

creased space, and it may be hoped that ere long the governing body will be provided with sufficient funds to make it possible to secure college buildings worthy of the excellent work which has been accomplished here. The work at Armstrong College, Newcastle-upon-Tyne, is being done under difficulties. The college buildings have been in the occupation of the War Office since August, 1914, and the various departments are housed temporarily in different buildings. Pass and honours degrees are awarded, on the conditions laid down in the prospectus, in both pure and applied science. Candidates who have qualified for the pass degree of B.Sc. may proceed, with the approval of the Board of the Faculty of Science, with the course of study in the honours school, and in applied science can take up one of the following subjects:—Agriculture, mechanical, marine, civil, or electrical engineering, naval architecture, mining, metallurgy. The Edinburgh and East of Scotland College of Agriculture, which was founded in 1901 to provide for agricultural education and research in the central and south-eastern counties of Scotland, has arranged classes in conjunction with the science faculty of Edinburgh University, constituting a full course of theoretical and practical teaching in agriculture and the allied sciences. The services of the college staff are at the disposal of farmers who are investigating new conditions or special problems arising out of farming operations. Full particulars can be obtained from the offices of the college, 13 George Square, Edinburgh.

SOCIETIES AND ACADEMIES.

PARIS.

Academy of Sciences, September 17.—**M. Camille Jordan** in the chair.—**A. Lacroix**: The peridotites of the Pyrenees and the other intrusive non-felspathic rocks which accompany them. Descriptions of the lherzolites, cortlandites, ariegites, and hornblendites, together with complete chemical analyses of twenty-one specimens.—**M. Petrovitch**: A new method of numerical evaluation of the coefficients of series.—**C. Benediks**: A new thermo-electric effect. The author's results are contrary to the law of Magnus, and show that in a homogeneous metallic circuit an asymmetrical distribution of temperature may give rise to an electromotive force.—**J. B. Tauleigne** and **G. Mazo**: The method of monocular stereoscopy especially applicable to radiography.—**M. Mazères**: A new method of extraction with the radioscopic screen: the method of concordances.—**D. Keilin**: A new Nematode, *Aproctonema entomophagum*. The new species was found as a parasite in the larvæ of *Sciara pullula*.—**E. Roubaud**: Can French Anopheles transmit malaria in non-marshy regions? *A. maculipennis* from the Paris district has been proved to be capable of transmitting malaria (*Plasmodium vivax* and *P. praecox*), and do not possess any special refractory properties. Since malarial cases are being introduced from the Eastern front, it is obvious that special precautions against the spread of the disease are indicated.—**A. Laveran**: Remarks on the preceding communication of M. Roubaud. An account of the measures which have been taken in France to prevent the spread of malaria from infected soldiers.

BOOKS RECEIVED.

Survey of India. General Report, 1915-16. From October 1, 1915, to September 30, 1916. (Calcutta.) 2s. 8d.

Memoirs of the Geological Survey of India. Vol. xlii., part 2. Vol. xlv., part 1. (Calcutta.) Each 4s.

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Composition and Nutritive Value of Feeding Stuffs. By Prof. T. B. Wood. (Cambridge: At the University Press.) 1s. net.

Memoirs of the Geological Survey, England and Wales. Explanation of Sheet 329. The Geology of the Country around Bournemouth. Second edition. By H. J. O. White. Pp. vi+79. With separate map. (London: H.M.S.O.) 2s. net.

The Discovery of America, 1492-1584. Edited by P. F. Alexander. Pp. xviii+212. (Cambridge: At the University Press.) 3s. net.

Insetti delle Case e dell' Uomo e Malattie che Diffondono. By Prof. A. Berlese. Pp. xii+293. (Milano: U. Hoepli.) 4.50 lire.

Celestial Objects for Common Telescopes. By the Rev. T. W. Webb. Sixth edition, thoroughly revised by the Rev. T. E. Espin. Two vols. Vol. i., pp. xx+253; vol. ii., pp. viii+320. (London: Longmans and Co.) Each 7s. 6d. net.

The Elements of Refrigeration. By Prof. A. M. Greene, jun. Pp. vi+472. (New York: J. Wiley and Sons, Inc.; London: Chapman and Hall, Ltd.) 18s. 6d. net.

Alternating-Current Electricity and its Applications to Industry. Second Course. By W. H. Timbie and Prof. H. H. Higbie. Pp. ix+729. (New York: J. Wiley and Sons, Inc.; London: Chapman and Hall, Ltd.) 13s. 6d. net.

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