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NEW BOOKS, ETC.

A MANUAL OF DRAWING. By C. E. Coolidge, Assistant Professor of Machine Design, Sibley College, Cornell University. New York: John Wiley & Sons. London: Chapman & Hall. Ltd. 1902. 8vo. 92 pages, 10 full-page plates. Paper, \$1.

Coming, as it does, from a Sibley College professor, this work is entitled to more than ordinary consideration. Its purpose, as its author tells us, is to put into permanent form a single and standard drafting-room system, which will tend to alleviate unnecessary burdens. The system that has been evolved and embodied in this book is intended to be the average of the drafting-room systems which are in use in the United States at the present day. The book is published with blank pages alternating with printed ones and with the illustrations in the back. Undeniably, this arrangement has its merits.

A DICTIONARY OF PHILOSOPHY AND PSYCHOLOGY. Written by Many Hands and Edited by James Mark Baldwin, Stuart Professor in Princeton University, with the Co-operation and Assistance of an International Board of Consulting Editors. Vol. II. New York: Macmillan Company. 1902. Small Quarto. Pp. 892. Price \$5.

With the second volume, the Dictionary of Philosophy and Psychology is completed. It has been the task of the editors to explain terms in philosophy and psychology by clear definitions and to interpret the movements of thought through which the meanings thus determined have arisen. The pedagogical portion of the book states formulae and well-defined results; it does not discuss. It has been the purpose of the editors to present science—physical, moral—with a fullness of authority not before undertaken in a work of this character. We have had occasion to use the first volume of this dictionary not a little, and by the test of use it has proven itself one of the most serviceable reference books which has ever found its way to the editor's desk. An excellent feature of the second volume is the admirable general index of Greek, Latin, German, French, and Italian terms.

CHEMISTRY. By Observation, Experiment, and Induction. A Laboratory Manual for Students. By J. I. D. Hinds, Ph.D., Professor of Chemistry in the University of Nashville. 12mo. New York: John Wiley & Sons. London: Chapman & Hall, Ltd. 1902. Pp. viii., 192, 46 figures. Cloth. 75 cents net.

This volume is designed to accompany the author's "Inorganic Chemistry." The object of the course outlined is to make the student practically familiar with the elements of chemistry, and to lead him, by processes of inductive reasoning, to the general principles of theoretical chemistry. The manual is to be used simply as a means to the acquisition of knowledge. No attempt has been made to introduce into this work any features of qualitative analysis.

LETTERS AND LETTERING. A Treatise With Two Thousand Examples. By Frank Chonteau Brown. Boston: Bates & Guild Company. 1902. Octavo. Pp. 214. Price \$2.

This work contains a most varied collection of standard forms arranged for convenient use and intended primarily to present the letter shapes, but displayed so as to show also how the letters compose into words.

THE A B C OF PHOTO-MICROGRAPHY. A Practical Handbook for Beginners. By W. H. Walmsley, F.R.M.S., F.A. A.A.S. New York: Tennant & Ward. 1902. Pp. viii., 155.

The author has endeavored to aid the novice by teaching him the elements of the subject of photo-micrography, and to explain as clearly as possible the simple but indispensable methods. The book has not been written for advanced scholars. Care has been taken to explain many things which would seem to be self-evident to those already familiar with the use of photo-micrography apparatus, but which are often insurmountable obstacles to the beginner.

THE CONQUEST OF THE AIR. By John Alexander. 16mo. Pp. 160.

This book does not purport to be a scientific work, but contains many interesting accounts of airships old and new.

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Advertisement for MODELS & EXPERIMENTAL WORK. Includes text: 'Inventions developed, Special Machinery. E. V. BAILLARD, Fox Bldg., Franklin Square, New York.'

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Advertisement for We invite correspondence with Inventors having Patents to sell or place with manufacturers on a royalty. Includes text: 'Amer. Inst. of Inventors' Co., Buffalo, N. Y., U. S. A.'

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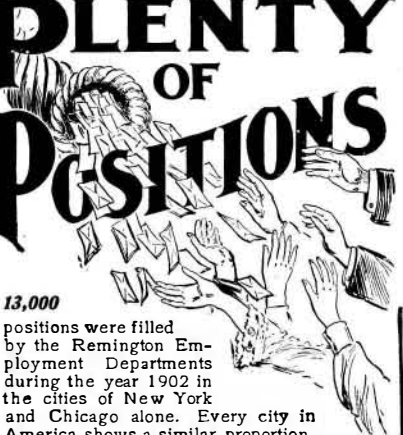
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