

with the external gill of the Dipnoi and the Amphibia. The formation of the abdominal pores of *Polypterus* was also described, and the use of the enlarged anal fin of the male in the breeding-season was discussed.

UNIVERSITY AND EDUCATIONAL NEWS.

THE wills of John Nicholas Brown and Harold Brown were filed in Newport on May 22d. Brown University receives \$25,000 from them each. J. N. Brown leaves \$150,000 for a library building and \$500,000 for an endowment, the place of the library to be selected by the trustees. Both wills contain a number of charitable bequests.

WASHINGTON AND LEE UNIVERSITY receives \$3000 for a scholarship by the will of the late Mrs. Juliet S. Bradford.

THE entomological collection belonging to the late Dr. J. A. Lintner, for many years State entomologist, is to be given to Cornell University by his widow as a memorial to her husband.

MR. THOMAS ANDREWS, F.R.S., has given to the Chemical Laboratory of Cambridge University one of the Echelon spectroscopes, invented by Professor A. A. Michelson.

A DORMITORY is being erected by Cornell University on the tract of land in the Adirondacks, used in connection with the School of Forestry.

It is said that a commercial university will soon be established at Hamburg with all the rights of the German universities and technical schools. Provision will be made for chairs in all scientific subjects connected with commerce.

ON May 9th, the Convocation of Oxford University established the new degrees of Doctor in Science and in Literature. Now it will no longer be necessary for graduates in science of this ancient seat of learning to take the examinations of London University for the sake of obtaining a doctorate. Thus the impulse given to research will be both direct and indirect.

MR. BALFOUR has consented to give the

inaugural address at the summer meeting for University Extension students and others to be held at Cambridge in August. The meeting will last from August 2d to 27th, and during that time over one hundred lectures will be delivered upon different aspects of life and thought in England in the nineteenth century. Amongst those who will lecture are Professor Jebb, M.P., Professor A. V. Dicey, Professor Clifford Allbutt, Dr. Augustus Jessopp, the Master of Trinity, Sir Robert Ball, Professor J. J. Thomson, the Bishop of Southampton, Sir Joshua Fitch, and the Dean of Ely.

A REQUISITION addressed to Lord Balfour is being signed, asking him to allow himself to be nominated for the chancellorship of St. Andrews University, vacant by the death of the Duke of Argyll. The appointment rests with the general council of the University, and is held by the occupant for life.

MR. LAURENCE EDMONDS GRIFFIN, Bruce Fellow and candidate for the degree of Doctor of Philosophy this year at the Johns Hopkins University, has been appointed instructor in biology in the College for Women of the Western Reserve University, in the place of the late Dr. N. R. Harrington.

ALICE W. WILCOX, instructor in biology at Vassar College, has been appointed by the faculty to hold the Babbott Fellowship for 1900-1901 and will do graduate work in biology at the University of Chicago.

SEVERAL changes have recently taken place in the medical staff of University College, London. Dr. Sydney Ringer has retired from the Holme professorship of Clinical Medicine, and has been succeeded by Dr. F. T. Roberts. Mr. Christopher Heath has resigned the Holme professorship of Clinical Surgery and is succeeded by Mr. Rickman J. Godlee. Dr. Roberts on taking up the Holmes professorship has resigned the professorship of the principles and practice of medicine, and the council have selected Dr. G. Vivian Poore to succeed him.

DR. JOHN WYLLIE has been elected professor of medicine in the University of Edinburgh in succession to the late Sir Thomas Grainger Stewart.