

# • First Glances at New Books

## Photography

**PRINT FINISHING**—William Mortensen—*Camera Craft*, 127 p., \$2.50. Here is a book that discusses the critical but neglected stage of print making. All the steps are given, from the wash water in the photographic laboratory to the salon wall. Complete details are given on the abrasion-tone process.

*Science News Letter, February 18, 1939*

## Biology—Chemistry

**THE STUFF WE'RE MADE OF**—W. O. Kermack and P. Eggleton—*Longmans*, 341 p., \$3.20. It is claimed for this book that it is the first volume to interpret for the ordinary layman the science of biochemistry. The British authors tell their story clearly and fully, although perhaps not as excitingly as it might have been from the American viewpoint. A very worthwhile book for the library of any intelligent layman.

*Science News Letter, February 18, 1939*

## Cartography

**GENERAL CARTOGRAPHY**—Erwin Raisz—*McGraw-Hill*, 370 p., \$4. Here is one of the few college texts in America on that rare but most important subject of cartography; the science of map-making. Everyone who has been a tourist has had contact with maps and the science of cartography is so interwoven with daily living that it assumes a vast importance to everyone. Prof. Raisz' book is so clear and so interesting that it sets one drawing small freehand maps during a mere scanning of its contents.

*Science News Letter, February 18, 1939*

## Aeronautics

**THE AIRCRAFT CALENDAR**—Eric Sargent, ed.—*Appleton-Century*, 144 p., \$2.50. This is another listing of the world's aircraft which, like all the others, suffers from the fact-obscuring mysteriousness that surrounds airplanes today.

*Science News Letter, February 18, 1939*

## Geology

**WHEN ALL THE EARTH WAS WHITE**—Mary Mercy Hawley—*Christopher*, 98 p., \$1.50. A small book that tells the story of ice ages compactly but entertainingly.

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## Photography

**THE STORY OF A FACE**—Hillary G. Bailey—*Camera Craft*, 127 p., \$2.50. Here is an elementary book on photography for the amateur which seeks not to provide a list of do's and don'ts and

an analytical treatment of the subject, but rather attempts to take the separate portions of photography and assemble them into a synthetic whole. The novice and the general reader will enjoy following the synthesis. The book provides fundamental principles which are basic background for anyone interested in photography.

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## Physics

**THEORETICAL MECHANICS**—Carl Jenness Coe—*Macmillan*, 555 p., \$5. New text in its field which treats the subject entirely by the vectorial method. Enough material is provided for two one-year courses in the subject. A multitude of problems supplements the excellent treatise.

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## Chemistry

**MODERN METHODS OF REFINING LUBRICATING OILS**—Vladimir A. Kalichevsky—*Reinhold*, 235 p., \$6. Here is a new volume in the American Chemical Society series of monographs which will have great value for trade workers in the field of petroleum refining. The new technical advances through the year 1937 are given in extensive bibliographies at the end of each chapter.

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## Photography

**CHAMPLIN ON FINE GRAIN** (2d ed.)—Harry Champlin—*Camera Craft*, 160 p., \$2. Here is a book for the miniature camera enthusiast which discusses the difficult and important matter of the development of camera film and the effects of that development on grain size. The author's new developer "No. 16" is described.

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## Philosophy—Physiology

**LE TEMPS: Etude Philosophique, Physiologique et Psychologique**—Joseph Sivadjan—*Hermann & Cie., Paris*, 6 vols., 423 p., 85 fr. Volumes 1 and 2 discuss the metaphysical problem; volume 3, the psychological problem, volumes 4 and 5, the physical and physiological aspects, and volume 6, the problem of the subconscious.

*Science News Letter, February 18, 1939*

## Astronomy

**THE ATMOSPHERES OF THE PLANETS**—H. Spencer Jones—*British Association for the Advancement of Science*, 14 p., 1s. Reprint of the 1938 Norman Lockyer Lecture of the B. A. A. S.

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## Medicine—Biography

**THE LITTLE DOC**—Frazier Hunt—*Simon and Schuster*, 302 p., \$2. A sympathetically written biography of Dr. Allan Roy Dafoe, physician to the Dionne quintuplets.

*Science News Letter, February 18, 1939*

## Photography

**THE EIGHTH ART: A LIFE OF COLOR PHOTOGRAPHY**—Victor Keppler—*Morrow*, 266 p., photos., \$10. A famous photographer describes modern methods of color photography and illustrates his technique with outstanding examples of color photographs in advertising.

*Science News Letter, February 18, 1939*

## Chemistry

**CASEIN AND ITS USES**—Hans Hadert; Trans. by Henry Goldsmith—*Chem. Pub. Co., of N. Y.*, 103 p., \$3. Translated from the German and issued in bound mimeographed form is this readable book on the applications of casein. Specific methods of production of many casein products are given and the book will be of great service to workers in this field.

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## Physics

**FLUORESCENCE AND PHOSPHORESCENCE**—E. Hirschlaff—*Chem. Pub. Co. of N. Y.*, 130 p., \$1.50. This book is the most recent in a series of the well known Methuen's monographs on physical subjects. A small-sized book packed with information of this technical field, it contains very comprehensive bibliographies.

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## Chemistry

**METAL COLORING AND FINISHING** (2d ed.)—Hugo Krause—*Chem. Pub. Co. of N. Y.*, 222 p., \$5. The need for a practical English text on metal coloring and finishing has prompted the translation of this standard German work. The monograph is comprehensive and will serve as a splendid reference guide book for those engaged in this field.

*Science News Letter, February 18, 1939*

## Technology

**WOOD PULP**—Julius Grant—*Stechert*, 209 p., \$4. (approximate price.) Comprehensive account of the entire field of preparation of wood pulp, for use in paper-making, rayon manufacture and other industries. While the book is designed first for the workers in this field of activity, some of the most technical matters have been worked over into a form which will make it readable to junior students in the science.

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