

out for incorporation in the publication of a more experienced scholar, should qualify for a degree. Prof. Tout, of Manchester, while a keen advocate of degrees by research and of the organisation of such research, warned the meeting of the dangers of over-centralisation swamping the student's individuality and power of initiative. Dr. G. G. Coulton, though agreeing that this would be a calamity, pointed out that in Cambridge the thesis was a successful part of the curriculum, and expressed the opinion that with due care the organisation of research was wholly advantageous.

Mrs. Singer briefly described the method of her Catalogue of the Early Scientific Manuscripts in the British Isles, and the assistance it gave to researchers in the history of science, especially to those living far from great libraries. She mentioned that a group of American professors was anxious to utilise the mathematical section for a complete *catalogue raisonné* of the mathematical texts, but that they had so far failed to raise from their universities the sum necessary for transcriptions from the manuscripts. She suggested that if other American universities cared to join in this work it would facilitate the raising of funds. After further discussion a resolution was proposed by Mrs. Singer, seconded by Prof. Tout, and unanimously carried, expressing the hope that the Institute of Historical Research would establish a bureau of texts needing to be edited and of students anxious to undertake such work.

University and Educational Intelligence.

ABERDEEN.—The summer graduation ceremony of the University was held on July 14 in the Mitchell Hall of Marischal College. Degrees to the number of 4 honorary and 145 ordinary were conferred by his Grace the Duke of Richmond and Gordon, Chancellor of the University. Sir George Carmichael, Chief Secretary to the Government of Bombay, and Prof. W. M. Bayliss received the Doctorate of Laws.

EDINBURGH.—At the graduation ceremonial on July 14 the following degrees were conferred:—*Honorary Doctor of Laws*: Mr. John Alison, Headmaster of George Watson's College; his Grace the Duke of Atholl; the Lady Frances Balfour; Mr. Ernest Barker, Principal of King's College, London; Sir John Cowan, Edinburgh; Sir A. W. Currie, Principal and Vice-Chancellor of McGill University; the Right Hon. Sir G. E. Foster, Minister of Trade and Commerce, Canada; Dr. J. S. Haldane; the Right Hon. Sir R. S. Horne, Chancellor of the Exchequer; the Right Hon. T. B. Morison, Lord Advocate; Sir Nil Ratan Sircar, lately Vice-Chancellor of the University of Calcutta; and the Right Hon. Sir Robert Stout, Chancellor of the University of New Zealand. *Doctor of Science*: F. A. E. Crew—thesis, "Contributions to the Study of Sex-determination in the Anura"; E. S. Edie—thesis, "Biochemical Researches"; R. J. S. McDowall—thesis, "A Study of the Pulmonary Circulation"; V. E. Parke—thesis, "Specific Heat of Constant Pressure of Hydrogen, Nitrogen, etc."; B. B. Sarkar (Calcutta)—thesis, "Relation between Thyroid and Bone-marrow"; J. Waterston—thesis, "Contributions to Medical and Economic Entomology"; and D. Clouston—thesis, "The Improvement of Cotton Crop in Central Provinces and Berar, and Documents relating thereto" (*in absentia*). *Doctor of Philosophy in the Faculty of Science*: Dr. H. Briggs (Birmingham)—thesis,

"Mine Rescue Apparatus and Certain Problems bearing thereon"; Mabel Carmichael (St. Andrews)—thesis, "Electro-synthesis in the Series of Dibasic Acids"; A. R. Normand—thesis, "The Boiling Points of Solutions in Methyl Alcohol under Reduced Pressure"; H. M. Steven—thesis, "The Biology of the Chermes of Spruce and Larch, and their Relation to Forestry"; and Margaret P. White—thesis, "Characteristic Frequencies in Elements of Low Atomic Weight (J Series)."

GLASGOW.—At a recent meeting of the University Court it was announced that the Bellahouston Trustees of Glasgow had made a grant of 500*l.* to the University for the purchase of apparatus required for the department of physiology.

An ordinance for the establishment of the ordinary, as well as the honours, degree of B.Sc. in pure science, under new regulations, has been approved by his Majesty in Council, and will come into operation at the beginning of next session.

Mr. A. Stevens, interim lecturer in geography during the absence of Dr. Falconer, has been appointed lecturer in place of the latter, who has now resigned office.

Prof. F. O. Bower, president of the Royal Society of Edinburgh, has been appointed by the Court a Governor of the West of Scotland Agricultural College.

The building operations for the erection of the new Institute of Zoology, adjoining the Natural Philosophy Institute, have been begun. The estimated cost of the structure is 110,000*l.*

The School of Pharmacy established by the Royal Technical College has been recognised under the affiliation scheme for the purposes of the ordinance for the degree of B.Sc. in pharmacy.

MANCHESTER.—The following appointments have been made:—Senior lecturer in physics, Dr. E. C. S. Dickson; senior lecturer in engineering, Mr. C. M. Mason; lecturer in engineering, Mr. Eric Jones; lecturer in systematic surgery and assistant to professor of systematic surgery, Mr. W. H. Hey; lecturer in clinical surgery and assistant to professor of clinical surgery, Mr. Charles Roberts; lecturer in pathology, Dr. Arnold Renshaw; lecturer in bacteriology, Mr. J. H. Dible; lecturer in morbid anatomy and histology, Mr. B. J. Rylie; and lecturer in psychology, Mr. R. H. Thouless.

It is announced that Mr. R. A. Bartram has given the sum of 10,500*l.* to Sunderland Technical College. Of this sum 4500*l.* goes to the building fund for the erection of a drawing office for naval architecture at the college and 400*l.* for its equipment; the remainder, 5600*l.*, will be used to establish an endowment fund for four scholarships in naval architecture.

It has been pointed out to us with reference to the statistics given on p. 555 of our issue of June 30 in the article on "University Statistics of the United Kingdom, 1919-20," that the University of Bristol draws a considerable number of students from countries outside the British Empire. The number of such students shown in the official returns is fourteen, including three from foreign countries, but to these may be added the corresponding figures thirty and twelve relating to the Merchant Venturers' Technical College, as these are all members of the Faculty of Engineering of the University.