

Books Just Off the Press

ADAPTING FRUIT AND VEGETABLE PRODUCTS TO WAR NEEDS—W. V. Cruess, M. A. Joslyn and Gordon Mackinney—*Univ. of California Press*, 38 p., 25c.

ALL ABOUT BROADCASTING — Creighton Peet—*Knopf*, 67 p., illus., \$1.75.

ANNOTATED GEOLOGICAL BIBLIOGRAPHY OF VIRGINIA—Joseph K. Roberts—*Dietz Press*, 482 p., \$7.50, paper \$5.

ATLAS OF THE SCALE INSECTS OF NORTH AMERICA—(Ser. 4)—Gordon Floyd Ferris—*Stanford Univ. Press*, various paging, illus., \$6.75, unbound \$5.75.

BASIC RADIO; THE ESSENTIALS OF ELECTRON TUBES AND THEIR CIRCUITS — J. Barton Hoag—*Van Nostrand*, 379 p., illus., \$3.25.

BIRDS AROUND NEW YORK CITY—Allan D. Cruickshank—*American Museum of Natural History*, 489 p., illus., \$1.75.

A BRAND NEW BABY—Margaret A. Stanger—*Beacon*, 132 p., illus., \$1.75 (Juv.)

CHEMICAL GARDENING—D. R. Matlin—*Chemical Publishing Co.*, 159 p., illus., \$2.25.

CIVIL DEFENSE IN WAR—Mrs. Anthony Billingham — *Transatlantic Arts*, 72 p., \$1.80 (Britain at war series).

THE CODEPODS OF THE PLANKTON GATHERED DURING THE LAST CRUISE OF THE CARNEGIE—Charles B. Wilson—*Carnegie Institution of Washington*, 237 p., illus., \$2.50, paper, \$3.50, cloth.

THE DYNAMIC STATE OF BODY CONSTITUENTS — Rudolf Schoenheimer — *Harvard Univ. Press*, 78 p., \$2.

FACTS FOR CHILDLESS COUPLES—E. C. Hamblen—*Thomas*, 103 p., diags., \$2.

A HANDBOOK OF ALLERGY FOR STUDENTS AND PRACTITIONERS — Wyndham B. Blanton—*Thomas*, 190 p., illus., \$3.

HANDBOOK SUPPLEMENT TO SPECIAL LIBRARIES: PART 2 MEMBERSHIP LIST — (Vol. 33, no. 2) — *Special Libraries Ass'n.*, 78 p., \$1.

HOME CANNING FOR VICTORY — Anne Pierce—*Barrows*, 106 p., illus., \$1.25.

INDUSTRIAL CHEMISTRY (4th ed.)—E. R. Riegel—*Reinhold*, 861 p., illus., \$5.50.

MEMORABLE DAYS IN MEDICINE—Paul F. Clark and Alice Scheidt—*Univ. of Wisconsin Press*, 305 p., illus., \$2.

MICROBIOLOGY AND MAN—Jorgen Birke-land—*Croft*, 478 p., illus., \$4.

MICROWAVE TRANSMISSION—J. C. Slater—*McGraw-Hill*, 309 p., \$3.50.

MODERN SANITARY ENGINEERING—George Eric Mitchell—*Chemical Publishing Co.*, 169 p., \$5.

1000 PICTORIAL SYMBOLS — *Pictograph Corporation*, 56 p., \$2.

PLANE TRIGONOMETRY, SOLID GEOMETRY AND SPHERICAL TRIGONOMETRY—Walter W. Hart and William L. Hart—*Heath*, 124 p., \$2.60 with tables, \$2.35 without tables.

PUBLIC RELATIONS FOR HIGHER EDUCATION—Stewart Harral—*Univ. of Oklahoma Press*, 292 p., illus., \$3.

THE RISE OF MAMMALS—George Gaylord Simpson—*American Museum of Natural History*, 21 p., illus., 25c.

SPITFIRE! THE EXPERIENCES OF A FIGHTER PILOT—B. J. Ellan (pseud.)—*Transatlantic Arts*, 110 p., \$1.50.

TABOO, A SOCIOLOGICAL STUDY — Hutton Webster—*Stanford University Press*, 393 p., \$4.

THEATRES OF WAR: INDIA, 18 p., AUSTRALIA AND NEW ZEALAND, 16 p., THE NORTH PACIFIC, 19 p., — Institute of Adult Education—*Teachers College, Columbia Univ.*, Series of 3 titles, 40 ea., single copies, 15c.

THE TRIUMPH OF MAMMALS—Edwin H. Colbert—*American Museum of Natural History*, 15 p., illus., 25c.

WAR MEDICINE, A SYMPOSIUM—Winfield Scott Pugh, ed.—*Philosophical Library*, 565 p., illus., \$7.50.

WEBSTER'S DICTIONARY OF SYNONYMS—G. & C. Merriam Co., 907 p., \$4 with thumb index, \$3.50 without thumb index.

WHAT THE CITIZEN SHOULD KNOW ABOUT SUBMARINE WARFARE—David O. Woodbury—*Norton*, 231 p., illus., \$2.50.

WHITE BOOK OF THE U. S. FOREIGN POLICY, 1932-1942—Committee for National Morale—*Authentic Publications Co.*, 48 p., 25c.

WOOD AND CHARCOAL AS FUEL FOR VEHICLES—R. Ruedy—*National Research Council, Canada, Research Plans and Publications Section*, 106 p., plates, \$2.

• Glances at New Books •

➤ THROUGH the concept of function, algebra, trigonometry, analytic geometry and the elements of calculus are united to a complete college course in BASIC COLLEGE MATHEMATICS, A GENERAL INTRODUCTION, by Carl Wallace Munshower and James Fletcher Wardwell (*Henry Holt*). For those who wish to pursue mathematics further, the book may serve as an introduction.

Science News Letter, September 12, 1942

➤ BY FIRST pointing out the uses of mathematics in our social and industrial life, the authors of LIVING MATHEMATICS, G. M. Ruch, F. B. Knight and G. E. Hawkins (*Scott, Foresman & Company*), aim to make the study of arithmetic more interesting and useful to young children. Intriguing "Side-Trips in Mathematics" give the brighter child a chance to exercise his wits.

Science News Letter, September 12, 1942

From Page 167

is much thinner than has been used before. It lies between $1/500,000$ inch, which is $1/10$ the wavelength of yellow light, and $1/300,000$ inch.

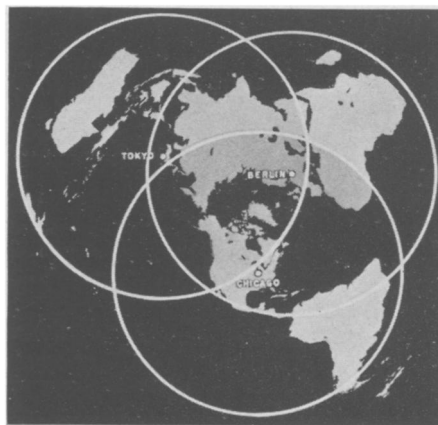
If thinner than this, the contours on the bottom of the film, next to the metal, will be repeated in less degree on the top surface, and the picture will lack details and contrast.

If thick beyond the flat part of the top surface, there will be extra material on top which will dim and wash out the picture. This technique which Mr. Schaefer originally developed for the preservation of snowflakes will now add its bit to this formidable array of laboratory methods for helping the war effort.

Science News Letter, September 12, 1942



THE AIRPLANE CHANGES OUR WORLD MAP



"The airplane closely unites the world's chief populations and resources, as seen from the polar-centered map."

Write for information on other Erpi films and plans for financing local film libraries.

Erpi Classroom Films Inc.

1841 BROADWAY
NEW YORK, N. Y.

Languages Made *easy* By Linguaphone

Speak SPANISH, PORTUGUESE, FRENCH—or any of 29 languages—in an amazingly short time by the simplified, direct Linguaphone conversational method. In your own home listen to the voices of native teachers who lead you by easy steps to speak, read and write the language of your choice. Endorsed by the foremost language teachers. Used by a million home-study students. Send for FREE Book

LINGUAPHONE INSTITUTE
31 R.C.A. Building New York City