

FIRST GLANCES AT NEW BOOKS

SCIENCE AND THE NEW CIVILIZATION—Robert A. Millikan—*Scribner's* (\$2). Eight stimulating essays by one of America's leading physicists are here gathered together into an attractive book. In the one on "Available Energy" he effectively dispels the fear that some human control over atomic disintegration might start a process which would not stop until our entire earth had vanished. "The great majority of the elements, such as constitute the bulk of our world, are in their state of maximum stability already," he declares. Some other chapters are on "The Last Fifteen Years of Physics," "Michelson's Economic Value" and "Alleged Sins of Science."

General Science

Science News-Letter, March 22, 1930

HANDBOOK OF CHEMICAL MICROSCOPY—Emile Monnin Chamot and Clyde Walter Mason—*Wiley* (\$4.50). Prof. Chamot, of Cornell, has probably done more than any other scientist to make the microscope an important instrument of the chemical laboratory. In this first volume of his new work he deals with the principles and use of the microscope and its accessories, and physical methods for the study of chemical problems. Volume II, in preparation, it is announced, will deal with chemical methods and inorganic chemical analysis.

Chemistry

Science News-Letter, March 22, 1930

WAVE MECHANICS—H. T. Flint—*Dutton* (\$1.25). A brief and authoritative discussion of the most recent developments of physics—the new method of approach to atomic problems called wave mechanics and based on conceptions of continuity.

Physics

Science News-Letter, March 22, 1930

PRINCIPLES OF RADIO—Keith Henney—*Wiley* (\$3.50). An exhaustive and thoroughly modern summary of the fundamentals upon which radio is based, containing valuable information for anyone who wants to know more of what makes the radio go.

Radio

Science News-Letter, March 22, 1930

THE TERMINOLOGY OF PHYSICAL SCIENCE—Duane Roller—*Univ. of Okla.* (\$1). A useful compilation of common physical terms and their meaning, as well as a list of scientific words commonly mispronounced.

Physics

Science News-Letter, March 22, 1930

PSYCHOLOGY NORMAL AND ABNORMAL—J. W. Bridges—*Appleton* (\$3.50). Medical students and full-fledged physicians are the audience to which this text book is addressed. It is unusual, in that it brings under one book cover both the normal psychological functions of the human being and also rather briefly the abnormalities arising from mental and nervous disorders. Both introspective and behaviorist viewpoints are considered.

Psychology

Science News-Letter, March 22, 1930

GEOLOGY: PHYSICAL AND HISTORICAL—H. F. Cleland—*American Book Co.* (\$3.60). A new edition of a textbook that has passed through two successful issues. The author is especially happy in his illustrative diagrams, and many of his photographs which are as clear as diagrams

Geology

Science News-Letter, March 22, 1930

TO BEGIN WITH—Raymond Pearl—*Knopf* (\$2). A new and revised edition of Prof. Pearl's stimulating "prophylaxis against pedantry."

General Science

Science News-Letter, March 22, 1930

THE LOWER TRIASSIC CEPHALOPOD FAUNA OF THE FORT DOUGLAS AREA, UTAH—Asa A. L. Mathews—*University of Chicago Press* (\$2). A monographic account of the coiled kin of the nautilus that once swam in the seas that are now the Great American Desert.

Paleontology

Science News-Letter, March 22, 1930

THE STARS—George Forbes—*Cape and Smith* (60c). A little book (118 pages) with a surprisingly large amount of stellar information, including Orion, the spectra, stellar motions and variable stars. An excellent introduction to astronomy, and the bibliography will show where to go if this sample is appreciated.

Astronomy

Science News-Letter, March 22, 1930

THE THIRTEEN-MONTH CALENDAR—Julia E. Johcensen—*Wilson* (90c). A complete compilation of material for and against the method of calendar reform by the addition of a new month. Intended chiefly for debate material, the book will be of interest to anyone who wants first-hand information on this proposed reform.

Chronology

Science News-Letter, March 22, 1930

THE ART OF SOUND PICTURES—Walter B. Pitkin and William M. Marston—*Appleton* (\$2.50). Dr. Pitkin, a well-known writer, and Dr. Marston, a prominent psychologist, now both connected with the Equitable Pictures Corporation, have here collaborated to produce the first book telling how to write for the talkies. If you have ambitions to hear your literary labors bellowed forth from thousands of loud speakers in the talkie theaters, and to share some of the profits, this book tells you how to go about it.

Motion Pictures

Science News-Letter, March 22, 1930

CHASING ECLIPSES—Rebecca R. Joslin—*Walton* (\$3). After two unsuccessful attempts (in 1905 on account of a cloud and in 1914 on account of a war), the author finally succeeded, along with 20,000,000 or so other people, in seeing an eclipse of the sun in 1925. In this little book she tells in an entertaining manner of her wanderings, and while it contains little astronomy it is well worth reading for the travel experiences.

Travel

Science News-Letter, March 22, 1930

A B C OF TELEVISION—Raymond Francis Yates—*Henley* (\$3). A comprehensive treatise on this important new art that will enter our homes before many more years have passed. The author gives a history of television, giving full credit to an often forgotten pioneer, Paul Nipkow, and after developing the theory, modern methods, and possibilities of the future, he gives full details for simple experiments that the radio fan can perform.

Television

Science News-Letter, March 22, 1930

DIET AND EFFICIENCY—Harold H. G. Holck—*University of Chicago Press* (\$1). A report of a 5-year experiment attempting to get objective evidence of any effects of "fletcherizing" or thorough to excessive mastication of food.

Nutrition

Science News-Letter, March 22, 1930

PHYSIOLOGICAL CHEMISTRY—R. C. Erb—*Chemical Publishing Co.* (\$4.50). An extremely short textbook on physiological chemistry. Overloaded with structural formulae, written by the professor of chemistry at the Philadelphia College of Osteopathy.

Chemistry

Science News-Letter, March 22, 1930