habitual abortion and allows women freedom from menses where it is undesirable.

Doses as low as 20 mg. daily can be given as late as seven days after ovulation and still delay the menses effectively, Drs. Robert B. Greenblatt, of the Medical College of Georgia, and Edwin C. Jungck, University of Georgia School of Medicine, both at Augusta, Ga., report in the *Journal of the American Medical Association* (March 22).

This delay can also help rebuild and strengthen the hemoglobin supply which takes a dip during menstruation and sometimes never returns to nonanemic levels. In addition, this simple method of delay opens the way for a new clinical measurement of the comparative effectiveness of progesterone compounds, hormones which prepare the uterus for the fertilized egg, the doctors explain.

Science News Letter, April 5, 1958



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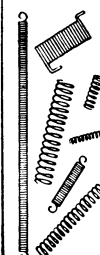
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