of the earth's surface. Here we find the own also. tombs of animals which lived and died long before man appeared in the world. Remains of both marine and terrestrial animals are encased in these rocks as memorials of can not only read the local changes in the world at those periods, but we can also us to compare geological time with the Scriptural account of these great changes. There are four distinct periods before the modern period in which man appears, and each of these periods has its several subthese geoligical periods cannot be rightly estimated unless we examine more minutely into the subject. Take, for example, the Delta of the Mississippi. The time occupied in the formation of those enormous deposits, allowing for the immense quantity of the soil which is swept into the Gulf of Mexico, must be measured by tens of thousands of below. The next was the formation of the years. And yet this formation belongs to dry land. The state of chaos then existing the modern period, because shell-fish and cypresses, products of the modern period, existing elements, but the whole earth prewere alive when these deposits were commenced. Allowing 20,000 years for the surface. Geological phenomena illustrate accumulation of these deposits, which is a moderate estimate, if we multiply this 20,-000 years by five, and this again by four, geological time. In Nova Scotia coal times, yet this is but one formation of one oldest fossiliferous rocks of geology. The Geological period. In the whole of these creation of the lights in the firmament of the several periods the laws of nature remained heavens is the next in order of the series. fertilized the land. Distinct impressions, sun's luminous atmosphere, and possibly The same wise ruler directed the affairs of creation of living creatures was the work for swimming. These animals were in some now extinct. instances of enormous dimensions. Still of animals or of the existence of man. In the tertiary period we find mammals akin to the elephant. Reptiles had shrunk in their dimensions. The mastodon, the mammoth, and the megatherium walked the earth. We thus see a gradual rising in the complexity of nature.

here laid down coincide with the evidence of the Bible.

narration of events and elsewhere, in which coincidences appear in other periods. Both the word day is used for an indefinite period, records represent death as existing among as, for instance, "in the day when the Lord | the lower animals before the creation of created the heavens, and the earth," "the man. Scripture and Geology both mention great and notable day of the Lord," &c. It among the races of animals previous to man, is impossible to find in the Hebrew a word carnivorous animals—beasts and birds of expressing an indefinite period of time better | prey, who fed on their kind. But the inthan the word day, as used in these cases. troduction of man instituted a new order of A late writer gives the following ingenious things, and these carnivorous animals might explanation. He begins by asking in what have disappeared had man remained innomanner this revelation was made to Moses. | cent.

order of deposit exists all over the world. our short week being a type of the long what that part shall be.

The first act of creative wisdom in the order given, was the creation of light. There could have been no more appropriate introduction to the work than this great ages past and gone. By means of these we agent, including as it does, heat and electricity. The planetary hypothesis of La Place may enable us to give a conjectural trace out more general conclusions, enabling explanation of this. The luminous matter now surrounding the sun may have originally occupied the whole space of the solar system. In the progress of things this nebulous mass of luminous matter gradually began to concentrate. As soon as this mass divisions. The lapse of time in each of of matter came within the orbit of the earth, the creation of day and night took place.

The Scripture places as next in order the creation of the firmament. This is our atmosphere, with all the wonderful provisions connected with it for distributing moisture, and at the same time separating by a film of clear air the waters above from those was not a confused mingling together of the sented a smooth and unbroken spherical this part of the narrative. The earth was agitated by volcanic and other causes, the masses of the surface of the earth were we shall be far below the requirements of broken up, and the elevation of certain portions resulted in the formation of dry measures are found having a thickness of land. The next in the series was the for-14,000 feet. Here are one hundred dis- mation of plants, "the grass, the herb yieldtinet fossil forests in which trees have grown ing seed, and the tree yielding fruit whose up, died, and been buried, to be succeeded | seed was in itself." This plant creation by other forests, and so on for a hundred was probably antecedent to the date of the the same. The sun, the dew and the rain This indicates the final concentration of the of rain are found in the coal formation, other astronomical arrangements. The this world by the same immutable laws. of the next day. "And God created great In the palæozoic period we find no higher | whales, and every living creature that order of creatures than fish, except a few moveth, which the waters brought forth small reptiles. We see vegetable produc- abundantly." The last act of the series, tions of great size but with little variety. previous to the formation of man, was the Plants of the lowest forms are found in that | creation of cattle and creeping things, and period growing to the height of great trees. beasts of the earth. The researches of The middle period was marked by an ad- geology likewise, show that at this time, dition to the race of animals. Reptiles of which we may identify with the tertiary every description peopled the earth, some period, the herbivorous and carnivorous with wings for flying, some with feet for mammals were created, as the mastodon, walking on the land, and some with fins the mammoth, and the other great animals,

The lecturer in conclusion, asked leave there was no evidence of any higher order to direct their attention to a few general conclusions. The Scriptures and geology both testify to the fact that there was a creation. The Scriptures begin the account with a statement which science reaches with slow and careful steps. Both testimonies show, that each of the successive periods of the earth bore an intimate relation with III. We ask now, does the succession every other period. In both accounts, we are told that the sea produced the first living creatures. In its oldest period geology has In the Hebrew are many instances in the discovered only marine ganimals. Similar

mains of animals found in the different strata that this last view of the subject was his vealed account of creation and that which to the other. interests. The Bible fears no investigation. looking forward with laudable anxiety to knowledge with calm security. It watches the future moral welfare of the people. the antiquary ransacking among classic The communications on this subject which sparkling elation it follows the Botanist as pared to offer any lengthened remarks. ing of those events, with whose predicted as having set the example in the commencestory inspiration has already inscribed its ment of so good a work. page. It is not light but darkness which the Bible deprecates, and if men of piety were also men of science, and if men of respondent for some very interesting parscience were to search the Scriptures, there ticulars relative to the state of the Baptist would be more faith in the earth, and also Denomination in that flourishing Province. more philosophy. We have, I trust, seen As he states himself, he has only as yet that the Bible has nothing to dread from given us the dark side of the picture, a the revelations of Geology, but much to side, it must be remembered, which belongs hope in the way of elucidation of its mean- to every religious body in every country ing and confirmation of its truth. If con- however devoted their efforts or encouragand predictions of the Book of God, your the Baptists in Canada; for it is but a very race, and to every individual of it who, in contend with, we do not believe that in humility and self-renunciation, casts himself any country they have made a more rapid in faith on that Divine Redeemer, who is and substantial advance. Unlike most othat once the Creator of the heavens and the exparts of North America, Canada West, earth, and the brother and the friend of the the great centre of future population and penitent and the humble.

Christian Messenger

HALIFAX, JANUARY 16, 1856.

In no branch of mental improvement has more been done of late in North America, than in the adequate provision for sound, moral and intellectual culture for the Female sex. This subject has, especially in no part of the world are there more solid within a few years, engressed to a large reasons for Baptists to "Thank God and extent the liberality and energy of the take courage." As we have before reneighbouring Union, and by no portion of marked, we look forward with satisfaction the people have greater or more praisewor- to the not far distant day, when our interthy efforts been made in effecting the de- course by Railroad will be vastly more fresired object, than by our own Denomina- quent and easy than at present. tion. Schools, Academies, and at length even Colleges, endowed and organized to meet the exigencies of public feeling, have sprung up in all parts of the country, in which females may receive a sound; useful or highly finished Education according to individual tastes and opinions. It may possibly be objected that some of the Institutions referred to are for carrying female instruction a little beyond its proper province, and indoctrinating the gentler sex in those sciences and species of learning which to some might seem incompatible with the peculiar duties assigned them by the fixed Was it by audible words, or by visions of Lastly, Both records represent man as the vocation in the human economy is a high few short years we have to spend here; the scenes to be described? It is more last of God's works, and the culminating and holy one—but it is not, nor can it ever and will give us ideas of our connection probable that the acts of creation were re- point of the whole creation. Man is the be made the same as that of man Her with eternity and the vast universe, which presented to him by a series of pictures pass- capital of the column; and, if marred and de- true domain is within the sacred limits of ing in review before him, each period of faced by moral evil, the symmetry of the the family, where the first seeds of every hearts and lives. "The works of the Lord creation called in the Bible a day being a whole is to be restored, not by rejecting him moral and every religious virtue are to be are great, sought out of all them that have separate representation; and, therefore, altogether, like the extinct species of the an- implanted, chiefly by her tender, fostering pleasure therein." Moses may have called each one of these cient world, and replacing him by another, hand. Every attempt, therefore, to alter periods a day. But some object to this on but by re-easting him in the image of his or transpose their respective duties and obthe ground that it invalidates the fourth Divine Redeemer. Man, though recently ligations as between the sexes, must evencommandment. To this it may be answered introduced, is to exist eternally. He is, in tually fail. But we do not apprehend any that the work of creation was accomplished one or another state of being, to be a wirness serious evil from all that has been, or is in six days or speriods of time, and "He of all the future changes of the earth. He likely to be done as yet, in over-stepping rested on the seventh day from all his work has before him the option of being one with these great natural boundaries by a somewhich he had made." We have no evidence his Maker, and sharing in a future glorious what too fervent seal, or a mistaken view of to disprove the fact that this seventh day and finally renovated condition of our planet, the rights of women. The error has for continued from that time down to the present. or of sinking into endless we and degrada- so long a time been so much on the other This present age of the world is the seventh tion. Such is the great spiritual drama of side, that we rejoice to find the community day, and God having finished his work of man's fate, to be acted out on the theatre of waking up to the duties which one half of predecessors, besides some very original matter it has

tion, and in this manner has the crust of creation, is still resting from his labor, and this world. Every human being must play the world so righteeusly owe to the other. the earth been formed. The same general so will continue to rest till the end of time, his part in it, and the present must decide If public Institutions under a sound, careful, moral and religious supervision are a As a history of the earth, geology would be creative week. This is the view taken by The coincidences that we have marked at blessing to one part of our youth, we can of little value were it not for the fossil re- Hugh Miller, and the lecturer remarked every step of our progress between the re- not possibly see why they should not be so

is inscribed on the stony monuments dis- We are gratified, therefore, in finding the closed by geology, should strengthen our subject acquiring an increased importance faith in the Word of God as an inspired in the minds of the people of Nova Scotia guide in reference to our future and highest and New Brunswick, and that they are Coming from God, and conscious of nothing meet the growing wants of the age, in this but God's truth, it awaits the progress of as in many other matters likely to affect ruins, and rejoices in every medal he dis- have for some time past appeared in our covers and every inscription he deciphers; pages, and especially the spirited commencefor from that rusty coin or corroded marble ment of a Female Institution, which has it expects nothing but confirmations of its just been made by our valued friends in own veracity. In the unlocking of an Pleasant Valley, bring the whole matter Egyptian hieroglyphic, or the unearthing of before our people in a practical view. As some ancient implement, it hails the resur- to the number, extent, or peculiar organizarection of so many witnesses; and with tion of such Institutions, we are not prehe scales Mount Lebanon, or the Zoologist There are, however, many among us no as he makes acquaintance with the beasts of doubt who are fully qualified to communithe Syrian desert; or the traveller as he cate their thoughts with profit to their stumbles on a long lost Petra, or Nineveh, brethren, and to which task we would resor Babylon. And from the march of time peetfully urge them. In the meantime the it fears no evil, but calmly abides the fulfil- spirit and liberality of our Pleasant Valley ment of those prophecies and the forthcom- friends are deserving of great commendation

We are indebted to our Canadian Corvinced of this, I trust that you will allow ing their prospects. We have watched with me now to ask for the warnings, promises great interest the "rise and progress" of entire confidence; and in conclusion, to few years since they have obtained anything direct your attention to the glorious pros- like a footing there, and to any one who pects which it holds forth to the human considers the obstacles they have had to power, has been within our own memory, settled wholesale, so to speak, from the old. Country and Lower Canada, by Episcopalians, Presbyterians and Romanists, carrying with them all their several peculiar forms and opinions in their full vigour, and transplanting them into the newly settled soii. Surely under this view of the facts, our brethren in Canada have no cause of discouragement in reference to what has been done, or any reason to distrust the continuance of Divine favour in their behalf. On the contrary we feel assured that

> Our readers will be pleased to know that Dr. Cramp has promised to let us have the substance of his lecture on the "Plurality of Worlds," for publication, as soon as his engagements will permit him to prepare it from his short-hand manuscript.

From our brief notice of it last week, the subject will be seen to be one of deep interest, which together with that from Professor Dawson on our first page, lead us to the contemplation of vast periods of time, and to depths of unfathomable space, calculated to enlarge the mind and conduct must have a beneficial influence upon our

> Brief Notices of Books. [Received from E. G. Fuller, Halifax.]

OLIVER and the JEW FAGIN; from the Oliver Twist of Dickens.

The author in his preface-says :- In this history of Olivers's life, I have wished to show the principle of good surviving through long adverse circumstances and triumphing at last."

HARPER'S MONTHLY MAGAZINE for January,

the comm Dorritt." BLACK and Dec., This old and fresh

18

talent in C AIMS . MEN. B The ob a standar qualify th us that of THE . the "W

cal erro

pp. 114

Anoth

gy of the KATI Jennie The a a Baptis of well present wali if grimina princip

> and P has be valuab name be ber the ar to diff recon 7th

> > for t qut able Th

mju

year