

subject of the address was the relations of science and the State, which, he held, should be more intimate, because the advance of science was needful to the public weal. He pointed to the great importance attributed to the advancement of scientific education by the Governments of France, of Germany, and especially of the United States, and stated that we were inferior even to smaller countries—Greece, Portugal, Egypt, Japan—in the absence of organized State education. Scientific instruction in our middle-class schools was either insufficiently attended to or entirely ignored; but in spite of the obstinate tradition of classical education, the needs of modern life would force schools to adapt themselves to a scientific age. The change did not involve a contest as to whether science or classics should prevail, for both, he maintained, were indispensable to true education. The commercial enterprise and intelligence of Germans, Swiss, Dutch, and Greeks were already pushing aside English incapacity and, whole branches of manufacturers which

depend upon scientific knowledge were passing away from the country where they originated. Great Britain must follow the example of other European nations, and found schools for scientific and technical education. Referring to science in the Universities, Sir Lyon Playfair advocated larger grants from the State. On the relation of science to industry, he dwelt upon the immense aid which intellect had contributed to the advancement of every branch of industry. The economy of time and labour produced by the application of scientific discoveries was, he said, beyond all measurement. In fine, he stated that the English Government alone failed to grasp the fact that the competition of the world has become a competition of intellect. Without science no amount of learning would enable us to keep ahead, or even on a level, with foreign nations as regards knowledge and its applications to the utilities of life. At the close of the meeting, Sir Lyon Playfair announced that the membership had reached a total of 2,031.

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Our readers will observe that special attention has been given to the examination papers of this year in the July-August, September and October numbers of the Magazine; in many cases hints and answers are given, and for several papers solutions have been furnished to all the questions. We hope subscribers and others will show in a practical way their intelligent appreciation of the valuable work done by the editors of the different departments of *THE MONTHLY*.
