

## X. THE TRUE ELEMENTS OF SOCIAL ADVANCEMENT IN CANADA.

(Extract from an Address on the Social Advancement of Canada, by the Rev. Dr. Ryerson—October, 1849.)

It is my earnest prayer, that the "internal guard" of a truly *Christian* education may be planted in the heart-citadel of every youth of our land. It is the union of moral and intellectual qualities which adorn and elevate the individual man; and it is their united development which constitutes the life and strength, the happiness and progress of society. If then we wish to see our country accomplish its high destiny—our unbroken forests converted into waving wheat fields—single manufactories growing into prosperous towns, and towns swelling into cities—canals and railroads intersecting the various districts, and commerce covering the rivers and lakes; if we wish to see our institutions settled and perfected, and our Government fulfilling its noblest functions—our schools and colleges radiating centres of intellectual light and moral warmth to the youthful population—the poor as well as the rich properly educated, and a rich and varied home literature created—the experience of past ages giving lessons in all our domestic dwellings, by means of books and libraries;—in a word, if we wish to see the people of Canada united, intelligent, prosperous and happy—great in all that constitutes the real grandeur of a people—let us feel that the eventful issues of that anticipated futurity are in our hands, and that it is for each individual of our grown-up generation to say how far these hopes of patriotism and philanthropy shall be realized or disappointed. Above all, let us never forget that there is a moral as well as physical universe, and as it is in the harmony of the two that the perfections of the divine character and government are fully displayed, so it is in the harmonious development of the *moral* with the intellectual man that the perfection of his nature consists. What God has joined together we must never put asunder in any of our plans and efforts for the social advancement of Canada. Our motto should be the words of the inspired Isaiah—"Wisdom and knowledge shall be the stability of thy times—the possession of continued salvation; the fear of Jehovah, this shall be thy treasure."—[Bishop Louth's Translation.]

## XI. THE GREAT VALUE OF INVENTIONS AND DISCOVERIES.

(Extract from an Address, by the Rev. Dr. Ryerson, on Canadian Mechanics and Manufactures—January, 1849.)

Very few of those who have distinguished themselves as the authors of discoveries, inventions and improvements in mechanical science, have enjoyed greater advantages of leisure and resources, than can be commanded by the majority of mechanics in Upper Canada; and yet what unspeakable benefits have those humble men conferred upon the human race! To select only a few illustrations. Who can conceive the political and social revolutions which have already resulted from the European discoverer of the magnetic needle,—that sleepless, unerring, faithful little pilot, unblinded by the starless midnight and unmoved by the raging tempest,—which at once relieved the mariner from his timid creeping from headland to headland, and among its first feats opened the commerce of India, and guided Columbus to the discovery of a new world—the most important event in the history of modern nations and modern civilization. What mind can imagine the results to mankind, in every department of science and knowledge, in every aspect of civilization, and in every interest of civil freedom and social advancement, which emanated from the humble inventor of the Art of Printing,—an art which seems to be but in the mid career of its improvements, and whose magic power appears destined at no remote period to penetrate yet unexplored regions of humanity, and to transform