

• First Glances at New Books

General Science

RESEARCH, THE PATHFINDER OF SCIENCE AND INDUSTRY—T. A. Boyd—*Appleton-Century*, 319 p., \$2.50. If you want to know the spirit and method of those who are concerned with "that which can be," the investigators who are re-making our industries and our environment, this book will tell you. The author is one of the leaders in General Motors Corporation research division and he has dug into the question of what starts the wheels of science and invention with as much enthusiasm as he has tackled other problems of science.

Science News Letter, May 11, 1935

Chemistry

THE CHEMICAL FORMULARY, VOLUME 2—Ed. by H. Bennett—*Van Nostrand*, 570 p., \$6. Beginning with "Adhesive for Aluminum" and ending with "Spontaneous Combustion Reducer," there are thousands of recipes or formulae, many with patent numbers. An addition to, not a revision of, the earlier volume 1.

Science News Letter, May 11, 1935

Anatomy—Physiology

GUIDE TO THE HALL OF MAN—C. E. Cummings—*Buffalo Museum of Science*, 16 p., 15c. An illustrated guide to the new Cabana Hall of Man in the Buffalo Museum.

Science News Letter, May 11, 1935

Botany

BOTANY, PRINCIPLES AND PROBLEMS—Edmund W. Sinnott—*McGraw-Hill*, 526 p., \$3.50. A third edition of a botany textbook which has been very well received in American colleges and universities.

Science News Letter, May 11, 1935

General Science

ANNUAL REPORT OF THE DIRECTOR TO THE BOARD OF TRUSTEES FOR THE YEAR 1934—*Field Museum of Natural History*, 280 p., \$1.

Science News Letter, May 11, 1935

Botany

THE LICHEN FLORA OF THE UNITED STATES—Bruce Fink—*University of Michigan Press*, 426 p., 47 plates, \$4. The late Prof. Fink probably acquired a better knowledge of the lichens, those "flowers of the moon," than any of his contemporary botanists. The fruits of

his many years of taxonomic research on this too-little studied group have been gathered into a single volume of good descriptions, well keyed, and published posthumously by a former associate, Mrs. Volney Hedrick Jones. The book is sure of an eager welcome by botanists everywhere.

Science News Letter, May 11, 1935

General Science

SCIENCE BY OBSERVATION AND EXPERIMENT—Hanor A. Webb and Robert O. Beauchamp—*Appleton-Century*, 697 p., \$1.72. A general science text aimed at the junior high school student. It works on the now properly popular scheme of tying in the student's everyday experiences with basic scientific principles, and it also constantly keeps before the student's consciousness the scientific essentials of observation and experiment.

Science News Letter, May 11, 1935

Economics

AGRICULTURE'S INTEREST IN AMERICA'S WORLD TRADE—Division of Information, U. S. Dept. of Agriculture—*Government Print. Off.*, 22 p., 5c. A condensed exposition of the farmer's stake in foreign trade, in catechetical form.

Science News Letter, May 11, 1935

Natural History

BUTTERFLIES AND MOTHS OF AMERICA—Lillian D. Fazzini—95 p.; WILD FLOWERS OF AMERICA—Jane Harvey—95 p.; THE RED BOOK OF BIRDS OF AMERICA—Frank G. Ashbrook—95 p.; TREES YOU WANT TO KNOW—Donald C. Peattie—95 p.; *Whitman Publishing Co.*; price correction: 10c plus postage.

Science News Letter, May 11, 1935

Economics

CORPORATE PROFITS AS SHOWN BY AUDIT REPORTS—W. A. Paton—*National Bureau of Economic Research*, 151 p., \$1.25. "The average rate of earnings on total net assets as reported for all the corporations in the sample, for the entire period 1927-29, was 8.4 per cent.; the average profit rate on stockholders' equity was 9.2 per cent."

Science News Letter, May 11, 1935

Ethnology—Archaeology

FROM THE PYRAMIDS TO PAUL—By 21 authors; edited by Lewis Gaston Leary—*Thomas Nelson and Sons*, 306 p., \$3. In honor of the seventieth birthday of Prof. George L. Robinson, leading scholars in Biblical archaeology, theology, and related subjects have prepared this collection of essays. Prof. W. F. Albright offers his theory regarding the mysterious Horites of Palestine. Prof. George S. Duncan presents translations of the oldest immortality writings, from royal pyramids of Egypt. The evolution of books is traced by Prof. J. F. Lyons. And so on through 20 chapters, with an introductory chapter on Prof. Robinson's own career by Dr. Gilbert Wilson.

Science News Letter, May 11, 1935

Botany

WEEDS—W. C. Muenscher—*Macmillan*, 577 p., \$6. Much has been written, sometimes quite dramatically, about the insect enemies and fungus diseases that rob men of his crops. Less has been said about weeds, which are at least as important in the role of undesired guests at man's table. This book does a very satisfactory job from both botanical and agronomic viewpoints, telling in considerable detail, and with good line illustrations, what the principal weeds are and where they came from; telling also the most promising means for combating them.

Science News Letter, May 11, 1935

Botany

THE PLANT KINGDOM—William H. Brown—*Ginn and Co.*, 869 p., \$3.50. A textbook for college use, suitable for a full-year course, developed out of an earlier but briefer successful book by the same author.

Science News Letter, May 11, 1935

Scientific Biography

AMERICAN SCIENTISTS—C. J. Hylander—*Macmillan*, 186 p., \$2. Brief biographical sketches of 23 typical American men of science, all the way from Franklin and Bartram to Morgan and Urey.

Science News Letter, May 11, 1935

Science News Letter will secure for its subscribers any book or magazine in print which was published in the United States. Send check or money order to cover regular retail price (\$5 if price is unknown, change to be remitted) and we will pay postage in the U. S. When publications are free, send 10c. for handling. Address Book Dept., Science News Letter, 2101 Constitution Avenue, Washington, D. C.