tions of the heavenly bodies. But these and simi- yet been revealed to the mind of mortal from the lar facts had been observed from the creation volume of nature. Why not with the same result? millions of times. had not been sought after.

predict the glorious result. Let the continents and the islands, the water and the land, on their surface! comprehension! and in their depth, be filled with anxious inquirers lies within the range of human inspection, be into the secrets of nature; let them question her more thoroughly explored, uncertainty will constitute the secrets of nature. tion in the history of science. In those ages when only a few solitary individuals directed their attention to such pursuits, little or no progress was made in the various departments of science. But when the human mind arose from its slumber and burst its fetters, and the number of rational invesligators began to increase, science and art were accelerated in their progress. When the Academy of Sciences in Paris, and the Royal Society of London were established, some of the sciences of the present day had no existence in name. Similar societies soon sprang up in different parts of Burnett filled the centre of the earth, is now con-Christendom under the name of "Literary Associations," "Society of Arts," "Mechanics' Institutes," &c. These have brought together the scattered fragments, the facts, the elements of four elements of the ancients have multiplied into arranged sciences.

Let inquirers go forth; let men engaged in the Water had risen in vacuums: bodies had vibrated practical pursuits of life be conversant with sciin the air; apples had fallen from the plucking of ence, and let scientific men become students of the fatal one in Paradise till the fall of the fortunate one which awakened the "patient thought" given to every department of science. The vast of the Great Philosopher. The facts had been universe has never yet been thoroughly explored; witnessed, but the causes which produced them we have but commenced the search; we are only sporting with the pebbles upon the shore of the boundless ocean of undiscovered truth. We have How often, indeed, do we tread upon the very threshhold of the arcana of nature, the most important discoveries, or the richest mines of intelectual wealth, without being conscious of our proximity to them. Like the rich mines of our vast Continent, which have forages, been trodden under the foot of the untaught aborigines, undiscovered, or when disclosed, their value unknown; but when sought for by the patient intelligent; but when sought for by the patient intelligent; annimate, too minute or too remote for the eye or for time shoundless ocean of undiscovered truth. We have carelessly examined a few grains of sand upon the surface of our globe, but its depths remain unexplored; we have caught a glimpse of the nearest point the few points of the heavenly bodies, but the vast wilderness of the heavenly bodies, but the vast wilderness of worlds lie beyond the reach of the most powerful plored; we have caught a glimpse of the nearest portant discovered, or when disclosed, their value unknown; but when sought for by the patient intelligent. tiply, new mines of increased wealth are brought animate, too minute or too remote for the eye or for to light, until the discovery of a gold mine excites glasses, an are inwrapped in impenditual to light, until the discovery of a gold mine excites tery; and of things visible how imperfect our no more astonishment than the passing events of knowledge beyond the declaration of Holy Writ,

That Author—the Infithe day. Let the observers of nature be multiplied that God is their Author. That Author—the Infinite Perfection-how immeasurably beyond our

closely, and she will reveal ten thousand wonders tinue to rest upon many interesting departments more marvellous than those already known. An of knowledge, and many of our most specious ample field for discovery still remains. The sci-theories in the sciences must be considered as ample field for discovery still remains. The serious ences are as yet far removed from perfection; they are but in their infancy; many of them have but just beginn their progress; the elements of the propensity to theorize without facts, has led there are still uncertain or undiscovered. The regard to both mind and matter. The observance regard to both mind and matter. researches of ages may be necessary to give them of fact is too slow a process; the formation of theories is more in accordance with our impatience. Consequently theory has been reared upon theory, and system upon system; each obtaining its admirers and period of applause, till subsequent discoveries have swept them away as a dream or vision of the night. The crystaline spheres with which Ptolemy had enclosed the heavens, are dashed to pieces; the vortices of DesCartes have long since ceased their whirling; the earth which Tycho-the Danish astronomer-placed in the centre of the universe is now in rapid motion through the skies; the abyss of water with which verted into a mass denser than the solid rock; the subtle ether which formerly accounted for so many sixty; and the sparkling diamonds in the heavens, Nor let it be objected that the great bulk of mankind are incapable either from want of time or shifty of making discoveries. All have the same own intrinsic infirmity. The human mind, too ability, of making discoveries. All have the same own intrinsic infirmity. The human mind, too senses and the same powers of reasoning; and the impatient to collect facts, leaps at the conclusion great book of the universe, from which all discov- by some bold theory. The period has not yet arcries have been made, is equally open to all, from rived when any material portion of the human the peasant to the king. We cannot open our eyes, family devote their attention even partially to sciwe cannot step, or breathe, without being sur- ence; the great body of mankind still suffer their founded with mysteries more mysterious, and faculties to lie in a state of langour and inactivity, buths more profound, than those which have ever and those who are more vigorous, are too much