

man's love for his own opinion, and to prefer doubt to a rest upon uncertain data. Holding these views his habits of mind became impartial and broad. There was, however, early developed in him a self-trust that was far from conceit, for he never became too wise to learn. This habit of self-reliance was one of the main pillars upon which the structure of his greatness rose. Dr. Bence Jones has given as his greatest characteristics, considered as a philosopher, first, his trust in facts, and, second, his imagination—almost divination—which led him to facts. Faraday seemed to be a prophet speaking by authority. He had a judgment so clear that it seldom mistook in declaring the cause of a phenomenon, or in foretelling the ultimate result of a series of experiments. That element of inspiration was the great characteristic of the man, and while it detracted from his intellectual symmetry, yet it was the power that waked his energies, that led him on unwearied, and undaunted, and that made the discoveries to which it had lighted his path gleam with a startling brilliancy. Faraday stood in the front rank of discoverers, and in the world of science he will "be ever remembered by what he has done." One of his admirers has referred to him as "the greatest experimental philosopher the world has ever seen," and added the opinion that the growth of knowledge and the criticism of coming years will but add lustre to the name and laurels to the fame of "this mighty investigator." In the realm of experiment physical and mental nature combined to make him a king. His hand was strong and every muscle true. His mind was so alert and his answering vision so intent that the minutest phenomena of an experiment, and the least unexpected, were detected. The fields of his rich harvest were thoroughly gleaned. Doubting past theories, delighting in a fact, using hypotheses merely because he knew not what was possible, loving experiment because it taught him the possible, using the principles, both of inductive and deductive science, and firmly relying on himself,—on his nerves, muscles, sight, and reason he went forth to the very border lands of scientific knowledge, and blazed his pioneer way into many an unex-