

ON Monday, October 2, her Majesty the Queen opened the extension of the science laboratories of the London Royal Free Hospital School of Medicine for Women. The ceremony took place in the anatomical department, where more than 600 guests were accommodated. The Queen was addressed by the dean of the school, Miss Aldrich Blake, M.D., who gave a brief account of the school, comparing its position in 1874, when it was founded by Dr. Sophia Jex-Blake, with a total of fourteen students, and its present condition, with splendidly equipped laboratories and more than 400 students; by Dr. Winifred Cullis (lecturer in physiology), who thanked the Queen for the interest she had shown in the work and education of medical women, and all those who by their help had made it possible to carry out this much-needed extension; and by the chairman of the council, who, having handed to the Queen a key presented by the architects, asked her to open the extension. After the Queen had declared it open, her Majesty made a tour of the new laboratories. The extension which has now been carried out was planned and arranged for before the war, owing to the steadily increasing annual entry of students. When war broke out it was for a time uncertain whether the extension should be proceeded with, but the number of students entering the school in 1914 was so great that there was no alternative. Consequently an appeal for 30,000*l.* was issued, the appeal was generously responded to, and within seventeen months the whole sum was obtained. On the top floor the whole extension is given to the anatomical department, which now has one of the finest dissecting rooms in the country (an excellently lighted room, 140 ft. in length), private rooms, demonstration room, preparation rooms, and mortuary. The next floor is given to the physiological department, and the extension provides an advanced laboratory, demonstration theatre, dark-room, storeroom, and private and research rooms. In the floor below is an extension of the chemical department, adding to it an organic laboratory, balance room, and private and research rooms; on this floor is found also a students' union room. Below this is the extension of the physics laboratory, including lecture room, dark-rooms, and research room, and also some laboratories for pathological research.

### SOCIETIES AND ACADEMIES.

#### PARIS.

**Academy of Sciences**, September 18.—M. Camille Jordan in the chair.—A. **Lacroix**: The riebeckite syenites of Alter Pedroso (Portugal), their mesocrate forms (lusitanites), and their transformation into leptynites and into gneiss.—E. **Picard**: Certain subgroups of the hyperfuchsian groups, corresponding with certain ternary quadratic forms.—E. **Esclançon**: Doppler's principle and the whistling of projectiles.—H. **Bordier**: The action of the X-rays upon iodine and iodide of starch in aqueous solution. The solutions are decolorised, a few minutes' exposure to the X-rays giving the same effect as several hours' exposure to ultra-violet light.—M. **Mauger**: The minettes of Jersey.—Ph. **Flajolet**: The perturbations of the magnetic declination at Lyons (Saint-Genis-Laval) during the first quarter of 1916.

### BOOKS RECEIVED.

Science from an Easy Chair. By Sir Ray Lankester. Pp. xii+292. (London: Methuen and Co., Ltd.) 1*s.* net.

Doctors at War. By J. W. Barlow. Pp. 144. (London: D. Nutt.) 2*s.* 6*d.* net.

Evolution by Means of Hybridization. By J. P.

Lotsy. Pp. viii+166. (The Hague: M. Nijhoff.) 6*s.* net.

History of Manufactures in the United States, 1607-1860. By V. S. Clark. Pp. xii+675. (Washington: Carnegie Institution.)

The Classics of International Law:—

Le Droit des Gens. By E. de Vattel. 3 vols.

(1) Photographic Reproduction of Books I. and II. of the First Edition (1758), with Introduction by Albert de Lapradelle. Pp. 600. (2) Photographic Reproduction of Books III. and IV. of the First Edition (1758). Pp. 375. (3) Translation of Edition of 1758 (by Charles G. Fenwick), with translation (by G. D. Gregory) of Introduction by A. de Lapradelle. Pp. 486. (Washington: Carnegie Institution.) 8 dollars.

De Jure Naturæ et Gentium Dissertationes. By S. Rachel. 2 vols. (1) Reproduction of Edition of 1676, Introduction by L. von Bar, and List of Errata. Pp. 361. (2) Translation of the Text, by J. P. Bate, with Index of Authors Cited. Pp. 255. (Washington: Carnegie Institution.) 4 dollars.

British Rainfall, 1915. By H. R. Mill and C. Salter. Pp. 288. (London: E. Stanford, Ltd.) 1*0s.*

Illustrations of the British Flora. By W. H. Fitch and W. G. Smith. Fourth, revised, edition. Pp. xvi+338. (London: L. Reeve and Co., Ltd.) 9*s.* net.

Results of Meteorological Observations in the Five Years 1911-15; also of Underground Temperatures in the Twelve Years 1898-1910, made at the Radcliffe Observatory, Oxford. Vol. II. Pp. xv+215. (Oxford: H. Milford.)

### CONTENTS.

	PAGE
The Organism as Phoenix . . . . .	85
Hydraulic Formula Reconstruction. By B. C. . . . .	87
Serum Reactions and Bacterial Therapy. By Prof. R. T. Hewlett . . . . .	88
School Mathematics. By C. G. . . . .	88
Our Bookshelf . . . . .	89
Letters to the Editor:—	
Optical Deterioration of the Atmosphere in July and August, 1916.—Sir Napier Shaw, F.R.S. . . . .	90
Science in Education.—Prof. Frederick Soddy, F.R.S. . . . .	90
An Imperial Department of Mineral Production. By Prof. Henry Louis . . . . .	91
The Survey Link Connecting the Triangulations of India and Russia. (Illustrated.) By Sir T. H. Holdich, K.C.M.G., K.C.I.E. . . . .	92
Mr. Bedford McNeill . . . . .	94
Notes . . . . .	94
Our Astronomical Column:—	
The Astronomical Compass . . . . .	98
Effect of Haze on Solar Rotation Measures . . . . .	99
The Masses of Visual Binary Stars . . . . .	99
Mutation and Evolution. By W. P. P. . . . .	99
Some Problems in Eugenics. By G. H. C. . . . .	99
The British Association at Newcastle:—	
Section C.—Geology.—Opening Address (Abridged) by Prof. W. S. Boulton, D.Sc., F.G.S., President of the Section . . . . .	100
University and Educational Intelligence . . . . .	103
Societies and Academies . . . . .	104
Books Received . . . . .	104

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