

• First Glances at New Books

ORNITHOLOGY

THE AUDUBON GUIDE TO ATTRACTING BIRDS—John H. Baker, ed.—*Doubleday, Doran*, 268 p., illus., \$2.50. This book constitutes a complete manual for the bird-lover who wants to make sure of having feathered neighbors. It goes into all imaginable angles of attracting birds, tells what kinds of food-bearing shrubs to plant, shows how to build and equip bird houses and feeding trays, gives practical hints on the use of water as an attractant, suggests what can be done by way of insurance against over-aggressive predators—especially those of the two-legged variety. The book is liberally sprinkled throughout with the salt of common sense.

Science News Letter, May 24, 1941

HORTICULTURE

GARDENING FOR YOUNG PEOPLE—M. G. Kains—*Greenberg*, 280 p., illus., \$1.50. A gardening book for boys and girls, that shows how much fun there is in helping plants to grow. Anyone who reads (and then puts into practice) all the chapters will be able to qualify as a really accomplished gardener.

Science News Letter, May 24, 1941

ECONOMICS

APPLIED BUSINESS FINANCE (5th ed.)—Edmond E. Lincoln—*McGraw-Hill*, 948 p., \$4.50.

Science News Letter, May 24, 1941

BIOLOGY

THE BEGINNINGS OF SOCIAL BEHAVIOR IN UNICELLULAR ORGANISMS—Herbert S. Jennings—*Univ. of Penn. Press*, 17 p., 25c. (See *S.N.L.*, Sept. 28, 1940, p. 197.)

Science News Letter, May 24, 1941

AERONAUTICS

FLIGHT, A General Survey of Fundamentals of Aviation — Bailey Wright, James J. Smiley, Jr., Rex Martin and others—*Amer. Tech. Soc.*, illus., \$2.50. The relation of air travel to older means of transportation, a glossary of aeronautical terms, a concise history of aviation, as well as the principles of aerodynamics, and an exploration of what keeps an airplane up, are among the many fundamental points covered in this interesting book.

Science News Letter, May 24, 1941

GEOGRAPHY—GEOLOGY

TEN GREAT MOUNTAINS—R. L. G. Irving—*Dutton*, 213 p., illus., \$3.75. A British writer chooses for pen portraits ten outstanding mountains which have

become great, as human personality does, by influencing thoughts, words and actions of mankind. Representing America is Alaska's Mount Logan. Adventures and difficulties of getting acquainted with each of the ten are vividly described.

Science News Letter, May 24, 1941

AERONAUTICS

FLIGHT, Construction and Maintenance—Bailey Wright, W. E. Dyer, Rex Martin and others—*Amer. Tech. Soc.*, illus., \$2.50. Just as important as anyone to the safe and efficient operation of the airlines are those unseen workers who keep the ships in first class condition. This book, one of a series intended either for classroom use or home study, covers such essential points in their training as blueprint reading, oxy-acetylene welding, rigging the airplane and the airplane propeller.

Science News Letter, May 24, 1941

HORTICULTURE

THE GLADIOLUS—Forman T. McLean—*Whittlesey House*, 197 p., illus., \$2. All about the planting and care of one of the loveliest of summer garden flowers.

Science News Letter, May 24, 1941

CHILD STUDY

THE DOCTOR AND THE DIFFICULT CHILD—William Moodie—*The Commonwealth Fund*, 214 p., \$1.50. The medical director of the London Child Guidance Clinic provides this book for physicians and laymen written in non-technical language.

Science News Letter, May 24, 1941

PSYCHOLOGY

THE ADOLESCENT PERSONALITY, A Study of Individual Behavior—Peter Bloss—*Appleton-Century*, 517 p., \$3. The report of an investigation by the Commission on Secondary School Curriculum. A major part of the book is devoted to case studies.

Science News Letter, May 24, 1941

ECONOMICS

VOCATIONAL AND OCCUPATIONAL GUIDANCE—Reese Edwards—*Chemical Pub. Co.*, 117 p., \$1.50. A book of British origin.

Science News Letter, May 24, 1941

MEDICINE

THE MARCH OF MEDICINE—New York Academy of Medicine—*Columbia Univ. Press*, 154 p., \$2. (Lectures to the Laity, 1940)

Science News Letter, May 24, 1941

ECONOMICS

EUROPE'S TRADE, A Study of the Trade of European Countries with Each Other and with the Rest of the World—League of Nations—*Columbia Univ. Press*, 116 p., \$2. This special study replaces the annual "Review of World Trade" which the League of Nations in pre-war times published annually. It analyzes in tables and charts the foodstuffs and raw materials which Europe imported and exported before war broke out and describes trends. Relating to the past, this information is significant for the present, the preface writer points out. A complementary volume is expected to follow, dealing with trade of other continents.

Science News Letter, May 24, 1941

MATHEMATICS

INTRODUCTION TO THE THEORY OF EQUATIONS—Nelson Bush Conkwright—*Ginn*, 214 p., \$2. A college text book which is intended for students who have completed a first course in the calculus, though in only a few sections is knowledge of the calculus actually required.

Science News Letter, May 24, 1941

CHEMISTRY

THE SEPARATION OF GASES—M. Ruhemann—*Oxford Univ. Press*, 283 p., \$5.75. Separation of gases has many practical applications. This new book covers the general theories, and also recent important technical advances, particularly in Russia, which have not until now been available in English.

Science News Letter, May 24, 1941

ENGINEERING

HEATING, VENTILATING, AIR CONDITIONING GUIDE, 1941, Vol. 19—*Amer. Soc. of Heating and Ventilating Engineers*, 1236 p., illus., \$5. As in the previous 18 editions of this work—a "must" for superintendents of air-conditioned buildings—most of the chapters have been reviewed or rewritten, while Chapter I, "Thermodynamics of Air and Water Mixtures," is entirely new.

Science News Letter, May 24, 1941

PHYSICS

SURFACE TENSION AND THE SPREADING OF LIQUIDS—R. S. Burdon—*Cambridge (Macmillan)*, 85 p., illus., \$1.75. This newest of the useful series of "Cambridge Physical Tracts" deals with a subject that is becoming increasingly important, for example, in connection with the methods of making non-reflecting films on glass.

Science News Letter, May 24, 1941