

• First Glances at New Books

ENGINEERING

THE ST. LAWRENCE SEAWAY—F. N. Menefee—*Edwards Brothers, Inc.*, 325 p., \$2.50. A roundup in one volume of the complete story of man's attempt to link the Great Lakes with the Atlantic Ocean in a series of large canals that will take ocean-going vessels. The author gives you the history of the project, the climate and geology of the region, the Illinois waterway and its relation to the problem, the diplomatic correspondence and treaties, engineering problems and the economics of the proposed St. Lawrence waterway.

Science News Letter, May 18, 1940

PSYCHOLOGY

THE INVASION FROM MARS—Hadley Cantril, Hazel Gaudet and Herta Herzog—*Princeton Univ. Press*, 228 p., \$2.50. See p. 313.

Science News Letter, May 18, 1940

MATHEMATICS

REVIEWS AND EXAMINATIONS IN ALGEBRA—Oswald Tower and Winfield M. Sides—*Heath*, 175 p. \$1.20. Review algebra as prepared by teachers at Phillips Academy, Andover, Mass.

Science News Letter, May 18, 1940

CHEMISTRY

SEMIMICRO QUALITATIVE ANALYSIS—William Lloyd Evans, Alfred Benjamin Garrett and Laurence Larkin Quill—*Ginn*, 245 p., \$2. An excellent laboratory textbook for use with a college course on qualitative analysis, following the newer trends of using semimicro methods.

Science News Letter, May 18, 1940

AERONAUTICS

THE STORY OF FLYING—Archibald Black—*Whittlesey House*, 267 p., \$2.75. Here is a moving, stirring story of aviation from its early beginning down to its glorious present. Nearly everything that has happened in aviation is told in this book, and told well.

Science News Letter, May 18, 1940

RADIO

RADIO'S MASTER ENCYCLOPEDIA, Official Equipment Manual of the Radio Industry—*United Catalog Publishers*, \$2.50. What to buy and where to buy it in the field of radio. Classified and indexed.

Science News Letter, May 18, 1940

TECHNOLOGY—ECONOMICS

TECHNOLOGY AND LABOR, A Study of the Human Problems of Labor Saving—Elliott Dunlap Smith and Richmond

Carter Nyman—*Yale Univ. Press*, 222 p., \$2.50. From Yale University, investigators visited eighteen cotton mills at the time the "stretch-out" system was being installed, to study the human problems involved in such a technological change. Their report, admittedly subjective and lacking the statistical approach, should interest employers and workers alike as well as students of social questions.

Science News Letter, May 18, 1940

PSYCHOLOGY

MASTERING YOUR NERVES—Peter Fletcher—*Dutton*, 241 p., \$1.50. Intended as an aid to medical and clerical workers in dealing with certain ailing persons this little book is not, the author states, a psychological textbook and he makes "no apology for the fact that some of my explanations of mental phenomena are not to be found in the textbooks."

Science News Letter, May 18, 1940

PSYCHOLOGY

MINOR MENTAL MALADJUSTMENTS IN NORMAL PEOPLE—J. E. Wallace Wallin—*Duke Univ. Press*, 298 p., \$3. Based on original autobiographies of normal people who were just "a little bit odd" about something, this case book will be useful to those interested in promoting mental hygiene.

Science News Letter, May 18, 1940

SOCIOLOGY

OLD-AGE SECURITY, Social and Financial Trends—Margaret Grant—*Social Science Research Council*, 261 p., \$2.50. An analysis of the systems for old-age security as existing in foreign countries, with the purpose of throwing light on parallel problems in the United States.

Science News Letter, May 18, 1940

GENETICS

PEDIGREES AND CHECKERBOARDS—E. Fletcher Barrows—*Edwards Brothers*, 231 p., \$1.50. Problems in genetics, simply but practically presented as diagrammatic pedigree charts, for all sorts of organisms from fruit-flies and peas to cats and cows. Should have high value as a teaching device.

Science News Letter, May 18, 1940

ANTHROPOLOGY

THE PUZALLUP-NISQUALLY—Marian W. Smith—*Columbia Univ. Press*, 336 p., \$5. An anthropological study of an Indian culture of the Puget Sound region, made by tapping the memory of every available Indian from 68 years old to 80.

Science News Letter, May 18, 1940

ASTRONOMY

THE MASSES OF THE STARS, with a General Catalogue of Dynamical Parallaxes—Henry Norris Russell and Charlotte E. Moore—*Univ. of Chicago Press*, 236 p., \$3.50. This excellent monograph for the expert grew from a lecture on the masses of stars which Prof. Russell presented at the Harvard Tercentenary celebration.

Science News Letter, May 18, 1940

HORTICULTURE

PLANTING DESIGN—Florence Bell Robinson—*Whittlesey House*, 215 p., \$2.75. Many of us who make gardens have the urge-to-plant so strongly that we "just plant," regardless. But if we restrain our impatience a little, while we figure out what to plant and where to plant it, our efforts will bring much richer rewards. This book tells how.

Science News Letter, May 18, 1940

GEOGRAPHY

THE PHYSIOGRAPHIC PROVINCES OF NORTH AMERICA—Wallace W. Atwood—*Ginn*, 535 p., \$4.80. The great regions of this continent, seen in a masterly sweep and described so lucidly and vigorously that the reader sees through the eyes of the author. Geologists and geographers will understand their problems better for having gained an understanding of the underlying principles here outlined.

Science News Letter, May 18, 1940

BOTANY

ADAPTATION AND ORIGIN IN THE PLANT WORLD, I. Factors and Functions in Coastal Dunes—Emmet V. Martin and Frederic E. Clements—*Carnegie Inst. of Washington*, 107 p., 5 pl., 50c. Results of autecological studies on California dunes, that have high potential value for the light they throw on other botanical disciplines, such as taxonomy, morphology and phylogeny.

Science News Letter, May 18, 1940

ANTHROPOLOGY

ACCULTURATION IN SEVEN AMERICAN INDIAN TRIBES—Ralph Linton, ed.—*Appleton-Century*, 526 p., \$4. Studies of the effects of white civilization on selected Indian tribes, and an analysis of the needs of such groups and ways in which they strive to fill these needs while substituting new culture elements for old. Seven authors contribute the tribal studies, and Prof. Linton adds discussion and conclusions.

Science News Letter, May 18, 1940