can love Him. All these attributes, the study of —that, the more we know His works the nearer His works had made known before He gave that we are to Him. Such knowledge pleases Him; more perfect knowledge of himself with which we it is bright and holy, it is our purest happiness are blessed. Among the Semitic tribes his names here, and will assuredly follow us into another life betoken exalted nature and resistless power; if rightly sought in this. May He guide us in its among the Hellenic races they denote his wisdom; pursuit; and in particular, may this meeting which but that which we inherit from our Northern an- I have attempted to open in His name, be successcestors denotes his goodness. All these the more full and prosperous,—so that in future years they perfect researches of modern science bring out in ever-increasing splendour; and I cannot conceive as one to be remembered with unmixed satisfacanything that more effectually brings home to the mind the absolute omnipresence of the Deity than high physical knowledge. I fear I have too long trespassed on your patience, yet let me point out to you a few examples. What can fill us with an overwhelming sense of His infinite wisdom like the telescope? As you sound with it the fathomless abyss of stars, till all measure of distances seems to fail and imagination alone guages the distance; yet even there as here is the same divine harmony of forces, the same perfect conservation of systems, which the being able to trace tude of objects—animate and inanimate—arrest in the pages of Newton or Laplace makes us feel our attention. Whether we walk abroad upon the as if we were more than men. If it is such a tri- surface of the earth amidst its mountains and valas it we were more than men. If it is such a fill-surface of the earth amust its mountains and valumph of intellect to trace this law of the universe, leys, its forests and plains, or penetrate into its how transcendent must that Greatest over all be bowels, or examine its oceans and rivers, or turn in which it, and many like it, have their existence! our eyes to the surrounding atmosphere and the That instrument tells us that our globe and we are vault of the starry heavens,—we are overwhelmed but a speck, the existence of which cannot be perducted beyond our system. Can we then hope works of the Almighty, differing not more in their that in this immensity of worlds we shall not be number than in their variety, from the atom to overlooked? The microscope will answer. If ponderous worlds, from the insect sporting in a the telescope lead to one verge of infinity of brings along the value of water through all the gradations of animate. the telescope lead to one verge of infinity, it brings drop of water through all the gradations of animate us to the other; and shows us that down in the life up to man and to angels. Science is a know-very twilight of visibility the living points which ledge of the laws which govern the material and it discloses are fashoned with the most finished immaterial worlds. These laws can be ascerperfection,-that the most marvellous contrivances tained only by the discovery of a vast number of minister to their preservation and their enjoy- facts; from observations, comparisons and deduc-ment,—that as nothing is too vast for the Creator's tions, by observers placed in various circumstances ment,—that as nothing is too vast for the Creator's control, so nothing is too minute or trifling for His care. At every turn the philosopher meets facts which show that man's Creator is also his Father,—things which seem to contain a special provision for his use and his happiness:—but I will take only two, from their special relation to this very district. Is it possible to consider the properties which distinguish iron from other metals, without a conviction that those qualities were given to it that it might be useful to man, whatever other purposes might be answered by them? That it should be ductile and plastic while influenced by heat, capable of being welded, and yet discoveries. All facts occur in accordance with enced by heat, capable of being welded, and yet discoveries. All facts occur in accordance with by a slight chemical change capable of adaman-some established law of nature; such fact is, tine hardness,—and that the metal which alone therefore, an illustration of that law, and may lead possesses properties so precious should be the to its discovery. An accidental experiment of a most abundant of all,—must seem, as it is, a mir-boy led to the invention of the telescope. The acle of bounty And not less marvellous is the observance of the fact that water could rise to only prescient kindness which stored up in your coal- 32 feet in a vacuum—led to the discovery of the fields the exuberant vegetation of the ancient world, weight of the air, the construction of the baromeunder circumstances which preserved this precious ter, and the true principles of the pump. The magazine of wealth and power, not merely till He swinging of a chandelier attracting the attention had placed on earth beings who would use it, but of Galileo at a time when his thoughts were dieven to a late period of their existence, lest the rected to similar subjects, resulted in the discovery element that was to develope to the utmost their of the principles of the pendulum. The falling of the principles of the pendulum.

we can trust in Him,-that He is good before we all, which I would wish to impress on your minds

LECTURE DELIVERED LAST WINTER BEFORE THE MECHANICS' INSTITUTE IN TORONTO, BY J. HURL-BURT, M. A.

(Concluded from page 273.)

We are placed in a world where a vast multicivilization and energy might be wasted or abu- an apple at a favourable moment, directed New-sed. But I must conclude with this summary of ton's thoughts to the laws of gravity, and the mo-