

• First Glances at New Books

MEDICINE

YOUR ALLERGY AND WHAT TO DO ABOUT IT—Milton B. Cohen and June B. Cohen—*Lippincott*, 176 p., \$1.50. An interesting, clear and somewhat cheering book about hay fever, asthma and all the other allergies. Clever pen and ink sketches enliven the beginning of each chapter.

Science News Letter, July 6, 1940

CHEMISTRY

A TEXT-BOOK OF HEAT, Part I—H. S. Allen and R. S. Maxwell—*Macmillan*, 541 p., \$3.25. This British text is designed to fill a place between an elementary textbook and a comprehensive treatise. It makes splendid use of the historical method of approach.

Science News Letter, July 6, 1940

GENERAL SCIENCE

SCIENCE FOR NEW YORKERS—Alexander Joseph and Franklin B. Carroll—*Winston*. 7A, Air—Water, 166 p., \$1; 7B, Food—Sun—Energy, 159 p., \$1; 8A, Weather—Reproduction, 170 p., \$1.08; 8B, Astronomy—Bacteria—Communication—Transportation, 202 p., \$1.08; 9A, Air—Water—Food—Sun—Energy, 334 p., \$1.12.

Science News Letter, July 6, 1940

BOTANY

THE EVOLUTION OF THE LAND PLANTS (EMBRYOPHYTES)—Douglas Houghton Campbell—*Stanford Univ. Press*, 731 p., illus., \$6.50. An ambitious and exhaustive treatment of land plant phylogeny, from the point of view of morphology. The text is thorough and as complete as possible in a one-volume work, the chapter bibliographies well selected. Quality of printing in the illustrations leaves something to be desired.

Science News Letter, July 6, 1940

METEOROLOGY

THE 11-YEAR AND 27-DAY SOLAR PERIODS IN METEOROLOGY—H. Helm Clayton—*Smithsonian Inst.*, 20 p., illus., 15c. (*Smithsonian Misc. Coll.*, vol. 99, no. 5) See page 8.

Science News Letter, July 6, 1940

BIOLOGY

BIOLOGICAL SYMPOSIA, Vol. I—Jaques Cattell, ed.—*Jaques Cattell Press*, 238 p., \$2.50. Highly successful features of recent meetings of the American Association for the Advancement of Science have been symposia in which leading research workers have participated, bringing

down to date information about their own work and that of outstanding colleagues. In this first volume are collected three symposia: The Cell Theory, Mating Types and their Interactions in the Ciliate Infusoria, and Chromosome Structure.

Science News Letter, July 6, 1940

EDUCATION

THE CHICAGO COLLEGE PLAN—Chauncey Samuel Boucher; rev. and enl. by A. J. Brumbaugh—*Univ. of Chicago Press*, 413 p., \$3. A revision after five years of the report on the educational technique inaugurated at the University of Chicago in 1931.

Science News Letter, July 6, 1940

ORNITHOLOGY

THE BIRDS OF BUCKEYE LAKE, OHIO—Milton B. Trautman—*Univ. of Mich. Press*, 466 p., 15 plates, 2 maps, \$2.50. (Museum of Zoology, Misc. Pub., no. 44)

Science News Letter, July 6, 1940

CHEMISTRY

CHEMISTRY IN WARFARE, Its Strategic Importance—F. A. Hessel, M. S. Hessel and Wellford Martin—*Hastings House*, 164 p., illus., \$2. Here is a most timely book, that gives a concise, but complete account of the way chemical industry aids in war and the methods by which chemists protect and sustain both the fighting forces and civilians.

Science News Letter, July 6, 1940

GENETICS—SOCIOLOGY

HEREDITY AND SOCIAL PROBLEMS—L. L. Burlingame—*McGraw-Hill*, 369 p., \$3.50. A serious effort to apply principles of genetics to the problems of sociology—which is not the easiest task in the world, considering the complexity of the phenomena in both fields, and the degree to which some of the earlier eugenics doctrine became cluttered with gratuitous assumption and downright faddism.

Science News Letter, July 6, 1940

CHEMISTRY

TEXTILE TESTING, Physical, Chemical and Microscopical—John H. Skinkle—*Chemical Pub. Co.*, 267 p., illus., \$3. The tests given here might be used either by the consumer, who wished to check the quality of the textiles used in his clothing, or by the merchant. The book is modern enough to include tests for nylon.

Science News Letter, July 6, 1940

CHEMISTRY

THE NATURE OF THE CHEMICAL BOND AND THE STRUCTURE OF MOLECULES AND CRYSTALS (2d ed.)—Linus Pauling—*Cornell Univ. Press*, 450 p., \$4.50. In 1937-38 Dr. Pauling held the George Fisher Baker Lectureship at Cornell. His lectures were published in the first edition of this work. In the second edition he has included references to recent work, especially in the field of modern structural chemistry, which has made progress in the determination of the structures of a number of interesting molecules and crystals.

Science News Letter, July 6, 1940

POLITICAL SCIENCE

PUBLICITY AND DIPLOMACY, With Special Reference to England and Germany, 1890-1914—Oron James Hale—*Appleton-Century*, 486 p., illus., \$4. While another epoch or two has passed since the period covered by this book, with the need of a volume or two to cover these more recent times, there are backgrounds to 1940 presented in this study of how diplomatic finesse was displaced by modern propaganda.

Science News Letter, July 6, 1940

ECONOMICS

TRANSPORTATION, Economic Principles and Practices—Emory R. Johnson, Grover G. Huebner and G. Lloyd Wilson—*Appleton-Century*, 678 p., maps, \$4. Three professors in the Wharton School of the University of Pennsylvania have here produced an up-to-date and authoritative study of the economics and business of the transportation industry, including railroad, pipe-line, air, water and highway. Though designed for college text, it should be of great value to anyone interested in transportation problems of the present.

Science News Letter, July 6, 1940

PHYSICS

MAGNETISM AND VERY LOW TEMPERATURES—H. B. G. Casimir—*Cambridge (Macmillan)*, 93 p., \$1.40. By magnetic methods it has been possible to obtain temperatures of only a small fraction of a degree in the Kelvin scale. In this revision of a series of lectures he gave at Cambridge University in 1938, the technical points are discussed by a physicist from the Kamerlingh Onnes Laboratory of the University of Leiden, where the most important low temperature research has been carried out.

Science News Letter, July 6, 1940