

ogy, Zoology and Botany, attended by a large number of students, who are regularly taught in its class-rooms and have access to its specimens and appliances. Laboratory work in Physiological Botany and Histology is carried on by Prof Penhallow, and the new Chemical Laboratories have enabled Dr. Harrington largely to extend the advantages enjoyed by students in Chemistry, Assaying and Metallurgy. The success which has attended these additions, and the immediate demand for instruction which they have developed, shows how much might be done by judicious expenditure in other departments of scientific work.

An important addition to the Physical Apparatus has been made by the acquisition of an Otto gas-engine of the latest pattern, purchased for the University by Mr. J. H. R. Molson, and a dynamo, for which last we are indebted to Mr. A. J. Lawson, agent of the Edison Electric Light System. While this apparatus will afford ample means for electrical experiments, it has also been employed in lighting the Convocation room with incandescent lamps.

Could pecuniary means be found, there is nothing now to prevent the University from extending its scientific teaching in the direction of laboratory work in Physical Science and in Electrical Engineering, the demand for which is rapidly arising.

OBSERVATORY.

The report of the Superintendent refers to the most important matters in connection with the work of last year. Reference is made to the perfection and public importance of the time service, the introduction of observations in solar photography, and the operations carried on in conjunction with Prof. Penhallow and the Natural History Society in the matter of Soil Temperatures, with the aid of a grant from the Elizabeth Thompson Fund, as well as the continuance of the meteorological work in connection with the Dominion Meteorological Office at Toronto. The observatory has also, in consequence of the accurate determination of its longitude some years ago, been enabled to give, in the past year, the data required for the determination of longitudes in the West in connection with the Dominion Surveys in that region.