

Committee was appointed by them in 1885. These two Committees worked in harmony together for six years, as shown by the reports presented by them to both bodies, with the result that in 1890 the Canadian Government undertook to establish stations for tidal observations and also to investigate currents. At last session a grant of twenty-nine thousand dollars was made for this purpose, with the understanding that the grant would be continued for seven or eight years.

As a result of his enquiries in connection with this work, the necessity for a regular hydrographic staff forced itself on Dr. Johnson's attention, and at a meeting of the Royal Society in 1893, he brought the matter before that body, and a second Committee was appointed to interview the Minister of Marine.

At the last meeting, Sir Charles Hibbert Tupper announced that the hydrographic survey was established permanently on a similar basis to that of the Geological Survey of Canada.

In 1892, he was appointed delegate from McGill University to attend the Tercentenary of Trinity College, Dublin, and while in England started a movement to induce the British Association to hold a meeting in Toronto in the year 1897; a movement which, it is hoped, will have its full effect.

In addition to his scientific work Dr. Johnson has devoted a good deal of time for the benefit of various institutions in Montreal and for several years was the Lay Secretary of the Canadian Provincial Synod and Corresponding Secretary of the Bible Society.

#### HENRY T. BOVEY, M.A., LL.D., DEAN OF THE FACULTY OF APPLIED SCIENCE.

PROF. HENRY TAYLOR BOVEY, M.A., LL.D., M. Inst.C.E., F.R.S.C., professor of Mechanical Engineering, and Dean of the Faculty of Applied Science, is a native of Devonshire, and was educated at a private school in England and at Cambridge University. On entering the university, he competed for and obtained an open scholarship. On graduation he took a high place in the mathematical tripos, and shortly afterwards was made a fellow of Queen's College. Having decided to adopt the profession of civil engineering, he joined the staff of the Mersey Docks and Harbor Works. In a short time he was appointed one of the assistant engineers on this work, and in this capacity had charge of some of the most important structures then in progress. It was in 1877 that he was offered and accepted the appointment of professor of civil engineering and applied mechanics in McGill University. At that time the engineering courses in the University were managed as a department of the Faculty of Arts, and were without buildings or equipment. In 1878, however, a Faculty of Applied Science was constituted, Prof. Bovey was elected

its Dean and the new Faculty flourished under his care. Lately the magnificent McDonald endowments to the University have afforded him an opportunity for the display of his great executive ability, and it is owing largely to Dr. Bovey's untiring energy that the Faculty over which he presides has been brought to its present high state of efficiency. In fact, Dr. Bovey may be looked upon as the pioneer in Canada of University engineering.

In 1892 the University of Bishop's College conferred upon Prof. Bovey the degree of D.C.L. *honoris causa*.

At the conferring of the honorary degrees in 1893 at Queen's University, Kingston, Prof. Dupuis of that institution prefaced his presentation of Dr. Bovey's name for the degree of LL.D. with very complimentary remarks upon his work and attainments.

In 1893, at the unanimous instance of the Graduates' Fellows, the degree of LL.D. was granted by McGill University to Prof. Bovey, on the score of his distinguished standing in his own University (that of Cambridge), of his eminence as a writer on the subject to which he is devoted, and of his great services to this University.

When Prof. Bovey was admitted to the degree of LL.D. he was presented by Sir William Dawson, who said:—

"Mr. Chancellor, I have much pleasure in announcing that the degree of LL.D. *honoris causa* has been granted by the Corporation to Henry Taylor Bovey, M.A., of the University of Cambridge, and Dean of the Faculty of Applied Science. The eminent services of Dr. Bovey to the University and to the engineering profession in Canada are too well known to require mention, and have already been recognized by two of our sister universities in Canada and also in the United States. Dr. Bovey is also the author of two important works on Applied Mechanics, which have been favorably received in England and America, and of several valuable papers on this and allied subjects."

Much of the success of the Society of Canadian Civil Engineers is due to Dr. Bovey's labours as its secretary, which post he held continuously, from the foundation of the Society until compelled by increasing college duties to resign the office. Prof. Bovey is a Fellow of the Royal Society of Canada, a member of the Institution of Civil Engineers, also of that of Mechanical Engineers, and an honorary member of the National Electric Light Association of the United States. He was one of the original founders, and is still a member, of the Liverpool Society of Civil Engineers.

That his successful efforts in connection with the Faculty of Applied Science at McGill have met with recognition in other lands than our own may be inferred from the open secret that Dr. Bovey has