

# First Glances at New Books

Additional Reviews  
On Page 272

## EDUCATION—ECONOMICS

EDUCATION AND ECONOMIC WELL-BEING IN AMERICAN DEMOCRACY—*Educational Policies Comm.*, 227 p., 50c. The thesis of this report, prepared by a commission appointed by the National Education Association and the American Association of School Administrators, is that education in America needs strengthening and extension, that the cost of doing this would be a paying national investment. Full of facts and presenting a plan of action.

*Science News Letter, April 27, 1940*

## EDUCATION

VISUAL AIDS: EXHIBITS, CHARTS, GRAPHS, MAPS AND PICTURES AVAILABLE FROM VARIOUS AGENCIES AND USEFUL IN HIGH SCHOOL AND COLLEGE TEACHING—Lili Heimers, comp.—*Visual Aids Service, N. J. State Teachers College, Montclair, N. J.*, 23 p., 50c. Arranged conveniently by subject and mimeographed.

*Science News Letter, April 27, 1940*

## CHEMISTRY

PROPERTIES OF ORDINARY WATER-SUBSTANCE In All Its Phases: Water-vapor, Water, and All the Ices—N. Ernest Dorsey, comp.—*Reinhold*, 673 p., \$15. This book is the newest volume in the well-known and much-used monograph series of the American Chemical Society. The extensive literature in this field is reviewed up through the year 1937 and gives a very complete picture, suitable for the expert.

*Science News Letter, April 27, 1940*

## REFERENCE

WHAT TO READ — Alumni Reading Lists: Third Series—Edith Thomas, Fred L. Dimock and Nelis R. Kampenga, compilers; with aid of the University faculty—*Univ. of Mich. Press*, 285 p., \$1.25. The Extension Service of the University of Michigan Library has, since its

inauguration, distributed annually over ten thousand reading lists on various subjects to alumnae who have requested information. This third printed edition of the published lists has been revised and enlarged; it is well arranged and well annotated. College graduates everywhere, and librarians, will find it valuable.

*Science News Letter, April 27, 1940*

## ETHNOLOGY

ESSAYS IN POLYNESIAN ETHNOLOGY—Robert W. Williamson; ed. by Ralph Piddington — *Cambridge (Macmillan)*, 373 p., \$7. (See page 264)

*Science News Letter, April 27, 1940*

## AGRICULTURE—FICTION

ON MEDLOCK FARM—Henry Tetlow—*Morrow*, 272 p., \$2.50. Hunting. Hexerei. Revolutionary War History. Having a few drinks. And, oh yes, something here and there about living in a farmhouse that used to be a tavern, in Eastern Pennsylvania. By the author of *We Farm for a Hobby and Make It Pay*. A delightfully discursive book.

*Science News Letter, April 27, 1940*

## ANTHROPOLOGY

CRANIOMETRY OF NEW GUINEA—Wilfrid D. Hambly—*Field Museum of Natural Hist.*, 107 p., 74 pl., \$2.50.

*Science News Letter, April 27, 1940*

## HISTORY—GEOGRAPHY

NEWFOUNDLAND, A Summary of the History and Development of Britain's Oldest Colony from 1497 to 1939—R. H. Tait—*Author, c/o Newfoundland Information Bur., 50 Rockefeller Plaza, New York*, 260 p., \$2.50. An encyclopedic handbook, with a large section devoted to modern economic and social conditions. One chapter is devoted to Labrador.

*Science News Letter, April 27, 1940*

## POLITICAL SCIENCE

THE EFFECT OF THE WAR ON AMERICA'S IDLE MEN AND IDLE MONEY—John A. Krout, ed.—*Academy of Political Science, Columbia Univ.*, 133 p., \$2.50 (Proceedings, Vol. XVIII, No. 4)

*Science News Letter, April 27, 1940*

## BOTANY

A REVISION OF SALVIA, SUBGENUS CALOSPHERE—Carl Epling—*Univ. of California Press*, 383 p., 60 pl., 43 maps, \$2.50. A carefully wrought out monograph of a difficult plant group, that will be welcomed by taxonomists.

*Science News Letter, April 27, 1940*

## ASTRONOMY

THE STAR-GAZER—Zsolt de Harsanyi; translated from the Hungarian by Paul Tabor—*Putnam's*, 572 p., \$2.75. This historical novel will intrigue many students of science because it revolves around the life of Galileo. A really fine book for the library of any scientist.

*Science News Letter, April 27, 1940*

## METALLURGY

REFINING PRECIOUS METAL WASTES—C. M. Hoke — *Metallurgical Pub. Co.*, 362 p., \$5. A useful handbook for the jeweler, the dentist and the small refiner who wishes to recover precious metals found in jewelers' wastes, the odd bits of valuable metal in dental offices, and metal which can be recovered from any photographic laboratory.

*Science News Letter, April 27, 1940*

## FORESTRY

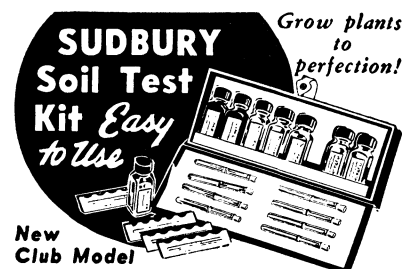
MEN AND TREES—Joseph Gaer—*Harcourt, Brace*, 118 p., \$1.25. The story of the conservation work of the U. S. Forest Service, briefly but adequately and vividly told. Particular stress is laid on the relation of tree conservation to soil and water conservation. Illustrations are exceptionally good.

*Science News Letter, April 27, 1940*

## BOTANY

DESERT WILD FLOWERS—Edmund C. Jaeger—*Stanford Univ. Press*, 322 p., \$3.50. A good book for the botanical student or the more serious amateur. Descriptions are brief and to the point, though not too technical, and the line illustrations are true to life. Intended, of course, for use in the Southwest.

*Science News Letter, April 27, 1940*



New Club Model

This easy-to-use kit shows the way to perfect lawns, prize-winning gardens. Helps you correct harmful acid or alkaline conditions and supply needed plant food elements now lacking in soil. No knowledge of chemistry required. Sturdy, handsome imitation leather case. 50 individual tests for nitrogen, phosphorus, potash, acidity. Complete instructions. Helpful chart.

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## PATON RANCH

Situated on a mountain stream in the foothills of the Big Horn Mountains. Here a limited number of guests are cordially welcomed.

It is a region of great geological and historical interest. Marine fossils, dinosaur bones and Indian implements are found nearby.

Guest cabins are comfortable and attractive. Food is good. The use of a saddle horse is included in the weekly rate.

Write for illustrated folder with map.

WILLIAM PATON

Shell

Wyoming

# • First Glances at New Books

Additional Reviews

On Page 271

## GEOGRAPHY

THE SOUTH AMERICAN HANDBOOK, 1940 (17th ed.)—Howell Davies, ed.—*H. W. Wilson*, 691 p., \$1. A very comprehensive guide, stocked with facts and figures for travelers. It includes Cuba, Central America and Mexico, besides South America. The editor says that despite war-time difficulties in gathering trade and commerce information, this edition is as detailed and up-to-date as any of the previous 16 editions.

*Science News Letter, April 27, 1940*

## BIOGRAPHY

SPEED BOAT KINGS, 25 Years of International Speedboating—J. Lee Barrett—*Arnold-Powers*, 143 p., \$2. The thrilling drama of speedboat racing is caught and excitingly told in this book.

*Science News Letter, April 27, 1940*

## ENGINEERING

ALTERNATING-CURRENT CIRCUITS—K. Y. Tang—*International Textbook Co.*, 438 p., \$4. The assistant professor of electrical engineering at Ohio State University here summarizes knowledge in this field for college students of the junior class in engineering schools. Mathematics through the calculus are a prerequisite of this book.

*Science News Letter, April 27, 1940*

## INVENTION

STORIES OF USEFUL INVENTIONS—S. E. Forman—*Appleton-Century*, 289 p., \$1.20. The kind of book that schoolboys, who will be future engineers and scientists, will read by the hour. An abundance of illustrations add to the interest which the book will have for everyone.

*Science News Letter, April 27, 1940*

## AERONAUTICS

SIMPLE AERODYNAMICS AND THE AIRPLANE (5th ed.)—C. C. Carter—*Ronald Press*, 510 p., \$4.50. A very thorough volume on airplanes and their aerodynamics by a colonel in the U. S. Army who teaches at West Point. This book is an excellent approach to the subject for students of college caliber.

*Science News Letter, April 27, 1940*

## ANTHROPOLOGY

THE ECONOMIC LIFE OF PRIMITIVE PEOPLES—Melville J. Herskovits—*A. A. Knopf*, 520 p., \$4.50. Learning from primitive cultures is a newer task for anthropology than the old-style aim of merely learning about them. Dr. Herskovits shows impressively what this new field offers, by comparing economies of

tribes the world over with economic concepts of our civilization. As the author points out: the need to compare the infinite possibilities open to human groups is acute in our day.

*Science News Letter, April 27, 1940*

## BIOLOGY

LIVING SPECIMENS IN THE SCHOOL LABORATORY—*General Biological Supply House*, 93 p., \$1. A manual for science teachers, giving practical directions for the maintenance of interesting (and hence educationally useful) animals with the aid of not-too-elaborate equipment. Possible school "zoos" range all the way from amoebae to armadillos.

*Science News Letter, April 27, 1940*

## BIOGRAPHY

CREATIVE PERSONALITIES, Vol. I, Vocations and Professions—Philip Henry Lotz, ed.—*Association Press*, 145 p., \$1.25. Inspirational biographies, including Burbank, the Mayo Brothers, John Dewey, David Livingstone, Lindbergh, Edison, and Millikan.

*Science News Letter, April 27, 1940*

## PHOTOGRAPHY

ELEMENTARY PHOTOGRAPHY—Gilford G. Quarles—*McGraw-Hill*, 350 pl., \$3. Comprehensive and practical for those who want a book not too simple and yet not too advanced. The author is assistant professor of physics at the University of Alabama.

*Science News Letter, April 27, 1940*

## CHEMISTRY

PROPERTIES AND NUMERICAL RELATIONSHIPS OF THE COMMON ELEMENTS AND COMPOUNDS (3rd ed.)—J. E. Belcher and J. C. Colbert—*Appleton-Century*, 350 p., \$2.

*Science News Letter, April 27, 1940*

## PHYSICS

THE CYCLOTRON—W. B. Mann—*Chemical Pub. Co.*, 92 p., \$1.50. A compact book of British origin which summarizes the invention and development of the cyclotron in readable form for the intelligent layman. The literature is surveyed through 1939.

*Science News Letter, April 27, 1940*

## GENETICS

THE PRINCIPLES OF HEREDITY (2d ed.)—Laurence H. Snyder—*Heath*, 452 p., \$3.50. New edition of a successful recent text in genetics.

*Science News Letter, April 27, 1940*

## GEOGRAPHY

HAMMOND'S SELF-REVISING WORLD ATLAS AND GAZETTEER—*Hammond & Co.*, 48 p., 25c. Keeping up with map changes now calls for ingenuity. This cardboard-back atlas provides sizable and clear maps of world countries, and shows how lines of Finland and Poland have shifted. For five cents and a coupon, the book owner can expect eventually to receive a supplement showing final effects of the war on the world map.

*Science News Letter, April 27, 1940*

## TRAVEL

101 AMERICAN VACATIONS FROM \$25 to \$250.—Horace Coon—*Doubleday, Doran*, 265 p., \$1.98. Like reading the price column of a menu card first, the reader of this book can start with his vacation price and fit the trip to that. Each trip is outlined with schedules and transportation and sights mentioned, and dollars and cents costs of everything dot every page.

*Science News Letter, April 27, 1940*

## CHEMISTRY

GENERAL COLLEGE CHEMISTRY—Joseph A. Babor and Alexander Lehrman—*Crowell*, 659 p., \$3.75. Chemistry as taught at the College of the City of New York. Current views of atomic structure are used to explain the physical and chemical properties of the elements.

*Science News Letter, April 27, 1940*

## AGRICULTURE—MATHEMATICS

MODERN AGRICULTURAL MATHEMATICS—Maurice Nadler—*Orange Judd Pub. Co.*, 315 p., \$2. A textbook intended for use in agricultural high schools. Problems are highly practical, ranging from the physics of a doubletree to calculation of interest on the mortgage.

*Science News Letter, April 27, 1940*

## OCEANOGRAPHY

THE WORLD UNDER THE SEA—B. Webster Smith—*Appleton-Century*, 230 p., illus., \$3. A popular, well illustrated account of oceanography: the world of the sea and the creatures that dwell therein. The writer is British, but the book, like the seas, is cosmopolitan.

*Science News Letter, April 27, 1940*

## ENGINEERING

REFUSE MATERIALS—*American Public Works Assoc.*, 44 p., 50c. Bull. No. 8. Things and materials nobody wants, and problems connected with their collection and disposal.

*Science News Letter, April 27, 1940*