sial bane of endless disorders, that to many render life a burden.

But our argument rests not even on this single proof, though this alone were sufficient to all intents purposes. What were the numerous tribes of na—the aborigines of this immense continent? Indians—the aborigines of this immense continent? Revengeful, bloodthirsty, and cruel, it may be—but no artificial diseases, brought on by dissolute habits, entered the wigwam of the Indian. Athletic and courageous—subsisting, like the ancient Britons, on the same simple fare Nature had provided for them—and subtled in such articles as the season of the man of the same such articles as the season of the man of the same such articles as the season of the same and articles as the season of the same and articles as the season of the same are same as the same are same as the season of the same are same as the season of the same are same as the same are same are same as the same are same as the same are same as the same are same are same as the same are same are same as the same are same as the same are same as the same are same are same as the same are same as the same are same are same are same are same as the same are same clothed in such articles as the season of the year demanded. Life rolled on like a pleasant stream; armanucu. Into tortice on the a preasure stream; affired at maturity, they insensibly became subject to organic decay, and breathed their last with as much composure, and as much case, as they sunk to slum-

ber.
The same may be advanced of the inhabitants of The same may be advanced of the inhabitants of Otaheite and the Society and Priendly Islands, from a no less respectable authority than Captain Cook, the navigator. "I could find," says he, "marks of no disease whatever, not so much as an eruption on the surface of the skin;" and adds, that "they appeared to be totally ignorant of disease." The hardiest race of men, the handsomest and most elegantly shaped women, that now exist, according to the nasurpassable figure of the famous Venus de Medicis, may probably be found in Circassia, and in the Highmay probably lands of Scotl be found in Circassia, and in the Highlands of Scotland; in the latter place especially, when ardent spirits are abstained from, we know not of a more patient, or a hardier, set of people at present on the face of the habitable globe.

With regard to ancient history, one instance will suffice for our purpose. Lycurgus, the great law-giver, when he renovated, if I may so speak, the Spartan republic, or laid the foundation of a new dynasty, established such wise and salutary laws, as cleansed the state of evil habits, and banished disease from among the Lacedemonians, by the temperate diet he obliged them to use, and by excluding every article of food from the public tables at which the Spartan youth fed, and every pernicious custom, having a ten-dency to effeminate or debilitate the bedily organisation; consequently, with a hardy and robust consti-tution, they were afflicted by no ruling constitutional complaints: their republic stood for a longer period than any other that has up to this time existed; they became the bulwark of the Grecian states: three hundred valorous spirits and nervous arms, with their general Epaminondus, not only withstood, but actually defeated, the overwhelming army with which the enervated Persian monarch Darius invaded Greece. But, alas! a few ages, and what a terrible change in the constitution of the human family!

We have seen sufficient to prove that, making allowance for difference of climate, &c., the human family is taught the same casy familiar lessons by Nature, and that her harmonious laws are less liable to be trespassed upon. How this sad change has taken place, and how misery and disease has given a handle to atheists and freethinkers, I shall notice in its proper place; and hasten to bring forward the last but most forcible and striking proof in advocacy of our argument, from the Holy Scriptures.

The history of the Jews affords us a triumph and crowning evidence that diseases are artificial! It is true it may be edvanced that they were a peculiar people, and under the especial care of Divine Providence; but God never works a miracle, when the operation of the laws upon which he has founded his government can accomplish his purposes. This was ex-emplified in a peculiar manner during the sojourn of the Hebrews in, and their escape from, the land of Egypt. Looking at their history from the time of the delivery of the moral code on Mount Sinai, together with the political and domestic codes, given to them by with the political and domestic codes, given to them by Godhimself, we shall find, that so long as they kept these laws, they were free from diseases of every description. That of leprosy was supernatnal. Judgments they were specially visited with, in the form of pestilence, &c., for their transgressions; but when we came to examine their civil code closely, it will be found that there was not one law that was not constituted to the state of t found that there was not one law that was not conducive to health and happiness. The prehibition of
eating swine's flesh, which in Palestine, a warm country, would have tended to the promotion of scrofulous
distempers, shows us plainly that Jehovah regarded the
health of his chosen people as no mean consideration.
Their times of rest—their appointed hours of labour—their abstinence from intoxicating drinks—were allpromotive of health, freedom from sickness, and essentially conducive to longevity. Their matrimonial connexions were founded by the same inscrutible wisdom,
and productive of similar effects.

The Jewish polity was incomparable, and was.

and productive of similar effects.

The Jewish polity was incomparable, and was, doubtless, the foundation of many of our British laws. But we find David complaining, in his day,—" the life of man IS"—not was, nor yet shall be—" three-store years and ten; and if by reason of strength they be fourscore years, yet is their strength labour and sorrow." Why I Because constitutional degeneracy, the effect of wilful trangression, had caused them to The Jewish polity was incomparable, and was, doubtless, the foundation of many of our British laws. But we find David complaining, in his day,—"the life of man IS"—not was, nor yet shall be—"three-life of wild in the cleering its passing."

Mr. Dalton gives the following account of the Autoria of azot and oxygen: and, therefore, produce the gas cous fluids above mentioned; giving birth to red and vokitle vapours, which, clevated in the atmosphere. Form the aurora berealis.

They come underfour different descriptions:—
Ist. A horizontal light, like the break of day.

2d. Pine slender luminous beame, well defined, and of dense light, which often centinue a minute at test.

Let there be a cessation of vice—of bad habits—(I a continual viciation of the governing principle of matter—and life will be giadually prolonged, as a natural consequence—which would be felt by succeeding generations. But men selfshly plunge into sinful and ridiculous practices, and by so doing, cut short by constitutional degeneracy, the lives of their posterity.

Let us see whether this explanation of the passage for the property of the second of the passage.

from the Psalmist will bear comparison with one of a much earlier date. "I the Lord thy God am a jea-lous God, visiting the iniquity of the lathers upon the children unto the third and fourth generation of them that hate me." See also a corroboration of the above in Exod. xxiv. 7. Job xxi. 10. Jeremiah il. 9; xxii. 18. They are to be visited, not in themselves judicially, by immediate execution of sentence, but after they have borne their own incubus, that crime always brings, a weakened constitution is delegated to the brings, a Weakened constitution is delegated to the second, third, and fourth generation of their innectiate families—and will continue to be so, unless a saving reformation in the intermediate lineage, or some counter physical operation by matrimontal connexion, in terferes. Another passage informs us, that God will not visit the sins of the fathers upon the children. We understand that to mean, by any peculiar mark of his displeasue, but only, as in the former case, by a non-interference in the usual organic cause of de-

We must now hasten to a conclusion on this very interesting and important head, as I consider that it has been satisfactorily, though briefly, proved, in the three last articles, that man is not the absolutely de-

ereed hereditary subject of disease.

It has been from a mistaken view of the causes the misery and affliction which seem to increase on the human family, that infidelity has had room to cavil at Christanity, by endeavouring to father evil upon the bountcous Giver of life and affits enjoyments—instead of tracing it to its legitimate source, the felly and perverseness of man-which, at the same time that it perverseness of man—which, at the same time that the castablishes his free agency, marks most glaringly his deep depravity, and verifies the awful truth, that "the heart of man'is deceitful above all things, and desperately wicked."

Montreal, July, 1842.

TO THE EDITOR OF THE CHRISTIAN MIRROR.

DEAR SIR, -As the Aurora Berealis is no uncommon thing to the inhabitants of this part of the world, the following facts and theories relating to it, gathered from authentic sources, may perhaps be interesting to that portion of your readers not already acquainted with them.

I do not effer them as any thing new, or placed in a new light, but merely as I have gathered them for my own information.

Should you deem them worthy a place in your interesting periodical, they are respectfully placed at your service, by

Your constant reader.

AURORA BOREALIS, Northern Lights, or STREAMERS,—A kind of meteor, appearing in the northern part of the heavens.

"In the Shetland Islands, the merry dances, as they are there called, are the constant attendants of clear evenings.

In the nothern latitudes of Sweden and Lapland

In the nothern latitudes of Sweden and Lapland, they are not only singularly beautiful in appearance, but afford travellers, by their almost constant effulgence, a very beautiful light during the whole night. In Hudson's Bay, they diffuse a variegated splendour, which equals that of the full moon.

In the nothern parts of Siberis, they are observed to begin with single bright pillars, rising in the north, and almost at the same time in the north-cast, which

ocgan with single bright pinars, rising in the north-cast, which gradually increasing, comprehend a large space of the heavens, rushing about frem place to place with incredible velocity, and finally, almost cover the whole sky up to the zenith, and preduce an appearance as if a vast tent was expanded in the heavens, glittering with gold, rubee, and sapphires. A more beautiful spectacle cannot be painted; but whoever should see such a northern light for the fist time, could not behold it without terror. For, however fine the illumination may be, it is attended with such a hissing, cracking, and rushing noise through the air, as if the largest fire works were playing cff. To describe what they then hear, the inhabitants make use of the expression "spotechichodjat," that is, "the ruging heat is passing."

Mr. Dalton gives the following account of the Aurora Borcalis:—

to infer, that it was a remarkable circumstance that the lives of the people had been so abridged—instead the beams which they succeed. These are only monoton that they had not been longer during past years, or ever would be lengthened sgain.

Let there be a cessation of vice—of bad habits—of a continue for heart slashing at intervals.

4th. Accemearly in the form of a rainbow. when complete, go quite acress the heavens, from one point of the horizon to the opposite point.

These appearances generally succeed each other in the following order:—Ist. The faint rainbow-like area; 2d, the beams; and 2d, the flashes. The northern harizontal light appears to censist of an abundance. dance of flushes, or beams, blended together by the situation of the observer. The beams of aurora appear at all places to be ares of great circles of the sphere, with the eye in the centre; and these ares, it prolonged upwards, would all meet in a point.

The rainbow-like ares closs the magnetic meridian

at right angles.

When two or more appear at once, they are con-centre, and tend to the cast and west; also the broad are of the herizontal light tends to the magnetic cast and west, and is beserved by the magnetic meridian; and when the aurera extends over any part of the hemisphere, the line separating the illuminated part of the hemisphere from the clear part, is half the cir-cumference of a great circle, crossing the magnetic meridian at right angles, and terminating in the cest and west.

That point of the heavens to which the beams of the aurora appear to converge, at any place, is the same as that to which the south poll of the dipping needle points at that place. The beams appear to rise above each other in succession; so that of any two beams, that which has higher bese has also the higher summit. Every beam appears breadest at or near the base, as d to grow narrower as it ascends; so that the continuations of the bounding lines would meet in the commen centre to which the beam tends.

The height of the minbow-like ares of the aurora borealis is estimated by Mr. Delten to be 150 miles

above the earth's surface.

Mr. Bergman, from a mean of thirty computations. makes the average height of the aurora borcalis to be 468 miles. Culer supposes the height to be several thousands of miles; and Mairan also assigns to these phenomena a very elevated region, the far greater number being, according to him, about 200 leagues above the surface of the earth. Many attempts have been made to determine the cause of this phenomena. Halley imagines that the vapours, or effluria, exceedingly rarefied by subterrancous fire, and tinged with sulphurcous streams, which many naturalists have with sulphir constreams, which many naturalists have supposed to be the cause of earthquakes, may also be the cause of this appearance; or that it is preduced by a kind of subtle meteor, freely pervading the peres of the earth, and which, entering into it nearer the sou-thern pole, passes out again with some force in the ather, at the same distance from the northern. This wther, at the same distance from the northern. This subtle matter, by becoming more dense, or having its velocity increased, may perhaps be capable of preduc-ing a small degree of light, after the manner of efflu-via from electric bedies, which, by a strong and quick friction, emit light in the dark; to which sort of light this seems to have an affinity.

Mr. Canton, soon after he had obtained electricity Mr. Canton, soon after he had totalized electricity from the clouds, offered a conjecture, that the aurora is occasioned by the dashing of electric fire positive towards negative clouds at a great distance, through the upper part of the atmosphere, where the resistance the upper part of the atmosphere, where the resistance is least; and he supposes that the aurora which happens at the time when the magnetic needle is disturbed by the heat of the earth, is the electricity of the heated air above it, and this appears cheifly in the northern regions, as the alteration in the heat of the air in those parts is the greatest.

Dr. Franklin supposes, that the electric fire discharged into the polar regions, frem many leagues of vapourised air raised from the ocean between the trerics, accounts for the aurora herealis; and that it appears first where it is first in motion, namely in the mest nothern part; and the appearance preceds southward, though the fire really moves north-

Mr. Kerwan supposes the rarefaction of the atmespere in the polar regions to proceed from the aurora borealis, and they from a combustion of informable air caused by electricity.

M. Libes is of opinion, that the aurora berealis is caused by nitric acid, nitrous gas. He observes, that if we excite the electric spark in a mixture of azotic and oxygen gas, these substances will result severally, according to the relation which subsists between the two gases; and that these sgbstances, under different