

# •First Glances at New Books

Additional Reviews  
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## NUTRITION

**NUTRITION AND THE WAR**—Geoffrey Bourne—*Cambridge (Macmillan)*, 126 p., \$1. Written for British readers, who acutely need information about food and nutrition, this simple and clear book may also be used as a guide by Americans who are beginning to realize the importance of nutrition for defense. The tables giving the nature and composition of various foodstuffs have the great advantage of giving these facts in terms the housewife can understand. For example, one finds tea biscuits and jam tarts in the list as well as the fruits and vegetables, and besides giving some figures on amounts in each food of protein and carbohydrate and the like, the author rates the foods as good, very good, fair, and so on, as sources of vitamins, proteins, and other food constituents.

*Science News Letter, July 19, 1941*

## MEDICINE

**YOUTH LOOKS AT CANCER**, A Text Prepared for Colleges, Preparatory Schools, and High Schools—*Westchester Cancer Comm.*, 55 p., illus., 75c. Written with the idea that in the field of cancer control as in many other health fields, education in the schools will be carried into the homes with valuable results.

*Science News Letter, July 19, 1941*

## ZOOLOGY—PHYSIOLOGY

**THE COMPARATIVE PHYSIOLOGY OF RESPIRATORY MECHANISMS**—August Krogh—*Univ. of Penn. Press*, 172 p., illus., \$3.

*Science News Letter, July 19, 1941*

## BIOLOGY

**SPERMATOCYTES AND STERILITY**, A Clinical Manual—Abner I. Weisman—*Hoeber*, 314 p., illus., \$5.50.

*Science News Letter, July 19, 1941*

## MARINE BIOLOGY

**ISLAND HOLIDAY**—Alice Wright—*Stokes*, 296 p., illus., \$2. The story of a group of young folks who went out as assistants on an oceanographic expedition. A great deal of information about marine biology and kindred subjects is dispersed through the easy, chatty narrative.

*Science News Letter, July 19, 1941*

## BIOLOGY

**LIFE SCIENCE**, Based on High School Biology—Ralph C. Benedict, Warren W. Knox and George K. Stone—*Macmillan*, 682 p., illus., \$2. A text for use in high

schools, by three well-known biological educators. Particular attention is given to the significance of biological phenomena in human beings, and in the plants and animals of his immediate environment.

*Science News Letter, July 19, 1941*

## PALEOBOTANY

**THE UPPER TRIASSIC FLORA OF ARIZONA**—Lyman H. Daugherty and Howard R. Stagner—*Carnegie Inst. of Washington*, 108 p., 34 pl., \$1.25 paper, \$1.75 cloth. This flora seems to have been especially rich in ferns and cycads, although there are at least a few conifers and angiosperms.

*Science News Letter, July 19, 1941*

## PALEOBOTANY

**A MIOCENE FLORA FROM SHANTUNG PROVINCE, CHINA; Part I, Introduction and Systematic Consideration; Part II, Physical Conditions and Correlation**—Hsen Hsu Hu and Ralph W. Chaney—*Carnegie Institution of Washington*, 147 p., 57 pl., \$3.25 paper, \$3.75 cloth. Descriptions and excellent photographic illustrations of a most interesting fossil temperate-zone flora from northern China, including such familiar forms as birch, willow, hickory, oak and elm.

*Science News Letter, July 19, 1941*

## PSYCHOLOGY

**HUNGER FOR WHOLINESS, MAN'S UNIVERSAL MOTIVE**—Thomas H. Howells—*World Press*, 307 p., \$3. A philosophic discussion by the associate professor of psychology at the University of Colorado.

*Science News Letter, July 19, 1941*

## HISTORY—ECONOMICS

**THE FIGHT FOR THE PACIFIC**—Mark J. Gayn—*Morrow*, 378 p., \$3. One of America's foreign correspondents, a man who was born and grew up in the Far East, gives historic background of the situation there, and analyzes the present situation of Far Eastern prizes and America's stakes in Asia. "The Pacific Ocean today," writes Mr. Gayn, "is the setting for a bitter and portentous game of power politics."

*Science News Letter, July 19, 1941*

## PHILOSOPHY

**ELEMENTARY LOGIC**—Willard Van Orman Quine—*Ginn*, 169 p., \$2.25. A textbook from Harvard University.

*Science News Letter, July 19, 1941*

## BOTANY

**THE FLOWER FAMILY ALBUM**—Family Histories by Helen Field Fischer and portraits by Gretchen Fischer Harshbarger—*Univ. of Minn. Press*, 130 p., \$2.50. A sketch-book of flower families. Each family is depicted in a page of excellently done line drawings of representative genera, with a facing page of interesting description and comment. A beginner making intelligent use of this book will not only become acquainted with plants; he will get an understanding of systematic botany.

*Science News Letter, July 19, 1941*

## PSYCHOLOGY

**THE FACTORS OF THE MIND**, An Introduction to Factor-analysis in Psychology—Cyril Burt—*Macmillan*, 509 p., \$5. The author, who is professor of psychology at the University of London, disputes the idea that factor-analysis is abstruse and too specialized for any but advanced mathematicians, the dubious hobby of an esoteric school. He declares it to be "merely a refinement of a simple and very ordinary logical procedure." To aid the general reader, he has put in smaller type the "side-issues", supplementary illustrations and interpolated proofs, and suggests that these sections, at any rate on first perusal, be skipped or skimmed.

*Science News Letter, July 19, 1941*

## MILITARY SCIENCE

**AIR RAID PRECAUTIONS**—Reprinted by Permission of the Controller of His Britannic Majesty's Stationery Office—*Chemical Pub. Co.*, 257 p., \$3. The publishers have done their country a real service in bringing out this, the first American edition of a book that, in these troubled times, has (regrettably) a decidedly practical value even on this side of the ocean. It is a complete manual for ARP workers, covering all phases, from organization of basic personnel to details of combatting incendiary fires and gas decontamination.

*Science News Letter, July 19, 1941*

## BIOGRAPHY

**THE STORY OF CLARA BARTON OF THE RED CROSS**—Jeannette Covert Nolan—*Messner*, 281 p., illus., \$2.50. Inspirational biography dramatizing the life of the founder of the American Red Cross. A living story which will background the present activity of that great organization.

*Science News Letter, July 19, 1941*

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## PSYCHIATRY

A SHORT HISTORY OF PSYCHIATRIC ACHIEVEMENT—Nolan D. C. Lewis—*Norton*, 275 p., \$3. Not a complete history of psychiatry but an analytical review showing the development of modern trends of thought on the subject and where they are leading. Since one of these trends, in American psychiatry at least, is to increase the general physician's knowledge of psychiatric problems, this book might well be recommended to physicians generally as well as to those specializing in psychiatry.

*Science News Letter, July 19, 1941*

## ECONOMICS

STATISTICAL ATLAS OF SOUTHERN COUNTIES, Listing and Analysis of Socio-Economic Indices of 1104 Southern Counties—Charles S. Johnson and others—*Univ. of North Carolina Press*, 355 p., \$4. Of interest to sociologists, economists, educators and others concerned with problems of the South.

*Science News Letter, July 19, 1941*

## SOCIOLOGY

THUS BE THEIR DESTINY, The Personality Development of Negro Youth in Three Communities—J. Howell Atwood, Donald W. Wyatt, Vincent J. Davis and Ira D. Walker—*Amer. Council on Education*, 96 p., 75c. Prepared for the American Youth Commission.

*Science News Letter, July 19, 1941*

## PHOTOGRAPHY

THE AMATEUR PHOTOGRAPHER'S HANDBOOK—A. Frederick Collins; revised by Aaron Sussman—*Crowell*, 402 p., illus., \$2.50. A book of useful information for the camera enthusiast by the author of "how-to-do-it" books in a wide variety of fields.

*Science News Letter, July 19, 1941*

## MEDICINE

A MANUAL OF ALLERGY, For General Practitioners—Milton B. Cohen—*Hoeber*, 156 p., \$2. Technical information for the family physician that will allow him to keep up with the allergic procession.

*Science News Letter, July 19, 1941*

## ETHNOLOGY

INDUS VALLEY PAINTED POTTERY—Richard F. S. Starr—*Princeton Univ. Press*, 106 p., illus., \$3.50. Studying designs on painted ware of the Harappa culture, Dr. Starr finds as one point of importance that many motifs are com-

mon to Harappa and the prehistoric world west of India. These are pronounced an inheritance from more ancient cultures of Iran and the Tigris-Euphrates Valley. Detailed drawings of 174 sherds and design elements enable the reader to gauge the variety and styles of decorative design.

*Science News Letter, July 19, 1941*

## HISTORY

BOUNDARIES, POSSESSIONS, AND CONFLICTS IN CENTRAL AND NORTH AMERICA AND THE CARIBBEAN—Gordon Ireland—*Harvard Univ. Press*, 432 p., maps, \$4.50. A scholarly and factual account of international boundary disputes and adjustments and treaty relations, by a professor of law. In a previous volume, Prof. Ireland similarly reviewed South America's boundary history. The history of Caribbean and Atlantic islands comes in for special attention—important material now, in the light of naval and air base arrangements.

*Science News Letter, July 19, 1941*

## EXPLORATION

THE ANTARCTIC OCEAN—Russell Owen—*Whittlesey House*, 254 p., illus., \$3. Highlights of the discovery voyages of daring men who have gone down to the Far South for trade, adventure, science or just glory. Mr. Owen has selected for his book those particular voyages that definitely added to knowledge of the Antarctic, and he has thoughtfully provided good maps along with his illustrations to enable the reader to follow the voyagers.

*Science News Letter, July 19, 1941*

## MEDICINE

PHOTODYNAMIC ACTION AND DISEASES CAUSED BY LIGHT—Harold Francis Blum—*Reinhold*, 309 p., illus., \$6. Too technical for lay reading but medical scientists and workers in related fields will welcome this monograph which both reviews and attempts to synthesize various phases of work on this interesting subject.

*Science News Letter, July 19, 1941*

## EDUCATION

EDUCATION AND THE BOY SCOUT MOVEMENT IN AMERICA—Edwin Nicholson—*Teachers College, Columbia Univ.*, 117 p., \$1.60. Based on the author's experiences during ten summers as Boy Scout campmaster and subsequent study of educational theory.

*Science News Letter, July 19, 1941*

## PSYCHIATRY

CONDITIONED REFLEXES AND PSYCHIATRY—Ivan Petrovitch Pavlov; W. Horsley Gantt, trans. and ed.—*International Pub.*, 199 p., \$4. (Lectures on Conditioned Reflexes, Vol. II.) This volume contains lectures and some unpublished papers covering investigations by the great Russian physiologist during the last years of his life, a biographical sketch of those active years and a critical evaluation of both the scientist and his work.

*Science News Letter, July 19, 1941*

## GENERAL SCIENCE

JOSE TORIBIO MEDINA, His life and Works—Sarah Elizabeth Roberts—*H. W. Wilson Co.*, 192 p., \$1.50. North Americans taking any serious interest in South America's great men cannot go far without encountering Medina, whose 10 or more writing specialties included geography, history, science, bibliography. This well-arranged biography by a librarian takes 86 pages to tell Medina's life story from its many distinctive angles, and 100 pages to give a selected bibliography of his voluminous works.

*Science News Letter, July 19, 1941*

## ARCHAEOLOGY

THE GATES OF DREAMS, An Archaeological Examination of Vergil, *Aeneid* VI, 893-899—Ernest Leslie Highbarger—*Johns Hopkins Press*, 136 p., 8 pl., \$3. Explains the author's reasons for his conclusion that Vergil's two Gates of Dreams have historic meaning which has been overlooked. The Gate of Horns he finds to be an Oriental concept of great antiquity, and the Gate of Ivory to be probably a Mycenaean invention.

*Science News Letter, July 19, 1941*

## JUVENILE

REAL HEROES, No. 1—64 p., colored comics, 10 c. per copy, \$1. for 12 issues. CALLING ALL GIRLS, No. 1—64 p., colored comics, 10 c. per copy, \$1. for 12 issues, *Parents Institute, Inc.* (See *SNL* July 12, 1941.)

*Science News Letter, July 19, 1941*

## RADIO

RADIO ENGINEER'S POCKET BOOK (2d ed.)—F. J. Camm—*Chemical Pub. Co.*, 147 p., \$2.50. Though prepared in England, where radio is still called "wireless," this pocket-sized compilation of tables of various data should prove handy to experimenters in the United States.

*Science News Letter, July 19, 1941*