

Glasgow. The college retains its autonomy in all matters relating to its internal affairs—finance, appointment of staff, and so on—but it has no representation in the Court of the University. An advisory committee has been set up, consisting of members of the University Court and representatives of the college, which will consider all matters affecting their joint interests. A joint board of studies in the faculty of applied science is provided, and will consider all matters relating to the subjects and standard of the several courses. The degree examinations will be conducted by a board of examiners representative of both institutions, with external examiners appointed by the University Court. Students will be free to attend the classes constituting the courses of study in either the University or the college, or in both, the fees being the same. The combination and coordination of the resources of the University with those of the college should be to the advantage of both. The University of Edinburgh, too, has recognised the day classes of the college as qualifying for its degree of bachelor of science under certain regulations.

SOCIETIES AND ACADEMIES.

PARIS.

Academy of Sciences, August 18.—M. A. Chauveau in the chair.—M. Borrelly: Notes on Hind's nebula. This nebula is now at a maximum period of brightness.—M. Aries: The formula for the velocity of sound. Reply to M. Duhem.—MM. Massol and Faucon: The presence of absorption bands in the ultra-violet spectrum of some abnormal alcohols of the fatty series. The study of pentane and some derivatives of methylpropane and methylbutane shows that the two absorption bands previously found in the three primary alcohols do not appear in the corresponding hydrocarbons; the halogen derivatives are also free from bands. The aldehydes give one large absorption band intermediate in position between the two alcohol bands.—Paul Godin: Free thoracic and abdominal respiration in the course of growth.—De Montessus de Ballore: Remarks on the earthquake at Gallipoli, August 9, 1912.

BOOKS RECEIVED.

A History of British Mammals. By G. E. H. Barrett-Hamilton. Part xiv. Pp. 361-408+plates. (London: Gurney and Jackson.) 2s. 6d. net.

Handbuch der Vergleichenden Physiologie. By Hans Winterstein. Lief. 36. Zweite Hälfte. (Jena: Gustav Fischer.) 5 marks.

Swiat I Cztowick. By Dr. J. Mianowskiego. Pp. 355. (Warsaw.) 2 rub.

A Treatise on Quantitative Inorganic Analysis. By Dr. J. W. Mellor. Being vol. i. of a Treatise on the Ceramic Industries. Pp. xxxi+778. (London: C. Griffin and Co., Ltd.) 30s. net.

The Application of Physico-Chemical Theory to Technical Processes and Manufacturing Methods. By Prof. R. Kremann. Translated from the German by H. E. Potts, and edited by Dr. A. Mond. Pp. xv+212. (London: Constable and Co., Ltd.) 8s. 6d. net.

Botany. By Prof. E. Brucker. Pp. xv+185. (Thresholds of Science Series.) (London: Constable and Co., Ltd.) 2s. net.

Ministere de l'Agriculture. Direction Générale des Eaux et Forêts. Service des Grandes Forces Hydrauliques. (Région du Sud-Ouest.) I., Comptes rendus des Opérations Effectuées. II., Résultats Obtenus pour le bassin de l'Adour au 31 Décembre, 1910. Tome i. Pp. 262+plates. Résultats Obtenus

pour le bassin de la Garonne au 31 Décembre, 1910. Tome ii. Pp. 515+plates. 2°. Partie Eaux et Améliorations Agricoles. Service des Grandes Forces Hydrauliques. (Région des Alpes.) Comptes rendu et Résultats des Etudes and Travaux au 31 Décembre, 1911. Tome vi. Pp. 494. Annexe du tome vi. Nivellements.

Ist es Wahr dass $2 \times 2 = 4$ Ist? By Fred Bon. Erster Band. Pp. xxviii+523. (Leipzig: E. Reinicke.)

British Rainfall, 1912. By H. R. Mill. Pp. 372. (London: E. Stanford, Ltd.) 10s.

A New School Geometry. By R. Deakin. Part ii. Pp. viii+161-202. (London: Mills and Boon, Ltd.) 1s. 6d.

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