

• First Glances at New Books

Population—Economics

OUR PROMISED LAND—Richard Neuberger—*Macmillan*, 398 p., \$3. The story of the Great Northwest today, where Bonneville Dam and Grand Coulee Dam are remaking the face of the land. Primarily, the recent economic, political and social history of the last great region in the continental United States toward which pioneering people are coming in a steady stream.

Science News Letter, November 5, 1938

Chemistry

A COURSE OF STUDY IN CHEMICAL PRINCIPLES (2nd ed.)—Arthur A. Noyes and Miles S. Sherrill—*Macmillan*, 554 p., \$5. An advanced chemistry text dealing with the laws and theories of chemistry from a quantitative standpoint. The book is designed for advanced undergraduate students and also for use in graduate schools.

Science News Letter, November 5, 1938

General Science

PROCEEDINGS OF THE INDIANA ACADEMY OF SCIENCE, VOL. 47—Paul Weatherwax, ed.—*Indiana Academy of Science*, 324 p., \$3.

Science News Letter, November 5, 1938

Botany

ALGAE: THE GRASS OF MANY WATERS—Lewis Hanford Tiffany—*Thomas*, 171 p., illus., \$3.50. See page 291.

Science News Letter, November 5, 1938

Horticulture

PLANTS FOR THE CONNOISSEUR—Thomas Hay—*Macmillan*, 180 p., illus., \$3. This book is botanically authoritative, but it is designed primarily for the critical lover of flowers. The species, listed in alphabetical order, are chosen primarily on the basis of uniqueness and beauty. The halftone illustrations, all full-page, are for the most part excellent.

Science News Letter, November 5, 1938

Physics

MAGNETISM AND ELECTRICITY—A. E. McKenzie—*Cambridge (Macmillan)*, 379 p., \$1.75. A British text meeting the requirements of school certificates. The book is a learning rather than a teaching manual.

Science News Letter, November 5, 1938

Agriculture

TO HOLD THIS SOIL—Russell Lord—*Govt. Print. Off.*, 123 p., illus., 45 c. U. S. Dept. of Agr., Misc. Pub. 321. This is a beautiful book, and a terrible one. Beautiful in the way it blends text and illustration to tell the story of soil

erosion, terrible in its quiet, unimpassioned indictment of us as a people for the wasting of our heritage. Yet it tastes of Isaiah rather than of Jeremiah, for it tells us that there is yet time for amendment, and it shows how this may be begun.

Science News Letter, November 5, 1938

Invention

MARCH OF THE IRON MEN: A SOCIAL HISTORY OF UNION THROUGH INVENTION—Roger Burlingame—*Scribner's*, 500 p., illus., \$3.75. The United States today rests upon a structure whose base is invention and scientific research. Mr. Burlingame tells American history by tracing the significance of invention.

Science News Letter, November 5, 1938

Agriculture

COMMERCIAL FERTILIZERS (2d ed.)—Gilbeart H. Collings—*Blakiston's*, 456 p., \$4. Four years have elapsed since the first edition of this useful reference book appeared, so the preparation of a new edition is timely.

Science News Letter, November 5, 1938

Chemistry

MODERN ASPECTS OF INORGANIC CHEMISTRY—H. J. Emeléus and J. S. Anderson—*Van Nostrand*, 536 p., \$9. A new text of British origin for graduate students in chemistry. The first chapter opening with atomic structure instead of the classical approach to organic chemistry, keynotes this complete work.

Science News Letter, November 5, 1938

Malacology

HANDBOOK FOR SHELL COLLECTORS (New ed.)—Walter F. Webb—*Pub. by Author, Rochester, N. Y.*, 291 p., illus., \$2.50. This book is exactly what it professes to be, a collector's manual, with no pretense at zoological content. One thing which beginners especially will appreciate is the fair market price given with each species.

Science News Letter, November 5, 1938

Natural History

WAYS OF THE VELD DWELLERS—H. W. D. Longden—*Warne*, 137 p., illus., \$2. Of animal books there are already plenty and of their making there seems to be no end. Yet here is an animal book that is a real novelty, for it tells of the lives of creatures (including men) in far-off South Africa—tells them in vivid, dramatic narrative form that will make it hard for any reader to put the book down unfinished.

Science News Letter, November 5, 1938

General Science

THE AUSTRALIAN JOURNAL OF SCIENCE—*Australian National Research Council, Sydney, Australia*, 2 shillings per copy; 12 shillings per year. A new bi-monthly issued by the Australian National Research Council under the auspices of the Australian and New Zealand Association for the Advancement of Science. It gives a record of scientific progress in those countries.

Science News Letter, November 5, 1938

Agriculture

PROPAGATION OF PLANTS—M. G. Kains and L. M. McQuesten—*Orange Judd*, 555 p., \$3.50. A book for the professional nurseryman and greenhouseman, but suitable also for the use of the serious amateur. Working methods are told in great detail, with plenty of pictures to make doubly sure you get it right.

Science News Letter, November 5, 1938

Technology

MODERN PLASTICS, Catalogue, Directory, October, 1938—*Modern Plastics*, 304 p., \$2. Sources of plastic products and the properties of these plastics.

Science News Letter, November 5, 1938

General Science

HANDBOOK FOR TEACHERS OF ELEMENTARY SCIENCE—Jack Hudspeth and Frances H. Hudspeth—*Steck*, 76 p., illus., 50 c. The place of science in school, even in the elementary grades, is now uncontested. Practical problems remain, however, on such things as fitting it into crowded curricula, method of presentation, cost of textbooks, etc. The present series, of which a text for one grade, its accompanying teacher's manual, and a general handbook are in hand, represents a thoughtful effort by a pair of experienced teachers to solve some of these problems. With condensed textual presentation and clear illustrations they give information, and then test it with searching questions. In the handbooks are many valuable suggestions for the teacher.

Science News Letter, November 5, 1938

General Science

ELEMENTARY SCIENCE. BOOK 6—Jack Hudspeth and Frances H. Hudspeth—*Steck*, 120 p., illus., 35 c.

Science News Letter, November 5, 1938

General Science

TEACHER'S MANUAL FOR ELEMENTARY SCIENCE. BOOK 6—Jack Hudspeth and Frances H. Hudspeth—*Steck*, 40 p. 35 c.

Science News Letter, November 5, 1938