

• First Glances at New Books

Additional Reviews
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General Science

100,000 WHYS—M. Ilin—*Lippincott*, 138 p., \$1.50. With this intriguing title, M. Ilin starts his readers on a trip around an ordinary room, telling them why the matches light, why the bread has a crust, why we wash with water, and so on. This Russian engineer-author writes books on science and history not only for Russian children but for factory workers and peasants and he does his explaining in so entertaining a manner that translating his books into English is becoming a regular custom. The drawings are by N. Lapshin, the original Russian illustrator of the book, and the translation is by Beatrice Kinkead.

Science News Letter, October 28, 1933

Geology

SYLLABUS AND LABORATORY MANUAL FOR GEOLOGY—Herbert P. Woodward—*Edwards Brothers, Inc., Ann Arbor*, 46 p., 14 pl., \$1.

Science News Letter, October 28, 1933

Child Training

SEX IN CHILDHOOD—Ernest R. Groves and Gladys Hoagland Groves—*Macaulay*, 247 p., \$3. Advice and information for parents of normal children.

Science News Letter, October 28, 1933

Psychology-Education

CHILD UPBRINGING AND THE NEW PSYCHOLOGY—Richard Amaral Howden—*Oxford Univ. Press*, 105 p., \$1. A pocket-size volume of advice for parents and teachers by a British author. It is written to inform and aid those who have been brought up on the truisms, "Spare the rod and spoil the child," "Children should be seen and not heard," and "The Battle of Waterloo was won upon the playing-fields of Eton."

Science News Letter, October 28, 1933

Education

MOLDERS OF THE AMERICAN MIND—Norman Woelfel—*Columbia Univ. Press*, 304 p., \$3. A critical review of the social attitudes of seventeen leaders in American education as judged by their writings and theorizings on education.

Science News Letter, October 28, 1933

Child Welfare

WHEN CHILDREN ARE INJURED IN INDUSTRY—Charles E. Gibbons, Chester T. Stansbury and Gertrude Folks Zimand—*National Child Labor Committee*, 43 p., 50c. Mrs. Zimand has prepared

this report of the investigations made by Mr. Gibbons and Mr. Stansbury of how children injured in industry have fared since their injury. The investigation so far covers only three states, Illinois, Wisconsin and Tennessee. Persons interested in either child welfare or industrial compensation problems will doubtless find the report valuable.

Science News Letter, October 28, 1933

Archaeology-Education

THE ORIENTAL INSTITUTE—James Henry Breasted—*Univ. of Chicago Press*, 455 p., \$3. In addition to being one of the twelve volumes of the University of Chicago Survey, this heavily illustrated volume is an admirable summary of the extensive work of the great research organization that has discovered so much about the past of man. It is therefore valuable for reading and reference by those who wish to participate intellectually in the Institute's successful endeavor to recover the lost story of the rise of man.

Science News Letter, October 28, 1933

Medicine

TEXTBOOK OF PHYSICAL THERAPY—Heinrich F. Wolf—*Appleton*, 409 p., \$5.50. Dr. Lewellys F. Barker has written the foreword and Drs. William Bierman, Adolph A. Lilien, Farel Jouard and Madge C. L. McGuinness have also contributed chapters. The growing use of physical therapy for treating diseases will make this authoritative book on the subject welcome to both general medical practitioner and specialist for whom it was written. Too technical for the layman, of course.

Science News Letter, October 28, 1933

Standards

A. S. T. M. STANDARDS OF TEXTILE MATERIALS—*American Society for Testing Materials*, 164 p., \$1.

Science News Letter, October 28, 1933

Zoology

THE LIFE HISTORIES AND ECOLOGY OF JACK RABBITS, *Lepus Alleni* and *Lepus Californicus SSP.*, IN RELATION TO GRAZING IN ARIZONA—C. T. Vorhies and W. P. Taylor—*Univ. of Arizona*, 118 p. Jackrabbits are not merely picturesque elements in the Western landscape, they are sometimes serious nuisances in that they get more than their share of the range grass. This bulletin discusses this economic aspect of their lives, along with general jackrabbit biology.

Science News Letter, October 28, 1933

Ethnology-Invention

MAN'S LONG CLIMB—Marion Florence Lansing—*Little, Brown* 154 p., \$1.75. Stories for children, about primitive and ancient men, women, and children and how they happened to learn to plant seed, to make wheels, to play music, and to do other things that improved their living. Conservative scientists might feel that some of the material has been over-simplified, since the origin of some of these advances is lost in prehistory and there is much difference of opinion as to how these things came about. However, the stories are nicely written. There are attractive illustrations by Ferdinand H. Horvath.

Science News Letter, October 28, 1933

Anthropology

THE AMERICAN ABORIGINES—Ten authors—*Univ. of Toronto Press*, 396 p., \$2.50. A feature of the Fifth Pacific Congress, this year, was the publication of this notable volume on major problems regarding America's aboriginal life. Naming a few of the papers included: N. C. Nelson discusses the antiquity of man in America in the light of archaeology. Erland Nordenskiöld writes on origin of Indian civilizations in South America, and H. J. Spinden takes the same subject with regard to Central America and Mexico. Diamond Jenness, editor of the volume, writes on the Eskimo, and W. A. Johnston on quaternary geology in relation to man's migration in North America.

Science News Letter, October 28, 1933

Medicine

LEADERSHIP IN MEDICINE—Lord Moynihan—*Oxford Univ. Press*, 48 p., \$1. An inspiring lecture delivered before the University of St. Andrews as fourth of the Walker Trust lectures on leadership; of interest chiefly to medical students and teachers.

Science News Letter, October 28, 1933

General Science

POPULAR SCIENCE TALKS—Edited by Ivor Griffith—*American Journal of Pharmacy*, 307 p., \$1.

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Economics

FEDERAL AND STATE LEGISLATION FOR UNEMPLOYMENT RELIEF AND NATIONAL RECOVERY, 1933—Marietta Stevenson and Lucy W. Brown—*Public Administration Service*, 19 p., 25c.

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General Science

THE ADVANCEMENT OF SCIENCE: 1933—*British Association for the Advancement of Science*, 264 p., 3s 6d. The practice of the British Association in bringing together each year the addresses delivered at its annual meeting provides a summary of science that is worthy of reading and preserving. The leading address in the volume is that on "Some Chemical Aspects of Life" by Sir Frederick Gowland Hopkins, President of the Association, and the American continent is represented by a botany section presidential address delivered by Prof. F. E. Lloyd of the University of Toronto.

Science News Letter, October 28, 1933

Geology

CAVERNS OF VIRGINIA—William M. McGill—*State Commission on Conservation and Development, Richmond*, 187 p., 48 pl., 23 fig., 4 tables, \$1, +25c. postage and handling charges. (Limited distribution). In Virginia's mountain-backbone there are many limestone caverns, some of them made safe for tourist crowds, others still reserved for the more agile and adventurous. Superb photographs and descriptions, chiefly of the developed caverns, are collected into this beautifully gotten-up book.

Science News Letter, October 28, 1933

Education

A WORK BOOK IN EDUCATIONAL PSYCHOLOGY—Harvey C. Lehman and Stuart M. Stoke—*Prentice-Hall*, 152 p., 80c. Each detachable page contains a problem, a list of questions, space for notes, and pertinent references. Intended to "give point and significance to the more formal textbook work."

Science News Letter, October 28, 1933

Sociology

BACCHUS BEHAVE!—Alma Whitaker—*Stokes*, 140 p., \$1.25. Hardly science in the sober sense of the word. Nor is it a treatise upon mythology of a past era. Sub-titled "the lost art of polite drinking" it may be that some scientists will, not many months hence, be interested in the idea, if not the book.

Science News Letter, October 28, 1933

Language

BASIC GERMAN FOR SCIENCE STUDENTS—M. L. Barker—*Heffer*, 164 p., 6s. While it is by all means desirable for every educated person to have a

literary as well as a utilitarian knowledge of the foreign languages he learns, the German imparted in conventional university courses leaves the graduate student lacking in certain essentials, notably in vocabulary, when he tries to apply the literary language to his special needs. For this reason textbooks like Dr. Barker's are highly valuable for the hopeful Ph.D. candidate.

Science News Letter, October 28, 1933

Zoology

NORTHWEST NATURE TRAILS—Herbert Sheldon Lampman—*Metropolitan Press, Portland, Ore.*, 289 p., \$3. A book of the beasts, birds, fishes and creeping things of Oregon and Washington, written in informal, discursive, frequently anecdotal style, but crammed with information and excellently illustrated.

Science News Letter, October 28, 1933

Archaeology

ANCIENT AZTALAN—S. R. Barrett—*Milwaukee Public Museum*, 602 p., 100 pl., \$7. It is doubtful that the Indian town known as Aztalan in Wisconsin has any connection with the Aztalan which tradition calls the ancestral home of the Mexican Aztecs. The idea is attractive but probably fanciful, Dr. Barrett tells us. Aztalan is important and interesting in its own right, as a town of the mound building Indians extraordinarily fortified by palisades twelve feet high with watch towers and entrance only by special gates. The Indian culture is pronounced an extension of the type found in the middle Mississippi region, as at Cahokia. The work of the Milwaukee Museum has preserved and discovered much valuable information about this remarkable old site, and this report brings together known facts, past and present.

Science News Letter, October 28, 1933

Radio

REPORT OF RADIO RESEARCH IN JAPAN—Radio Research Committee—*National Research Council of Japan*, 98 p.

Science News Letter, October 28, 1933

Physics

SMITHSONIAN PHYSICAL TABLES—Frederick E. Fowle—*Smithsonian Institution*, 622 p., \$3. The revision of the Smithsonian Physical Tables constitutes a scientific occasion. There are 871 tables in this eighth revised edition covering a very wide range as may be realized from the following sections: mathematical tables, physical constants, mechanical properties, densities, barometric tables, acoustics, aerodynamics, viscosity, vapor pressure, thermometry, melting and boiling points, thermal conductivities, expansion coefficients, specific heats, latent heats, heats of combustion, formation, etc., radiation, cooling by radiation, conduction, and convection, the eye and radiation, photometric tables, photographic data, spectrum wave lengths, indices of refraction, reflecting powers, transmissive powers, electro-motive forces, electrical resistance, wire tables, electrolysis, dielectric strength, dielectric constants, wireless telegraphy, magnetic properties, magneto-optic rotation, various magnetic effects, atomic data, atomic structure, atomic spectrum series relations and notations, radioactivity, X-rays, electron emission, meteorology, geodesy, geophysics, terrestrial magnetism, atmospheric electricity, astronomy, stellar motions, binary stars, variable stars, star clusters, nebulae.

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Religion—Philosophy

DOES SCIENCE LEAVE ROOM FOR GOD?—R. O. P. Taylor—*Cokesbury*, 246 p., \$1.25. The answer of the author, who is Vicar of Ringwood, Hants, is "yes." This is a book devoted primarily to religion.

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Psychology

HYPNOSIS AND SUGGESTIBILITY: AN EXPERIMENTAL APPROACH—Clark L. Hull—*Appleton-Century*, 416 p., \$3.75. A technical work formulating a scientific account of the major phenomena of hypnosis and suggestibility. Illustrated with many plates and diagrams.

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