

• First Glances at New Books

Additional Reviews
On Page 324

Population

POPULATION PRESSURE AND ECONOMIC LIFE IN JAPAN—Ryoichi Ishii—*Univ. of Chicago Press*, 259 p., \$3. Because of present conditions in the Orient, affecting as they must the entire world, the subject of this volume is of immense general interest. The high Japanese birth-rate and the lack of desire among the Japanese for migration make the population problem a serious one.

Science News Letter, May 14, 1938

Geology

GEOLOGY AND MINERAL DEPOSITS OF THE SNOWMASS MOUNTAIN AREA, GUNNISON COUNTY, COLORADO—John W. Vanderwilt—*Govt. Print. Off.*, 184 p., illus., maps, \$1. *Geol. Survey Bull.* 884. This report, written with a minimum of technical jargon and beautifully illustrated, is a valuable source of information about the wildly beautiful marble producing Snowmass Mountain area, for anyone interested in geology, mountaineering, or technical illustration.

Science News Letter, May 14, 1938

Physics

OUR PHYSICAL WORLD—Charles F. Eckels, Chalmer B. Shaver and Bailey W. Howard—*Sanborn*, 801 p., \$2.20. A textbook for high school students based not on the conventional outline-of-subject-matter-to-be-taught principle of education, but rather upon the integrated viewpoint-of-the-whole method that has received greater emphasis during recent years. It is therefore an interpretive book. The preface is written by L. Thomas Hopkins of Columbia University's Teachers College, where much of the new educational viewpoint has originated.

Science News Letter, May 14, 1938

Engineering

A STORY OF WATER—Augustus Pigman—*Appleton-Century*, 151 p., \$1.50. Here is the story of water in the life of everyday man through all the ages. Primarily it is intended for school children, but their parents, too, will find it interesting.

Science News Letter, May 14, 1938

Agriculture—Economics

BIBLIOGRAPHY ON LAND UTILIZATION, 1918-36—Comp. by Louise O. Bercaw and Annie M. Hannay under the direction of Mary G. Lacy—*Govt. Print. Off.*, 1508 p., \$1.50. U. S. Dept. of Agr. Misc. Pub. No. 284. Every one of the 7,343 items in this bibliography has been carefully selected and competently annotated;

it is not merely a list of references. Arranged geographically, more than half of the list covers land utilization in the United States, the balance, Africa to Yugoslavia. The author and subject index covers 218 pages. It is an invaluable aid to workers in economics, geography, agriculture and many other fields.

Science News Letter, May 14, 1938

Anthropology—Fiction

EASTWARD SWEEPS THE CURRENT: A SAGA OF THE POLYNESIAN SEAFARERS—Alida Sims Malkus—*Winston*, 394 p., \$2. An exciting, Tarzan-like tale of Samoan natives who set out, long ago, on a seafaring adventure and found themselves at length in the land of the Incas, on the Peruvian coast. The author has based her fiction story on the archaeological theory that such voyages to America may indeed have occurred occasionally.

Science News Letter, May 14, 1938

Photography

THE HISTORY OF MOTION PICTURES—Maurice Bardèche and Robert Brasillach—*Norton and Museum of Modern Art*, 412 p., \$4. An authoritative work giving the history of the growth of motion pictures as an art. Very little emphasis is placed on the technique of producing motion pictures.

Science News Letter, May 14, 1938

General Science

THE COLORADO MUSEUM OF NATURAL HISTORY: AN HISTORICAL SKETCH—Charles H. Hanington—*The Colorado Museum of Natural History*, 48 p., illus., 25 c.

Science News Letter, May 14, 1938

Biology

BIOLOGY FOR LIFE—Harold U. Cope and Edwin Lincoln Moseley—*College Entrance Book Co.*, 312 p., 96 c. Announced as a workbook and laboratory manual for use with any biology textbook.

Science News Letter, May 14, 1938

Agriculture

BIO-DYNAMIC FARMING AND GARDENING—Ehrenfried Pfeiffer—*Anthroposophic Press*, 22-p., \$2.25. The farming system proposed by the author stresses the use of organic fertilizers and hand cultivation. He is opposed to farm mechanization and claims that foods produced on mineral-fertilized soil are of inferior quality.

Science News Letter, May 14, 1938

Psychology

PSYCHOLOGY AND RELIGION—Carl Gustav Jung—*Yale Univ. Press.*, 131 p., \$2. The psychological studies of Dr. Jung led him to believe that religion is a natural force in man which can not be denied. This collection of lectures is not technical and can be read with interest by the layman as well as the psychologist.

Science News Letter, May 14, 1938

Fiction, Juvenile

JACQUES THE GOATHERD—Maribelle Cormack and William P. Alexander—*Appleton-Century*, 224 p., \$2. Life in the Alps, made very real and vivid by incarnation in the person of a boy tending his herd of goats, to whom come, besides the regular tasks of daily life, a share of dangerous and thrilling adventures.

Science News Letter, May 14, 1938

Horticulture

THE NORTHERN GARDEN—Daisy T. Abbott—*Univ. of Minnesota Press*, 94 p., 75 c. Month-by-month advice for garden planning and making, in chatty, casual style, kept down to pamphlet size.

Science News Letter, May 14, 1938

Natural History—Sports

THE BOY SCOUTS BOOK OF OUTDOOR HOBBIES—Franklin K. Mathiews, ed.—*Appleton-Century*, 248 p., \$2.50. Sports, woodcraft, natural history, gadgets—all the fascinating things that healthy boys like and that scouting enables them to do, condensed into one interesting, easy-to-read book, by the Chief Scout Librarian, B. S. A.

Science News Letter, May 14, 1938

Botany

FOREST PATHOLOGY—John Shaw Boyce—*McGraw-Hill*, 600 p., \$5. Usable as either text or reference book, this volume gets an astonishing amount of information into a moderate bulk. It arranges its treatment morphologically: diseases of roots, stems, leaves, seedlings, etc. Diseases of timber as well as those of living trees are discussed.

Science News Letter, May 14, 1938

Language

SECOND INTERLINEAR GERMAN READER—Meno Spann—*Univ. of North Carolina Press*, 120 p., 75 c. A simple but lively text, mostly narrative, with literal translations interlined in small type. It should prove a most effective teaching method.

Science News Letter, May 14, 1938

• First Glances at New Books

Additional Reviews

On Page 322

Photography

BRILLIANCE, — GRADATION — SHARPNESS, WITH THE MINIATURE CAMERA—Harry Champlin—*Camera Craft*, 160 p., \$25. This is a small book crammed with technical information written in clear, non-technical language. It is practical, and should appeal particularly to the amateur who is doing his own developing and printing.

Science News Letter, May 14, 1938

Physiology

THE FOUNDATIONS OF NUTRITION (3rd ed.)—Mary Swartz Rose—*Macmillan*, 625 p., illus., \$3.50. This authoritative text is not too technical to be read with profit by intelligent laymen. Colored illustrations add to this third edition.

Science News Letter, May 14, 1938

Biology

EMBRYONIC MOTILITY AND SENSITIVITY—W. Preyer; Trans. by G. E. Coghill and Wolfram K. Legner.—*Soc. for Research in Child Development*, 115 p., \$1.

Science News Letter, May 14, 1938

Archaeology

PREHISTORIC ANTIQUITIES OF INDIANA—Eli Lilly — *Indiana Historical Society*, 293 p., plates, \$5. Beautiful photography and an attractive volume first impress the reader. The text, with its well-written introduction on American prehistory, advances into more technical descriptions of mounds and relics of Indiana's Indian days. As a way of introducing readers to archaeology of a state, this would seem very successful.

Science News Letter, May 14, 1938

Zoology

FAUNAL RELATIONSHIPS AND GEOGRAPHIC DISTRIBUTION OF MAMMALS IN SONORA, MEXICO—William Henry Burt—*Univ. of Mich. Press*, 77 p., maps, 75 c.

Science News Letter, May 14, 1938

Biology

THE TREE SNAILS OF THE GENUS COCHLOSTYLA OF MINDORO PROVINCE, PHILIPPINE ISLANDS—Paul Bartsch—*Govt. Print. Off.*, 160 p., 26 plates, 35 c.

Science News Letter, May 14, 1938

General Science

THE CIVIC VALUE OF MUSEUMS—T. R. Adam—*American Association for Adult Education*, 114 p., 75 c. Discusses the educational values, for adults, in the museums of a city. There are some thought-provoking remarks in this book, for example: "Effective educational guidance

will never be achieved by any museum until the reception given to visitors corresponds to some extent with the purposes that led them to its halls."

Science News Letter, May 14, 1938

Engineering

DIESEL HAND BOOK, 5th ed.—Julius Rosbloom—*Diesel Eng. Inst.*, 720 p., \$5. A new, enlarged edition of a standard work for the Diesel engineer. It deals with Diesel engineering for land, marine, automotive, locomotive, aeronautical and portable installations.

Science News Letter, May 14, 1938

Radio

TELEVISION RECEPTION TECHNIQUE—Paul D. Tyers—*Pitman Pub. Corp.*, 144 p., \$4. A discussion of the problem from the radio engineer's viewpoint. The theory and practice of television receivers, including a number of tested circuits, is covered.

Science News Letter, May 14, 1938

Agriculture

WE FARM FOR A HOBBY—AND MAKE IT PAY—Henry Tetlow—*Morrow*, 200 p., \$2. This almost makes one wish to go out into the country and with the help of spare time and a hired man till the soil and reap the riches thereof.

Science News Letter, May 14, 1938

Historical Fiction

ROOM TO SWING A CAT: Being Some Tales of the Old Navy—Frederick J. Bell—*Longmans, Green*, 274 p., \$3. A stirring picture of the days of the old frigates; of customs and superstitions of sailors, duels, sea battles, and incidents of everyday routine depicted vividly.

Science News Letter, May 14, 1938

Psychiatry

A BIOLOGICAL APPROACH TO THE PROBLEM OF ABNORMAL BEHAVIOR—Milton Harrington—*Science Press*, 459 p., \$4. The author in seeking the psychological principles underlying mental disorder, found the psychoanalytic approach unsatisfactory. Here he offers a substitute. Dr. Harrington is psychiatrist for the Institution for Male Defective Delinquents, Naponoch, N. Y.

Science News Letter, May 14, 1938

Engineering

LOCATION OF AUTOMOTIVE DIESEL TROUBLES MADE EASY—Henley, chart, 50 c. Large scale chart showing the causes of various mechanical troubles, their location and their remedy.

Science News Letter, May 14, 1938

Meteorology

MOUNT WASHINGTON OBSERVATORY NEWS BULLETIN—*Mount Washington Observatory, Gorham, N. H.*, \$1 per year. A new publication, unpretentious in size and format, but packed with interesting information about the study of weather at one of the "weatheriest" spots in the world—the new observatory on top of Mount Washington in New Hampshire, where the Arctic comes south to spend the winter in the middle latitudes. Scientific material alternates with chatty personal news.

Science News Letter, May 14, 1938

Geology

THE STORY OF EARTHQUAKES AND VOLCANOES—Gaylord Johnson—*Julian Messner*, 144 p., \$2. Some processes of dynamic geology, graphically described for younger readers in language simple yet without annoying condescension. Diagrams show how fascinating and instructive models can be built to put the whole world into your hand and compress ages into minutes.

Science News Letter, May 14, 1938

Botany

A FIELD KEY TO THE MORE COMMON NON-WOODY VASCULAR PLANTS OF CENTRAL AND NORTHERN MINNESOTA—John B. Moyle—*Burgess*, 63 p., \$1. Although without illustrations, this multigraphed local flora will undoubtedly prove useful in the region for which it was designed.

Science News Letter, May 14, 1938

Geology

FUNDAMENTALS OF HISTORICAL GEOLOGY—Carl E. Dutton—*Burgess*, 158 p., \$2.90. A multigraphed textbook, illustrated mainly with black-and-white sketches and diagrams, in which usefulness from the teaching approach is particularly stressed.

Science News Letter, May 14, 1938

Eugenics

HEREDITY AND POLITICS—J. B. S. Haldane—*Norton*, 202 p., \$2.50. See page 316.

Science News Letter, May 14, 1938

Psychology

THE WISE CHOICE OF TOYS (2d ed.)—Ethel Kawin—*Univ. of Chicago Press*, 154 p., illus., \$1.50. This volume is considerably more than a list of approved toys; it contains advice on the supervision of play so that it will contribute to the mental, emotional and social development of the child.

Science News Letter, May 14, 1938