

FIRST GLANCES AT NEW BOOKS

ATOMS, MOLECULES AND QUANTA—Arthur Edward Ruark and Harold Clayton Urey—*McGraw-Hill*, 790 p., \$7. To those who have been unable to keep up with the rapid march of physics this extensive study of atomic and molecular structure will prove useful indeed. With relatively simple exposition of the new ideas in physics there is combined detailed and up-to-date accounts of the latest theories and the most important experimental researches in the field.

Physics

Science News-Letter, June 7, 1930

THE NORMAL DIET—W. D. San- sun—*Mosby*, 134 p., \$1.50. The third edition of a popular handbook designed for physicians and patients. The arrangement is slightly different in this edition and there is additional material in the chapter giving sample menus for the normal diet.

Hygiene

Science News-Letter, June 7, 1930

FACTS AND FIGURES ABOUT STEEL CONSTRUCTION—*American Institute of Steel Construction*, 126 p., 50c. An encyclopedia of interesting information about steel and its use in construction.

Engineering

Science News-Letter, June 7, 1930

THE USE OF THE MICROSCOPE—John Belling—*McGraw-Hill*, 315 p., \$4. This handbook should be very useful to all who use a microscope, whether in routine laboratory procedures or in research work. Each part of the microscope is discussed. Practical directions are given for the care and use of the instrument, for photography and drawings, and for the preparation of microscopic objects. There are a glossary and a bibliography also.

Microscopy

Science News-Letter, June 7, 1930

MASTERING A METROPOLIS—R. L. Duffus—*Harpers*, 292 p., \$3. A popular presentation of the results of the million dollar scientific study that will make New York of 1965, with its greatly increased population, a region less congested and more beautiful than it is today. Many features of the planned Greater New York of the future will be found applicable to other metropolitan areas. Every civic-minded person who lives in or near a big city should read this book.

City Planning

Science News-Letter, June 7, 1930

BREAD—Harry Snyder—*Macmillan*, 275 p., \$2.50. This is the story of Prof. Harry Snyder, a man who added much to the world's knowledge of agricultural chemistry and in so doing performed a great public service—and found romance. Several of his many magazine articles are included. They entertainingly tell the chemistry of wheat, flour, and bread.

Chemistry

Science News-Letter, June 7, 1930

TEPOZTLAN—Robert Redfield—*Univ. of Chicago Press*, 247 p., \$3. The author and his wife have done for a typical Mexican village community what the Lynds did for an American community in Middletown. They chose a peripheral rather than a central location, to be removed from the urban shadow of Mexico City, and lived among the people of Tepoztlán for a year. Their point of view therefore is that of scientifically trained observers living as close neighbors and getting as far into their economic, social and religious life as it is possible for aliens to penetrate. Persevering studies by this method will do much toward the solution of immigration and other border problems, if only our lawmakers will pay some attention to them instead of relying on their own snap judgments or listening to the prejudices of their meagerly informed constituents.

Ethnology

Science News-Letter, June 7, 1930

THE PRE-SCHOOL CHILD AND HIS POSTURE—Frank Howard Richardson and Winifred Johnson Hearn—*Putnam*, 220 p., \$2.50. The authors describe the great prevalence of faulty posture in pre-school children, advance a few theories regarding it, and, most important of all, describe exercises or games which children will like as well as benefit from. The book is well illustrated.

Hygiene

Science News-Letter, June 7, 1930

MERCK'S INDEX—*Merck and Co.*, 585 p., \$5 (\$2.50 to members of medical, chemical, pharmaceutical and allied professions). The fourth, carefully revised edition of an extremely useful encyclopedia of drugs and chemicals. This is the first edition since before the World War. The scope of the book is not restricted to Merck products.

Chemistry

Science News-Letter, June 7, 1930

THE NEW EVOLUTION: ZOOGENESIS—Austin H. Clark—*Williams and Wilkins*, 297 p., \$3. Mr. Clark here sets forth, with greater elaboration and illustration, the thesis which he has previously proposed in scientific periodicals. Basically it is that the critical characters that differentiate the animal kingdom into phyla are relatively few in number; that they manifested themselves early in evolutionary history, and comparatively suddenly as well; and that in their long subsequent independent deployment the phyla have further differentiated their subdivisions by analogous process, the saltations becoming less and less pronounced in the course of time and with the development of the finer branches on the systematic tree. Much of Mr. Clark's doctrine is not at all orthodox, but he defends it with great resourcefulness and skill.

Evolution

Science News-Letter, June 7, 1930

THE BEHAVIOR OF YOUNG CHILDREN, VOLUME II, DRESSING—TOILET WASHING—Ethel B. Waring and Marguerite Wilker—*Scribner*, 151 p., \$1. This "Series on Childhood Education" will eventually contain four volumes. Mothers will like the way in which they can apply the practical information in this little book to their own problems. The authors use the interesting devices of telling one brief incident after another and pointing each with a question, and also of giving brief quotations from various specialists on the subjects they wish to emphasize.

Education

Science News-Letter, June 7, 1930

FINGERFINS—Wilfred S. Bronson—*Macmillan*, 52 p., \$2. The story of the adventures of a quaint little fish that lived among the drifting gulfweed, most aptly yet most accurately told, in words and pictures that middle-sized children (and grown-up ones, too) will like. Of the many good nature books of this genus that have appeared during the past few years, this is easily one of the very best. The author-artist has already established himself as one who can on occasion look at the world from a fish's point of view, and in many happily conceived sketches in this volume he fairly surpasses himself.

Nature Study

Science News-Letter, June 7, 1930