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.

ANALYTICAL CHEMISTRY: Some New Techniques—A. G. Jones—Academic, 268 p., illus., \$7.50. Includes flame photometry, differential spectrophotometry, gas chromatography and differential refractometry.

ASTRONOMY: A Textbook for University and College Students—Robert H. Baker—Van Nostrand, 7th ed., 547 p., illus., \$6.95. Introductory college course covering latest developments.

ATOMS TODAY & TOMORROW—Margaret O. Hyde—Whittlesey House, rev. ed., 160 p., illus. by Clifford N. Geary, \$3. Popular book brought up-to-date, emphasizing peacetime uses of

BIRDS WE KNOW-Margaret Friskey-Grosset, 47 p., illus. by Anna Pistorius, \$1. Easy to read and informative for the youngest readers.

A COLOR ATLAS OF MORPHOLOGIC HEMATOLogy: With a Guide to Clinical Interpretation—Geneva A. Daland, Thomas Hale Ham, Ed.— Harvard Univ. Press, rev. ed., 72 p., illus. by Etta Piotti, \$6.75. Reference guide to the study of blood films.

CREATIVITY: An Examination of the Creative Process-Paul Smith, Ed.-Hastings House, 210 p., illus., \$4.95. Chapters on creativity in science, research and engineering.

DICTIONARY OF ASTRONOMY AND ASTRONAU-TICS—Armand Spitz and Frank Gaynor—Philosophical Lib., 439 p., illus., \$6. Definitions of more than 2,200 terms and concepts.

DON'T WORRY ABOUT YOUR HEART-Edward Weiss, M.D.—Random House, 203 p., \$3.95. Discusses the psychosomatic aspects of heart disease.

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THE EDGE OF THE SEA—Rachel Carson—New Am. Lib., 238 p., illus. by Bob Hines, paper, 50¢. Reprint of 1955 edition.

ELECTRONIC COMMUNICATION -- Robert L. Shrader—*McGraw*, 937 p., illus., \$13. For the beginner in electronics who wants to become a licensed radio operator.

THE ESKIMO: Arctic Hunters and Trappers Sonia Bleeker—Morrow, 160 p., illus. by Patricia Boodell, \$2.50. Acquaints young readers with the skills and customs of Eskimos.

THE FILM VAPORIZATION COMBUSTION FOR GAS TURBINE ENGINES: Theoretical and Experimental Investigations—Gunter W. Maybach— Pa. State Univ., College of Engineering, 142 p., illus., paper, \$2.

THE FORD FOUNDATION ANNUAL REPORT 1958 —Ford Foundation, 183 p., illus., paper, free upon request direct to publisher, 477 Madison Ave., New York 22, N. Y. Includes review of Foundation projects.

GREENWOOD SUMMER - Marjory Bartlett Sanger—Dutton, 160 p., illus. by Christine Price, \$2.95. What youngsters can learn in a nature camp, with notes and bibliographies.

HighLights: National Conference on Air Pollution 1958—Public Health Service (Govt. Printing Office), 42 p., illus., paper, 35¢. Reports on plenary sessions, group discussions and recommendations.

INSECTS OF HAWAII, Vol. 8: Lepidoptera: Pyraloidea—Elwood C. Zimmerman—Univ. of Hawaii Press, 456 p., illus., paper, \$8. A manual of the insects of the Hawaiian Islands, enumerating species with notes on their origins, distribution, hosts and parasites.

LOW-FAT COOKERY - Evelyn S. Stead and Gloria K. Warren, introd. by Eugene A. Stead, Jr. and James V. Warren—McGraw, rev. ed., 284 p., illus., \$4.50. Tested recipes for the low-fat dieter.

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THE MAGNETO-IONIC THEORY AND ITS APPLI-CATIONS TO THE IONOSPHERE-J. A. Ratcliffe-Cambridge Univ. Press, 206 p., \$7.50. Monograph gives detailed account of a theory that plays an important part in theories of radio wave propagation through the earth's iono-

MILLIONS OF YEARS AGO: Prehistoric Life in North America-Edwin H. Colbert-Crowell, 153 p., illus. by Margaret M. Colbert, \$2.75. paleonotologist's story of fossil hunters and their finds, written for the general reader.

MODERN FOUNDRY PRACTICE-E. D. Howard, Ed.—Philosophical Lib., 3rd ed., 464 p., illus., \$15. Well-known guide to foundry work in Great Britain.

MR. Meadowlark—Miriam Mason—Hastings House, 110 p., illus. by Marie C. Nichols, \$2.75. Nature story for boys and girls.

Nomograms for Chemical Engineers-P. Kharbanda, foreword by Sir Harold Hartley

—Academic, 247 p., \$15. One hundred nomograms covering the main physical constants
likely to be needed in chemical engineering calculations.

PILOT PROJECT, INDIA: The Story of Rural Development at Etawah, Uttar Pradesch—Albert Mayer, McKim Marriott and Richard L. Park, introd. by Pandit Govind Ballabh Pant— Univ. of Calif. Press, 367 p., illus., \$5.50. Com-prehensive study of an experiment in planned rural development, including case histories.

PROBLEMS IN ENGINEERING STRUCTURES - R. J. Ashby and A. H. Chilver—Arnold, E. & Co. (St. Martins), 168 p., \$4.50. Covers elementary aspects of structural analysis for the undergraduate.

PROFESSIONAL INCOME OF ENGINEERS 1958-Engineering Manpower Commission, Donald S. Bridgman, Chmn.—Engineering Joint Council 63 p., charts, paper, \$3. Information on total number of engineering graduates, including those earning over \$20,000 and less than \$5,000.

PROJECT VANGUARD REPORT No. 33: Minitrack Report No. 7, Calibrating the Mark II Minitrack System with Radio Stars as Signal Sources—V. R. Simas and G. C. Kronmiller, Jr.—U. S. Naval Res. Lab. (Office of Technical Services), 26 p., illus., paper, 75.

PROJECT VANGUARD REPORT No. 34: Application of the Simplified Phase Plane to the Analysis and Design of Missile Jet-Relay Control Systems—J. L. Hieatt—U. S. Naval Res. Lab. (Office of Technical Services), 32 p., paper, \$1.

PROJECT VANGUARD REPORT No. 35: Minitrack Report No. 6, The Vanguard Satellite Command Receiver — D. S. Hepler — U. S. Naval Res. Lab. (Office of Technical Services), 10 p., illus., paper, 50¢.

(Continued on page 142)



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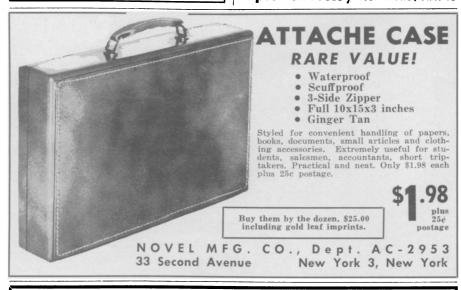
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Books of the Week

(Continued from page 140)

PROMISING PRACTICES IN NUTRITION EDUCATION IN THE ELEMENTARY SCHOOL—Willard J. Jacobson, Fannie Lee Boyd and Mary M. Hill—*Teachers College*, 46 p., paper, \$1. Suggests ways of improving the nutrition of children through education.

THE PSYCHOLOGY OF SOCIAL CLASS—Maurice Halbwachs, transl. from French by Claire Delavenay, introd. by Georges Friedman—Free Press, 142 p., \$4. Concerning the influence of the class group in the peasant, bourgeois, worker and lower middle classes.

PSYCHOPHARMACOLOGY FRONTIERS—Nathan S. Kline, Ed.—Little, 533 p., illus., \$10. Proceedings of the Psychopharmacology Symposium of the Second International Congress of Psychiatry, held in Zurich in 1957.

THE PULSE OF RADAR: Autobiography—Sir Robert Watson-Watt—Dial Press, 438 p., \$6. Story of the scientist who invented radar.

RECOMMENDATIONS ON UNDERGRADUATE CURRUCILA IN THE BIOLOGICAL SCIENCES—Willis H. Johnson and others, Eds.—Nat. Acad. of Sciences—Nat. Res. Council, Division of Biology, 86 p., paper, \$1.75. Summarizes the results of a conference called to re-examine undergraduate teaching programs.

RUSSIAN PRONUNCIATION: A Practical Course—Dennis Ward—Hajner Pub. Co., 90 p., \$2.50. Gives guidance to students in developing a good pronunciation, using ordinary letters of Russian alphabet rather than phonetics.

Skin Resistance Changes During Acceleration—Sanford I. Cohen and others—Wright Air Dev. Center (Office of Tech. Services), 10 p., paper, 50¢.

TV's New Engagement: Showmanship and Scholarship—Leon C. Fletcher—Fearon Publishers, 50 p., illus., paper, \$2. A report on educational television, prepared in cooperation with the Educational Television Research Association.

TELEVISION WORKS LIKE THIS—Jeanne and Robert Bendick—Whittlesey, 3rd rev. ed., 64 p., illus. by the authors, \$2.75. Pictorial story of the processes of television production, illustrated glossary of technical terms included.

TIMMY AND THE TIN-CAN TELEPHONE — Franklyn M. Branley and Eleanor K. Vaughan — Crowell, 24 p., illus. by Paul Gladone, \$2.50. For the very young reader.

Woody Plants in Winter—Earl L. Core and Nellie P. Ammons—Boxwood, 218 p., illus., \$4, paper, \$2.75. A manual to identify trees and shrubs in winter in the Northeastern U. S. and Southeastern Canada.

Science News Letter, February 28, 1959

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