

Books of the Week

Listing is for readers' information, not advertising. For convenient purchase of any book listed or any U.S. book in print, remit retail price (we pay postage) plus 25¢ handling charge if price is less than \$2 to Book Department, Science Service, 1719 N St., N.W., Washington, D. C. 20036.

ADVANCES IN CHILD DEVELOPMENT AND BEHAVIOR, Vol. 1—Lewis P. Lipsitt and Charles C. Spiker, Eds.—Academic Press, 387 p., illus., \$12. Critical review articles summarizing recent research in the area of child psychology, on social factors, perception, motivation, learning and developmental research.

ADVANCES IN FOOD RESEARCH, Vol. 12—C. O. Chichester, E. M. Mraak and G. F. Stewart, Eds.—Academic Press, 433 p., illus., \$14. Deals with recent research on osmophilic yeasts, transport and storage of fruits and vegetables, refrigerated transport on shipboard, and the utilization of synthetic gums in the food industry.

THE AMERICAN PEOPLE: A Study in National Character—Geoffrey Gorer—Norton, rev. ed., 267 p., \$4.50. A Britisher explores the American character, first published in 1948, with new notes and 1963 postscript.

THE ART OF TECHNICAL WRITING: A Manual for Scientists, Engineers and Students—Eugene Ehrlich and Daniel Murphy—Crowell, 182 p., \$4.50. Deals with the types of documents the engineer and scientist have to write and offers a desk reference on style and usage.

ASSURING FREEDOM TO THE FREE: A Century of Emancipation in the USA—Arnold M. Rose, Ed., introd. by Lyndon B. Johnson—Wayne State Univ. Press, 306 p., \$6.95. Centennial celebration volume emphasizing the social science aspects of the emancipation of the American Negro.

BASIC CONCEPTS OF PROBABILITY AND STATISTICS—J. L. Hodges, Jr. and E. L. Lehmann—Holden-Day, 373 p., \$6.95. Explains the basic concepts and illustrates them with a number of simple but important statistical techniques.

THE BIOCHEMISTRY OF CLINICAL MEDICINE—William S. Hoffman—Year Bk. Medical Publishers, 3rd ed., 802 p., diagrams, \$12.50. Presents in readable manner the important and fundamental biochemical aspects of clinical medicine for the physician, with new sections on lipoproteins and free fatty acids, discussions on serum cellular enzymes and congenital errors in metabolism.

A BIOGRAPHY OF THE CONSTITUTION OF THE UNITED STATES: Its Origin, Formation, Adoption, Interpretation—Broadus Mitchell and Louise Pearson Mitchell—Oxford Univ. Press, 384 p., \$6.75. A history of the significant events and debates in the development of the U.S. Constitution from its beginnings to the present day.

CHARACTERISTICS OF POTENTIAL SCIENTISTS—Charles L. Koelsche—Univ. of Ga., 45 p., paper, 50¢ direct to publisher, College of Educ., Athens, Ga. A pilot study and analysis of the science fair winners of Georgia, their families and teachers.

THE COMPACT HISTORY OF THE AMERICAN NEWSPAPER—John Tebbel—Hawthorn Bks., 286 p., \$4.95. Surveys and analyzes the development of American newspapers, from the Colonial press through the era when the newspaper was a personal instrument of power to the newspaper business journalism of today.

COSMETICS AND THE SKIN—F. V. Wells and Irwin I. Lubowe—Reinhold, 690 p., \$22. Covers the varied phases of the cosmetic industry, written by dermatologist and cosmetologist, it offers up-to-date review of the cosmetic patent field and outlines and discusses recent regulation proposed by FDA.

DISCOVERING THE UNIVERSE—Bernard and Joyce Lovell—Harper, 136 p., illus., \$3.95. About the development of radio astronomy, the scientific instruments at its disposal and the observations made by the radio astronomers.

DOWNSTREAM: A Natural History of the River—John Bardach—Harper, 278 p., illus., \$5.95. Written in narrative form by a specialist in aquatic biology, the book unfolds for the reader what happens between glacier and delta.

EXPLORING THE SCIENCES—Paul F. Brandwein and others—Harcourt, 672 p., illus., \$6. General science text in eight units with suggestions for projects, further reading and independent investigation.

THE EYE AND SIGHT—James R. Gregg and Gordon G. Heath—Heath, 136 p., illus., paper, \$1.32. Describes the optical system, how it works and explains the effects of optical aberrations; incorporates findings from recent research studies.

FIBERS—Irving and Ruth Adler—Day, 48 p., illus., \$2.50. Tells children the story of natural and man-made fibers.

FIRST THINGS FIRST—Walter P. Reuther—Center for the Study of Democratic Institutions, 10 p., paper, single copies free upon request direct to publisher, Box 4068, Santa Barbara, Calif. A discussion of the technological unemployment problem.

HEALTH IN THE LATER YEARS—Robert E. Rothenberg—New Am. Lib., 702 p., illus., by Sylvia

and Lester V. Bergman, \$6.95. A compilation of medically accepted information concerning the diseases of the later years, presented in the form of questions and answers to help the general reader understand the aging process.

IONIZATION IN HIGH-TEMPERATURE GASES—Kurt E. Shuler with John B. Fenn, Eds.—Academic Press, 409 p., illus., \$5.75. Based on the Conference on Ions in Flames and Rocket Exhausts sponsored by the American Rocket Society in 1962.

ISAAC NEWTON (1642-1727): A Biography—Louis Trenchard More—Dover, 675 p., plate, paper, \$2.50. Unabridged republication of definitive biography first published in 1934.

THE LORE OF LIVING PLANTS—Johannes van Overbeek; activities by Harry K. Wong—NSTA (McGraw), 160 p., illus., \$2.50. Tells the story of plant physiology, stressing the major breakthroughs, research frontiers and suggestions for student activities.

MANAGING FOR RESULTS: Economic Tasks and Risk-taking Decisions—Peter F. Drucker—Harper, 240 p., \$5. An organized presentation of the economic tasks of the business executive.

MAROOINED—Martin Caidin—Dutton, 378 p., \$4.95. A novel concerning an imaginative orbital flight of Project Mercury, describing an attempted rescue in space based on the author's intimate knowledge of space technology.

MASCULINITY AND FEMININITY: A Factor Analytic Study—Michael M. Reece—Psychological Reports, 16 p., paper, \$1. An analysis of stereotypes and ideal concept factors in a sample of 80 college students.

THE MEDICAL ANNUAL: A Year Book of Treatment and Practitioners' Index—R. Bodley Scott and R. Milnes Walker, Eds.—Wright & Sons (Williams & Wilkins), 81st ed., 585 p., 57 plates, \$8.50. Contains special article on kidney transplants followed by reviews of the year's outstanding clinical work.

MORE POSERS: 80 Intriguing New Hurdles for Reasonably Agile Minds—Philip Kaplan—Harper, 85 p., illus. by Jo Ann Stover, \$2.95. Short exercises in reasoning.

NAUTICAL CHART MANUAL—Wallace A. Bruder, Ed.—U.S. Coast & Geodetic Survey (GPO), 6th ed., 213 p., loose-leaf ring-binder, illus., \$6.75. Practical guidance for cartographers and engineers engaged in constructing and revising nautical charts, emphasizing details of current practices as developed by the Coast and Geodetic Survey.

NEW CURRICULA—Robert W. Heath, introd. by Paul Woodring—Harper, 292 p., \$5.95. Deals with the emerging program of secondary school mathematics, the requirements for major curriculum revision, the new approaches to chemistry and biology teaching, and provides evaluation and expert discussion of the new methods and programs developed.

PROPAGANDA: Towards Disarmament in the War of Words—John B. Whitton and Arthur Larson—Oceana, 305 p., \$8.50. The product of a five-year study of the World Rule of Law Center, presenting a legal analysis of the rules, principles and remedies available to control propaganda of a kind that threatens the peace.

THE ROCKY MOUNTAINS—Herbert Zim with U. of Colorado Museum staff—Golden Press, 160 p., illus. by Su Zan Noguchi Swain, paper, \$1. Depicts in color and describes more than 450 subjects, from geologic history to hiking in the scenic parks today.

SPELEOLOGY: The Study of Caves—George W. Moore and Brother G. Nicholas—Heath, 120 p., illus. by John C. Schoenherr, paper, \$1.32. Incorporates new facts and findings in this highly readable account of the physical and biological aspects of the cave environment.

STATUS INTEGRATION AND SUICIDE: A Sociological Study—Jack P. Gibbs and Walter T. Martin—Univ. of Ore., 225 p., \$8. A thorough analysis of world statistical data on suicide, testing the theory of status integration for predicting suicide rates. See story on p. 271.

A TABULATION OF HELICOPTER ROTOR BLADE DIFFERENTIAL PRESSURES, STRESSES AND MOTIONS AS MEASURED IN FLIGHT—James Scheiman—NASA (OTS), 691 p., paper, \$8.

THE THUNDERSTORM—Louis J. Battan—New Am. Lib., 128 p., photographs, diagrams, paper, 60¢. Written for the layman by meteorologist, the book incorporates recent research findings.

VITAMINS AND HORMONES: Advances in Research and Applications, Vol. 21—Robert S. Harris, Ira G. Wool and John A. Loraine, Eds.—Academic Press, 374 p., \$13. Deals with the intrinsic factor, modified thiamine compounds, cortisteroids and enzyme activity, and the endocrine system.

WASHINGTON: A Comprehensive New Guide for Visitors to the Nation's Capital—Robert E. Small-

man—Golden Press, 160 p., photographs, maps, paper, \$1.

WHY TEACH PHYSICS? Based on Discussions at the International Conference on Physics in General Education—Sanborn C. Brown, Norman Clarke and Jayme Tommo, Eds.—M.I.T. Press, 97 p., \$3.50. A readable, highly condensed and interpretive account of the discussions among the physicists of 26 countries, published for the International Union of Pure and Applied Physics.

WORLD HEALTH AND HISTORY—W. Hobson—Wright & Sons (Williams & Wilkins), 252 p., 49 plates, \$9. A very readable account of the worldwide attempts at preventive medicine, the book also shows the effect of disease on the course of world history.

THE WORLD OF LIVING THINGS—Paul F. Brandwein and others—Harcourt, 500 p., illus., \$4.80. A general science classroom text, encourages the student to investigate for himself.

THE WORLD OF MATTER-ENERGY—Paul F. Brandwein and others—Harcourt, 513 p., illus., \$5. A general science text featuring investigations and projects for further study.

• Science News Letter, 85:268 April 25, 1964

PUBLIC HEALTH

Narcotics in Britain Flow Mostly From U.S., Canada

► AMERICAN POLICE, together with some from Canada, are joining forces with London's Scotland Yard to stop the rapidly increasing drug traffic in Britain. The biggest flow of narcotics appears to be from North America.

Scotland Yard's Drug Squad, recently augmented, is being swamped with work. It is keeping in close touch with officers of the Federal Bureau of Investigation and the Royal Canadian Mounted Police as well as with customs and immigration authorities.

Interpol is helping with names and descriptions of drug smugglers and their methods. Many carriers are believed to be students.

Men are bringing heroin into the country in their ties and hollowed out cuff-links and buttons. Women are using hollowed-out earrings, bracelets and necklaces.

Three main factors are thought responsible for the sudden rise in illegal drug trade during the past few months:

1. The ease with which the public can obtain proprietary brands of drugs such as pep pills has led to demands for more potent narcotics with "bigger kicks."

2. The influx of immigrants and the movement through Britain of many Canadian and American servicemen has added to the increased demand for drugs.

3. The use of Britain as a staging point by international smugglers since crack-downs closed markets along the Canadian-American border.

• Science News Letter, 85:268 April 25, 1964

Do You Know?

Cacao, which is used in millions of chocolate products, is probably the most pest-ridden tree crop in the jungle.

More than twice as many children die each year from *measles* complications as from poliomyelitis.

A new *transportation* concept—riding on an air cushion—is being adapted by tool engineers to move Saturn rocket sections and tooling weighing as much as 86 tons.

• Science News Letter, 85:268 April 25, 1964