

• First Glances at New Books

Additional Reviews
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GENERAL SCIENCE

EVERYDAY PROBLEMS IN SCIENCE (3d. ed.)—Wilbur L. Beauchamp, John C. Mayfield and Joe Young West—*Scott, Foresman*, 752 p., illus., \$1.72. A high school general science text. Interestingly, the frontispiece is a reproduction of newspaper and magazine headlines reporting science advances, an indication that the school today interprets and explains the world today and that the press is giving effective presentation of science.

Science News Letter, August 3, 1940

PHOTOGRAPHY

PORTRAIT PHOTOGRAPHY AS A CAREER—Juan C. Abel—*American Photographic Pub. Co.*, 335 p., illus., \$3. A practical book for the professional photographer by an English writer.

Science News Letter, August 3, 1940

JOURNALISM—SOCIOLOGY

BACKGROUNDING THE NEWS, The Newspaper and the Social Sciences—Sidney Kobre—*Twentieth Century Press*, 271 p., \$2. This book, of particular interest to the newspaper writer who wants to report news of the social sciences, will also appeal to scientists concerned with the problem of reaching the public with accurate presentations of their research.

Science News Letter, August 3, 1940

METEOROLOGY

CANADIAN POLAR YEAR EXPEDITIONS, 1932-33, Chesterfield Inlet, Meanook and Saskatoon, Vol. II—*Canada, Dept. of Transport, Air Services Branch, Division of Meteorological Services*, 185 p., \$5. Consists chiefly of tabulated terrestrial magnetic data, with notes and illustrations on aurorae.

Science News Letter, August 3, 1940

CHEMISTRY—PHYSICS

ELECTROCAPILLARITY, The Chemistry and Physics of Electrodes and Other Charged Surfaces—J. A. V. Butler—*Chemical Pub. Co.*, 208 p., illus., \$5. This book "deals with the potential differences at electrified interfaces, the origin and nature of the effects that arise therefrom, and with electrode equilibria and kinetics."

Science News Letter, August 3, 1940

CHEMISTRY

THE SYSTEMATIC IDENTIFICATION OF ORGANIC COMPOUNDS, A Laboratory Manual (2d. ed.)—Ralph L. Shriner and Reynold C. Fuson—*Wiley*, 312 p., \$2.75.

In this second edition of the work, the authors have been able to incorporate new developments in the identification of these compounds.

Science News Letter, August 3, 1940

PALAEONTOLOGY

FORAMINIFERA, Their Classification and Economic Use (3rd. ed.)—Joseph A. Cushman—*Harvard Univ. Press*, 535 p., illus., \$6. Geologists, and especially oil geologists, would be lost without their foraminifera, most useful of all key organisms in determining correlations. The success of this somewhat specialized book, now entering its third edition, is sufficient testimony to the importance of these organisms.

Science News Letter, August 3, 1940

ENGINEERING

SOIL MECHANICS AND FOUNDATIONS—Fred L. Plummer and Stanley M. Dore—*Pitman*, 473 p., illus., \$4.50. Though soils are the oldest of construction materials, and are still widely used in earth dams, foundations for various structures, etc., most reference books ignore them. In this work, the authors have clearly described the new methods of approach which have yielded a considerable amount of new knowledge concerning the subject.

Science News Letter, August 3, 1940

ENGINEERING

ELEMENTS OF STRENGTH OF MATERIALS (2d. ed.)—S. Timoshenko and Gleason H. MacCullough—*Van Nostrand*, 365 p., illus., \$3.25. This second edition of a well-known text used in many American engineering colleges, contains new material, such as an article on welded joints, a chapter on photo-elasticity and a discussion, in an appendix, of moment of inertia.

Science News Letter, August 3, 1940

MEDICINE

ESSENTIALS OF THE DIAGNOSTIC EXAMINATION—John B. Youmans—*Commonwealth Fund*, 417 p., \$3.

Science News Letter, August 3, 1940

BIBLIOGRAPHY

QUARTERLY BULLETIN OF CHINESE BIBLIOGRAPHY (English Ed), Vol. I, No. 1, March, 1940—*The National Library of Peiping, Kunming Office, Kunming, Yunnan, China*, quarterly, \$2 per year.

Science News Letter, August 3, 1940

HISTORY

WHO WAS WHEN? A Dictionary of Contemporaries—Miriam Allen de Ford—*Wilson*, \$4.75. This novel reference book tells when 8,825 of the world's famous folk lived, in the years from 500 B.C. to 1938 A.D. The outstanding feature of the book is its system of charting, whereby contemporaries appear on the same pages, classified according to 11 lines of achievement.

Science News Letter, August 3, 1940

MEDICINE

CARE OF POLIOMYELITIS—Jessie L. Stevenson—*Macmillan*, 230 p., \$2.50. A practical and authoritative book for public health and visiting nurses on the care of patients with infantile paralysis. The importance of proper care in preventing and lessening crippling and deformity in this disease is such that a book of this kind is extremely valuable for those in any way responsible for such care.

Science News Letter, August 3, 1940

MEDICINE

TRAPPING THE COMMON COLD—George Sanford Foster—*Revell*, 125 p., \$1.25. A physician gives, in simple terms for the layman, his views on how to avoid catching cold.

Science News Letter, August 3, 1940

ARCHITECTURE

THE RELIGIOUS ARCHITECTURE OF NEW MEXICO IN THE COLONIAL PERIOD AND SINCE THE AMERICAN OCCUPATION—George Kubler—*The Taylor Museum, Colorado Springs, Colo.*, 232 p., illus., \$5. Architecturally analyzed, churches where Indians and colonists worshipped in early New Mexico prove well worth study. Mr. Kubler writes fluently and expertly of the manner in which churches dominated town profiles, theatrical lighting of interiors, factors which produced the block-shaped mass effects of exteriors. Plans and photographs are numerous.

Science News Letter, August 3, 1940

AERONAUTICS

HEROES OF THE AIR (Rev. ed.)—Chelsea Fraser—*Crowell*, 874 p., illus., \$2.50.

Science News Letter, August 3, 1940

ECONOMICS

BULLETIN OF THE NATIONAL ASSOCIATION OF WOOL MANUFACTURERS, Vol. LXIX, Activities of the . . . Association . . . , Statistics of the Industry—*National Assn. of Wool Manufacturers*, 600 p., \$2.

Science News Letter, August 3, 1940

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ANATOMY—PHYSIOLOGY

HUMAN BIOLOGY—George Alfred Baitzell—*McGraw-Hill*, 621 p., illus., \$3.75. Departing from tradition in writing a college text on biology, Prof. Baitzell presents the subject "from the vantage ground of the most interesting and important organism in the world of life, namely, man." Besides the greater interest students will take in a text written from this angle, Prof. Baitzell believes that students coming to college today are fairly well prepared in general biology and need more advanced material than is available in many of the older college texts if their interest in the subject is to continue.

Science News Letter, August 3, 1940

GEOGRAPHY—PHILOSOPHY

PEAKS AND LAMAS — Marco Pallis — *Knopf*, 428 p., illus., \$5. Telling the story of two Tibetan expeditions, the author shifts from the initial goal of physical mountain climbing to explore the "uncharted glaciers and unclimbed ranges" of Hindu and Buddhist tradition. Among the most interesting chapters are those on Tibetan art, and the author's account of his own painting lessons in a monastery.

Science News Letter, August 3, 1940

ARCHAEOLOGY

THE DISCOVERY OF MAN—Stanley Casson—*Harper*, 339 p., illus., \$3. A readable history of archaeological and anthropological research, told by one of England's notable archaeologists. It explains why man has been slow to launch into the difficult task of re-discovering his own past.

Science News Letter, August 3, 1940

ARCHAEOLOGY

ARCHAEOLOGICAL STUDIES IN THE LA PLATA DISTRICT, Southwestern Colorado and Northwestern New Mexico—Earl H. Morris—*Carnegie Inst. of Washington*, 298 p., 321 pl., 77 text illus., \$5.50, paper; \$6.50, cloth. Following a clear summing up of Southwestern archaeology's major problems, Mr. Morris launches into an equally expert report on eight seasons of field work in one region, where a thousand years of habitation ended about 1300 A.D.

Science News Letter, August 3, 1940

ETHNOLOGY

THE SWAZI, An Ethnographic Account of the Natives of the Swaziland Protectorate—Brian Allan Marwick—*Cambridge (Macmillan)*, 320 p., \$4.25.

Knowledge of anthropology is a primary essential in native administration, declares this British government official. Taking his own prescription, he has gone into the field to make the first detailed study of the economic and sociological organization of the Swazi of South Africa, in whose region he served as an administrator for nine years.

Science News Letter, August 3, 1940

ARCHAEOLOGY

EXCAVATIONS AT SAN JOSE, BRITISH HONDURAS—J. Eric Thompson—*Carnegie Inst. of Washington*, 292 p., 33 pl., paper, \$3.50; cloth \$4. What appears to be a typical small center of Mayan civilization is described through five eras of its career. This "Maya Gopher City," as Dr. Thompson dubs it, imported quantities of pottery from other regions, but why it did so, and what it traded for clay wares, are economic points not yet cleared up.

Science News Letter, August 3, 1940

HISTORY

THE STORY OF THE PACIFIC—Hendrik Willem Van Loon—*Harcourt, Brace*, 387 p., illus., \$4. The discovery of the strange, colorful world of Pacific islands and shores, told with a discriminating choice of incidents and in Van Loon's highly readable style.

Science News Letter, August 3, 1940

HISTORY

THE MARCH OF THE BARBARIANS—Harold Lamb—*Doubleday, Doran*, 389 p., \$3.75. The story of ruthless hordes of the East that swept over civilizations and imposed dictatorships, long ago. Genghis Khan and his descendants affected the course of history, particularly shaping Russia, the author shows.

Science News Letter, August 3, 1940

HISTORY—GEOGRAPHY

INNER ASIAN FRONTIERS OF CHINA—Owen Lattimore—*American Geographical Society*, 585 p., maps, \$4. (American Geographical Society, Research Series, no. 21). With China struggling for survival, the historic background and geographic factors of the interior have important bearing on the Far Eastern situation. This study is comprehensive and enlightening.

Science News Letter, August 3, 1940

CHILD STUDY

STUDIES IN THE DEVELOPMENT OF YOUNG CHILDREN—Nancy Bayley—*Univ. of Calif. Press*, 45 p., 35c.

Science News Letter, August 3, 1940

PSYCHOLOGY

HOW TO OVERCOME STAMMERING — Mabel Farrington Gifford—*Prentice-Hall*, 169 p., \$2.25. The author, who was once a stammerer and is now chief of the Bureau for the Correction of Speech Defects and Disorders of California's Department of Education, is convinced that "the essential cause of stammering lies in an emotional maladjustment."

Science News Letter, August 3, 1940

PSYCHOLOGY

THE PERSONALITY STRUCTURE OF STUTTERING—James F. Bender—*Pitman Pub. Co.*, 189 p., \$2. This report of a research on college students reveals that stutters differ from those without speech defect in personality as well as anatomically, physiologically and psychologically. Mental hygiene for the stutterer is recommended.

Science News Letter, August 3, 1940

PSYCHOLOGY

WE CALL IT HUMAN NATURE—Paul Grabbe and Gardner Murphy—*Harper*, 120 p., \$2. A beautifully illustrated book presenting the elementary facts of psychology in a way easily understood and appreciated.

Science News Letter, August 3, 1940

ANTHROPOLOGY

ESSAYS IN HISTORICAL ANTHROPOLOGY OF NORTH AMERICA—*Smithsonian Inst.*, 600 p., plates, \$2. (Smithsonian Misc. Coll., Vol. 100) Published in honor of Dr. John R. Swanton, in celebration of his fortieth year with the Smithsonian Institution, these essays by his associates deal with broad problems of America's past. A bibliography of Dr. Swanton's publications, and an appreciation of his work by Dr. A. L. Kroeber round out the volume.

Science News Letter, August 3, 1940

HYGIENE

A COLLEGE TEXTBOOK OF HYGIENE (3rd. ed.)—Dean Franklin Smiley and Adrian Gordon Gould—*Macmillan*, 539 p., illus., \$2.50. This up-to-date text for college students includes chapters on costs of medical care, patent medicines, public health, and industrial hygiene.

Science News Letter, August 3, 1940

PSYCHOLOGY

BEYOND THE SENSES—Charles Francis Potter—*Doubleday, Doran*, 278 p., \$2.50. The author is convinced that telepathy is a scientific fact.

Science News Letter, August 3, 1940