

ment have evinced an appreciation of the claims of science, and a readiness to contribute liberally to its support, which challenge the admiration and demand the hearty acknowledgments of the scientific world.

"Resolved,—That the experiments which are now in progress at the Toronto Observatory, to test the practicability of self-registering photographic methods, the system of concerted Auroral Observations recently organized by Captain Lefroy, and the peculiar interest attached to magnetic observations made near the focus of maximum intensity, render it highly desirable that the Toronto Observatory should be continued in activity for a somewhat longer period.

"And inasmuch as a very extensive series of meteorological observations, embracing the entire area of the United States, is now in progress of organization by the Smithsonian Institution, and it would add exceedingly to the value of the proposed observations if simultaneous ones could be obtained from the region north of the United States, extending even to the shores of Hudson's Bay and the coast of Labrador; therefore—

"Resolved,—That the British Government and the Directors of the Hudson's Bay Company be invited to cooperate with the observers in the United States in united and systematic meteorological inquiries."

"3. *From Dr. Lloyd, President of the Royal Irish Academy,
to the Earl of Rosse, P.R.S.*

"Trinity College, Dublin,
November 13, 1850.

"DEAR LORD ROSSE,—I have to acknowledge the receipt of your Lordship's letter, in which you do me the honour to ask my opinion on the question of the continuance of the Magnetical Observatory at Toronto.

"I have long thought that the present state of some of the sciences connected with Terrestrial Physics demanded a *continuous* system of observation, and therefore the establishment of *permanent observatories* for their effective advancement; and I believe that I could easily cite, in support of this opinion, the authority of Humboldt, Herschel, Kupffer and others.

"I ventured to urge this view at the 'Magnetical Conference' held at Cambridge a few years ago, under the auspices of the British Association; and I believe that it was in the hope of carrying it out in this particular instance, that it was resolved to recommend to Her Majesty's Government to continue the observatory at Toronto for a limited time, in the hope that, before the close of the period, arrangements might be made with some of the colonial institutions to take it up.

"I am not aware what steps have been taken to carry out this latter object, or whether they have been taken and failed; should the latter be the case, the question is of course altered. But, even in that case, I would venture to suggest the importance of the *temporary*