

*Elementary Statics.* By J. B. LOCK. London and New York, Macmillan. 16°. \$1.10.

THIS little book has been prepared as a text-book for students intending to present themselves for the Cambridge previous examination for Woolwich, for the Oxford and Cambridge certificate, and for other English examinations of a similar nature. The author has also endeavored to keep in view the importance of the subject as an introduction to the study of physics and of practical mechanics. A slight knowledge of trigonometry is needed, but considerable portions may be read without any acquaintance with this subject. The truth of the parallelogram of forces is assumed, and, like many English writers, the author bases the whole subject on Newton's laws of motion. A chapter is added on graphic statics, in which is considered the triangle of forces. The examples given are in general simple, but at the end one hundred examples of greater difficulty are inserted.

#### AMONG THE PUBLISHERS.

IN the first number of *The New Review*, which Longmans, Green, & Co. will issue at once, Senator Naquet, a partisan of Gen. Boulanger, states the general's case by authority, and is answered in the following pages by M. Camille Pelletan. Another burning question, "The Unionist Policy in Ireland," is discussed in the same number by T. W. Russell, M.P. Lady Randolph Churchill contributes to the June number of *The New Review*, notes of travel, called "A Month in Russia;" and another American, Mr. Henry James, supplies an article entitled "After the Play."

— Ward & Downey will publish shortly the first authentic narrative of the early proceedings of Stanley's expedition to relieve Emin Pacha, under the title of "With Stanley's Rear Column." The author, Mr. J. Rose Troup, who was the transport officer of the expedition, will give a full account of the experiences of the party left at Yambuya. His narrative will include a description of the voyage up the Kongo, the camp on the Aruvimi, and a complete diary, showing how events led up to the assassination of Major Bartelot, and the failure of this branch of Stanley's expedition.

— Messrs. Ginn & Co. announce for publication "Algebraic Analysis," by G. A. Wentworth, J. A. McLellan, and J. C. Glashan. This work, which has been previously announced as Wentworth & McLellan's "University Algebra," is intended to supply students of mathematics with a well-filled storehouse of solved examples and unsolved exercises in the application of the fundamental theorems

and processes of pure algebra, and to exhibit to them the highest and most important results of modern algebraic analysis. The work will be issued in two volumes, the first of which closes with an extensive collection of exercises in determinants.

— Cassell & Co. will publish on the 15th, Wilder's "The People I've Smiled With" and a cheaper edition of Max O'Rell's "Jonathan and his Continent."

— D. Appleton & Co. publish this week "The Ice Age in North America, and its Bearings upon the Antiquity of Man," by G. Frederick Wright, professor in Oberlin Theological Seminary, and assistant on the United States Geological Survey, with an appendix on "The Probable Cause of Glaciation," by Warren Upham.

— Houghton, Mifflin, & Co. have just published "The Beginnings of New England," a series of lectures by John Fiske; "Indoor Studies," a new volume of essays, by John Burroughs, chiefly on authors and literary subjects; and two new volumes in their Riverside Library for Young Folks, — "Birds through an Opera-Glass," by Florence A. Merriam; and "Up and Down the Brooks," by Mary A. Bamford. They will publish, in connection with Bickers & Son of London, an *édition de luxe* of Swift's works in nineteen volumes, octavo. Only 250 copies will be placed on the American market. The reprint is after Sir Walter Scott's second edition.

— *The Home Journal*, in its issue of June 12, publishes a summer-resort guide which contains facts of interest concerning summer hotels. The guide gives the features of the hotels, the number of guests each accommodates, with the tariff of charges, the distances, and how to reach the different points.

— Trübner & Co. will issue immediately the first number of a new periodical, *The Periodical Press Index*, a monthly record of leading subjects in current literature. Mr. John S. Farmer, the compiler, has indexed about 160 different publications in the first number. There will also be issued a yearly summary volume, which will include all that is contained in the twelve monthly numbers.

— The May number of the *Modern Science Essayist* (Boston) contains an essay on "The Descent of Man," by E. D. Cope, Ph.D. The June number is devoted to the "Evolution of the Mind," by Robert G. Eccles, M.D.

— Nos. VII., VIII., and IX. of the *Johns Hopkins University Studies* (seventh series) are devoted to "The River Towns of Connecticut, a Study of Wethersfield, Hartford, and Windsor," by Charles M. Andrews.

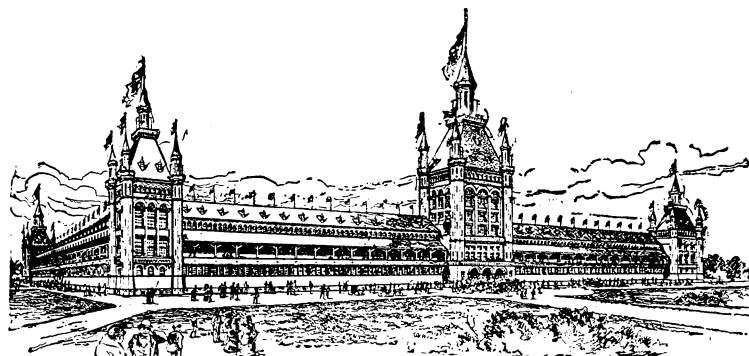
#### INDUSTRIAL NOTES.

##### New England Electric Company.

THE New England business of the Sprague Electric Railway and Motor Company of New York will hereafter be conducted by

##### The Detroit Fair.

A fair and exposition will be held in Detroit from Sept. 17 to 27. The above cut shows the building. Its dimensions are, height, 70 feet; length, 500 feet; depth, 250 feet; height of corner towers, 116 feet; height of main tower, 200 feet; exhibition space, 200,500



THE DETROIT FAIR BUILDING.

the New England Electric Company, with offices at 55 Oliver Street, Boston. Mr. F. J. Sawyer is president of the new company, and Mr. Edward Blake, treasurer.

square feet. The art building will contain 10,000 feet of exhibit surface. There will be stock stables and an agricultural field of fifteen acres.