

• First Glances at New Books

Additional Reviews
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Embryology

THE STORY OF A BABY—Marie Hall Ets—*Viking Press*, 63 p., illustrated by author, \$2.50. "Mama, where do babies come from?" Embarrassing question No. 1 now has an answer in this picture book that mothers and fathers, scientists and children will love, and loving will understand. From "a life too small to be seen at all" to the baby's first smile, the growth of a baby is followed with correct, factual pictures and ungushing words. The idea for the book came to the author as she viewed the eager crush of people around exhibit of human embryos at Chicago's Century of Progress exhibition (remember Chicago had a world's fair in 1933 and 1934?). This book is one of its unforeseen benefits.

Science News Letter, October 7, 1939

Agriculture

SOUTHERN CROPS—Paul W. Chapman and Roy H. Thomas—*Turner E. Smith*, 558 p., \$2. A textbook specifically designed for use in Southern agricultural schools, embodying lessons of latest experiences in soil conservation, crop diversification, adaptation to existing and probable markets, etc. The objective is the education of "master farmers."

Science News Letter, October 7, 1939

Economics

EFFECTIVE RETAIL SELLING—Bernard F. Baker—*American Technical Society*, 287 p., \$2.25. Reading this guide to the mechanics and psychology of persuading the shopper to buy (and there are some 6,500,000 people in the USA engaged in retail store activities), one wishes that there were also effective hints for performing some of the other essential and perhaps routine tasks in this world.

Science News Letter, October 7, 1939

Geography

WALKING IN THE CLOUDS—Elmer C. Adams—*Arnold-Powers*, 86 p., \$1.25. An informal, easy-going account of a solitary hiker's trip over the Appalachian Trail through the Great Smokies.

Science News Letter, October 7, 1939

Ethnology

THE EYAK INDIANS OF THE COPPER RIVER DELTA, ALASKA—Kaj Birket-Smith and Frederica de Laguna—*Univ. of Penn. Press*, 591 p., 15 pl., \$6. Both archaeology and ethnology of these vanishing Indians are described, and their culture traits are analyzed in order to trace their heritage. They are found to be mainly a Northwest Coast culture

"with a somewhat old-fashioned stamp," and are believed to have occupied their coastal home for a very long period indeed.

Science News Letter, October 7, 1939

Aeronautics—Biography

SOARING WINGS, A Biography of Amelia Earhart—George Palmer Putnam—*Harcourt, Brace*, 294 p., \$2.50. Gallant, adventurous Amelia Earhart will not be forgotten by her friends or by the American public. Her husband tells of her life, not sadly, but entertainingly as she would have wished.

Science News Letter, October 7, 1939

Entomology—Forestry

PRINCIPLES OF FOREST ENTOMOLOGY (2d. ed.)—Samuel Alexander Graham—*McGraw-Hill*, 410 p., \$4. Since this book first appeared, ten years ago, there have been numerous advances in forest entomology, which have justified the preparation of a new and revised edition.

Science News Letter, October 7, 1939

Economics—Geography

INDUSTRIAL GEOGRAPHY—Charles E. Landon—*Prentice-Hall*, 811 p., \$4. With present concern over the role of resources in world affairs, up-to-date texts on economic geography have far more than academic interest. This volume, intended primarily for college students and business men, presents facts and figures and the significant underlying principles and conditions which explain them. The United States is given 23 chapters of detailed analysis; foreign countries or regions receive a chapter apiece.

Science News Letter, October 7, 1939

Zoology

PROTOZOLOGY (2d. ed.)—Richard Roksbro Kudo—*C. C. Thomas*, 689 p., \$6.50. This new edition takes advantage of progress in protozoology, especially new discoveries and reclassifications, in the eight years since the appearance of the first edition.

Science News Letter, October 7, 1939

General Science

THE NEW WONDER BOOK OF KNOWLEDGE (Rev. ed.)—Henry Chase Hill, comp., and Will H. Johnston, ed.—*Winston*, 600 p., \$1.89.

Science News Letter, October 7, 1939

Aeronautics

HEROES OF THE AIR (Rev. ed.)—Chelsea Fraser—*Crowell*, 846 p., \$2.50. This edition is brought up to date, including the first commercial transatlantic flights in June of this year.

Science News Letter, October 7, 1939

Photography

MODERN PHOTOGRAPHY, The Studio Annual of Camera Art, 1939-40—C. G. Holme, ed.—*Studio*, 136 p., \$2.50 paper, \$3.50 cloth. A beautiful collection of photographs for which technical data are provided in the interest of those who take and develop pictures themselves. A color section is included.

Science News Letter, October 7, 1939

Geography—Entomology

TO THE LOST WORLD—Paul A. Zahl—*Knopf*, 268 p., \$2.75. The author went into the jungles of British Guiana to get live collections of the largest and fiercest ants in the world. He got them—also discovered a couple of towering waterfalls, had a few rather narrow escapes, and in general went through a highly exciting experience. His vivid account carries the reader right to the spot.

Science News Letter, October 7, 1939

Geology—Engineering

GEOLOGY AND ENGINEERING—Robert F. Legget—*McGraw-Hill*, 650 p., \$4.50. If our houses are not to be built upon the sands, the engineer must ever take counsel with the geologist. Better if he is something of a geologist himself. This comprehensive book makes the latter desirable alternative possible. It is well annotated.

Science News Letter, October 7, 1939

Hygiene

IS THERE A BABY IN THE HOUSE?—Eleanor Gale Carroll—*Doubleday, Doran*, 205 p., \$1.98. A great deal of helpful advice and common sense is delivered in breezy and amusing style in this book for young parents.

Science News Letter, October 7, 1939

Biography

HARDLY A MAN IS NOW ALIVE, The Autobiography of Dan Beard—Dan Beard—*Doubleday, Doran*, 361 p., \$3. At ninety, Dan Beard presents the world with his biography—the story of a very long, vividly colorful life. The book is crammed with incident and anecdote, and it is evident (if indeed any additional evidence is needed) that the old Scout Master has enjoyed every day of his sojourn on this planet.

Science News Letter, October 7, 1939

Physics

PHYSICS FOR SCIENCE STUDENTS—Harold C. Barker and Melvin R. Harkins—*Pitman*, 506 p., \$3.50. A textbook for second year college students, as taught at the University of Pennsylvania.

Science News Letter, October 7, 1939

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Economics

WHITE SETTLERS IN THE TROPICS—A. Grenfell Price—*American Geographical Soc.*, 311 p., \$4. Can Europeans successfully take a literal "place in the sun"—permanently colonize the tropics? Dr. Price examines the question in every tropical land in the world, in the light of both historical perspective and present-day economic, hygienic and other factors. The general conclusion is that it can be done—but only if the whites themselves labor with their hands. If there are exploitable colored populations, native or imported, degradation overtakes the poorer whites forced to compete with them, and degeneration and decay the owning and exploiting whites at the top.
Science News Letter, October 7, 1939

Chemistry

THE RAMAN EFFECT AND ITS CHEMICAL APPLICATIONS—James H. Hibben and Edward Teller—*Reinhold*, 544 p., \$11. Here is the most encyclopedic book on Raman spectra which has yet appeared. Written by leading workers in this field it will be "standard" for years to come. It is strictly a book for the expert.
Science News Letter, October 7, 1939

Sociology

PERSONNEL ENHANCEMENT IN SCHOOL AND INDUSTRY—John D. Beatty—*Pittsburgh Personnel Assoc.*, 21 p., 50c.
Science News Letter, October 7, 1939

Meteorology

AN ANALYSIS OF WINTER TEMPERATURES FOR ONE HUNDRED AND TWENTY CITIES—Clark M. Humphreys—*Carnegie Inst. of Tech.*, 36 p., 50c. This study is intended to be a basis for the selection of heating design temperatures.
Science News Letter, October 7, 1939

Physiology

HUMAN PHYSIOLOGY, A Textbook for High Schools and Colleges (8th. ed.)—Percy Goldthwait Stiles; Rev. by Gordon C. Ring—*Saunders*, 450 p., \$2.25.
Science News Letter, October 7, 1939

Botany

A REVISION OF BESLERIA—C. V. Morton—*Govt. Print. Off.*, 79 p., 15c.
Science News Letter, October 7, 1939

Climatology—Medicine

MEDICAL CLIMATOLOGY—Clarence A. Mills—*Thomas*, 296 p., \$4.50. Within recent years there has been a revival of interest in the effects of climate and weather on man's health and well-being. Dr. Mills is one of the modern pioneers

who have investigated the subject extensively. While his book is written primarily for the medical and public health professions, it will be interesting reading for the layman as well.
Science News Letter, October 7, 1939

Physiology

OUTLINE OF PHYSIOLOGY—William R. Amberson and Dietrich C. Smith—*Crofts*, 412 p., \$4. This book should serve admirably either as an introduction for beginning students of physiology or as a summary for those who have been unable to keep abreast of all the new developments in the field and wish to refresh and reorient their knowledge. The clear, fluent style makes for easy reading.
Science News Letter, October 7, 1939

Physics

PHYSIK FUER DAS STUDIUM AN TECHNISCHEN HOCHSCHULEN UND UNIVERSITAETEN UND ZUM GEBRAUCH IN DER PRAXIS—Paul Wessel—*Ernst Reinhardt, München*, 514 p., 4.90 RM.
Science News Letter, October 7, 1939

Technology

RAYON AND STAPLE FIBER HANDBOOK (3rd. ed.)—Herbert R. Mauersberger and E. W. K. Schwarz—*Rayon Hand-book Co.*, 832 p., \$4.50. For the expert in rayon production is this book giving a comprehensive summary of the subject.
Science News Letter, October 7, 1939

Autobiography—Engineering

MY 50 YEARS IN ENGINEERING—Embury A. Hitchcock in collaboration with Merrill Weed—*Caxton*, 277 p., \$3. A noted teacher looks back on his academic life and gives a cross section of a half century of engineering progress.
Science News Letter, October 7, 1939

Engineering

ELECTRICITY TO-DAY—T. B. Vinycomb—*Oxford Univ. Press*, 192 p., \$1.75. British popular book on electricity in layman's language. This is one of clearest and best written books in its field in many months.
Science News Letter, October 7, 1939

Archaeology

NEO-BABYLONIAN DOCUMENTS IN THE UNIVERSITY OF MICHIGAN COLLECTION—Ellen Whitley Moore—*Univ. of Mich. Press*, 71 p., 75 pl., \$2. Ninety-six cuneiform documents, dealing mainly with business transactions are copied here, and a transliteration and a translation are provided.
Science News Letter, October 7, 1939

Astronomy

THE GLASS GIANT OF PALOMAR—David O. Woodbury—*Dodd, Mead*, 368 p., \$3. The biography of the 200-inch telescope which will soon be mirroring the stars in California, written delightfully with an insight into the humanness of the scientists concerned. We need more such books making scientists live in flesh and blood for, as the author remarks, scientists do live even if they are scientists. Of necessity, much more than the 200-inch telescope itself is covered. This is the story of Hale and a large slice of American astronomy since the turn of the century.
Science News Letter, October 7, 1939

Housing

LAND, MATERIALS, AND LABOR COSTS—Jacob Crane, Frederick Bigger, Pierre Blouke, Theodore J. Kreps, Mercer G. Evans and George N. Thompson—*Govt. Print. Off.*, 101 p., 30c. (National Resources Comm. Housing Monograph Series, No. 3).
Science News Letter, October 7, 1939

General Science

THE MUSEUM IN AMERICA—Laurence Vail Coleman—*American Association of Museums*, Three vol., 730 p., \$7.50 per set. Convenient for handling, this new reference work on museums of the United States is in three volumes. In the first two, Mr. Coleman offers a critical study of various types of museum, their equipment, financing, policies, techniques, public relations, goals and limitations. The third volume lists 2,480 museums of various classes, and adds a list of early museums from Revolutionary days to 1850.
Science News Letter, October 7, 1939

Education—Nutrition

TEACHING NUTRITION IN BIOLOGY CLASSES—N. Eldred Bingham—*Teachers College, Columbia Univ.*, 115 p., \$1.85. "An experimental investigation of high school biology pupils in their study of the relation of food to physical well-being."
Science News Letter, October 7, 1939

Engineering

SIMPLE BLUEPRINT READING WITH PARTICULAR REFERENCE TO WELDING AND WELDING SYMBOLS OF THE AMERICAN WELDING SOCIETY—*Lincoln Electric Co.*, 141 mimeographed p., 50 c. (U. S.), 75c. (foreign). While designed primarily for the use of welders the instructions given in this book are valuable to other trades.
Science News Letter, October 7, 1939