

amount to about \$780,000,000, a sum out of all proportion to the resulting daily increase of water supply. Hence the attempt to increase the water supply by forestation of the Croton catchment area is inexpedient.

#### UNIVERSITY AND EDUCATIONAL NEWS.

ANNOUNCEMENT of a gift of \$150,000 from Mr. J. Ogden Armour was made at the convocation exercises of the Armour Institute of Technology on June 19.

THE committee appointed by the Columbia University council to prepare a report on 'what celebration, if any, should be held on the one hundred and fiftieth anniversary of the foundation of the corporation,' which occurs on October 31 next, has made the tentative suggestion that the commemoration last from October 25 to November 1. On October 25, 26, 27, 28, a series of colloquies, conferences and lectures is proposed to be delivered by eminent European and American scholars. On October 31 there will be a luncheon and reception in honor of the guests, and an address, historical in character, by the president of the university.

ARRANGEMENTS have been made between the Western Reserve University and the Case School of Applied Science permitting students to complete their academic and engineering courses in five years.

COLGATE UNIVERSITY has given up its degree of Ph.B. and will hereafter give the B.A. degree without required Greek.

CHARTERS have been approved incorporating independent universities at Manchester and Liverpool to be known as the Victoria University of Manchester and the University of Liverpool.

ON June 18 the corporation of Brown University voted to establish a graduate department and elected Professor Carl Barus as dean.

DR. LE BARON RUSSELL BRIGGS, professor of English and dean of the Faculty of Arts and Sciences at Harvard University, has been elected president of Radcliffe College to fill

the vacancy caused by the resignation of Mrs. Agassiz.

PROFESSOR M. E. COOLEY, of the engineering department of the University of Michigan, has been offered the deanship of the Engineering School of the University of Wisconsin.

DR. FREDERICK E. BOLTON, professor of education in the University of Iowa, was offered the presidency of a normal school at Manila, Philippine Islands, but has declined the position.

THE Rev. Dr. Smith, for the past twenty years president of Trinity College, has resigned. Dr. F. S. Luther, Jr., professor of mathematics and dean of the faculty, is acting president.

DR. J. J. R. McLEOD, assistant demonstrator of physiology at the London Hospital, has been appointed professor of physiology at Western Reserve University, occupying the chair made vacant by the removal of Professor G. N. Stewart to Chicago.

PROFESSOR C. H. ROBINSON has resigned the chair of physics at Rochester University.

H. C. IVES, instructor in Worcester Polytechnic Institute, has accepted an assistant professorship of civil engineering in the University of Pennsylvania.

THE three scholarships available for members of the Harvard summer course in geology in the Rocky Mountains open to general application have been assigned to Chas. W. Brown, of Rhode Island, graduate of Brown University and instructor; W. S. Tower, of Massachusetts, student in Harvard University, and P. H. Cormick, of Texas, student in the University of Tennessee.

MR. ALFRED HUGHES has been appointed professor of education at Birmingham.

MR. CARVETH READ has been appointed to the Grote professorship of philosophy of mind and logic at University College, London, in succession to Professor James Sully.

M. DANIEL has been elected to a newly-established chair of agricultural botany at the University of Rennes.