heaverly bodies,-sun, moon, and stars. The moon, ti:ough absolutely one of the smallest lights of our system, is descrived as secondsry and subordinate to only its greatest light, the sun. It is the apparent, then, not thenetual, which we find in tha passage, -what secmed to be, not what was; and as it was merely what appeared to bo greatest that was deseribed as greatest, on what grounds are we te hold that it may not also have been what appeared at the time to be made that has been deseribed as made ? The sun, moon, and stars may have been created long tefore, th. ugh it was not until this fourth period of creation that they became visible fom the carth's surface."
"The geologist, in his attempts to collate the Divine with the geologic record, has, I repeat, only three of the six periods of creation to account for,-the period of plants, the Deriod of great sea monsters and creeping things, and the period of cattle and beasts of tho carth. Ho is called on to question his systems and formations regarding the remains of these three great periods, and of these only. And the question once fairly etated, what, I ask, is the reply? All geologists agree in holding that the vast geological scale naturally divides into three great parts. Thero are many lesser divisions,-divisions into systems, formations, deposits, beds, strata; but the master divisions, in each of which we find a type of life so unlike that of the others, that even the unpractised eye can detect the dinerence, are simply three, -the Palaozoic, or oldest fossiliterous division; the Secondary, or middle fossiliferous division; and the 'fertiay, or latest fossiliferous division.
"In the frst, or Palæozoic division, we find corals, crustaceans, molluses, fishes, an d, in its later formations, afew reptiles. But none of these classes of organisms give its leading character to the Palmozoic ; they do not constitute its prominent feature, of render it moro remarkable as a scene of life than any of the divisiens which followed. That which chicfly distinguished the Palæuzoic from the Secondary and Tertiary periods was its gorgeous ficra. It was emphatically the period of plants,-" "of herbs yielding seed after their kind." In no other ago did tho world ever witness such a flora : the youth of the earth was peculiarly a green and umbrageous youth, -a youth of dusk and tangled forost, of hare piucs and stately araucarians, of the red-like calamite, the tall tree-fern, the scu-ptured s.arillaria, and the hirsute lepidodendron.Wherever dry land, or shallow lake, or running stream appeared, from where Melviile Island now spreads out its ice wastes under the star of the pole, to where the arid plizns of Australia he solitary beneath the bright cross of the south, a rank and luxuriant herbage cumbered every tootbroadth of the dank and streaming soil; and even to distaot planets our carth must have shone through the enveloping cloud with a green and delicate ray. Of thas extraordinary age of plants we have.our cheerful remembrancers ruu witnesses in the flames that zoar in our
chimneys when we pile np the winter fire,-in the brillinnt gas that now casts its light on this great assemblage, and that lightens up the streets aud lanes of this vast eity,-in tho glowing furnaces that amelt our metals, and givo moving power to our ponderous en-gines,--in the long dusky trains that, with shrick and snort, speed dart-like athwart our landseapes,-and in the great cloud-enveloped vessels that darken the lower reaches of your noble river, and rush in foam over ozean and sea. The geologie evidence is so complete as to be patent to all, that the first great period of organized bein! was, as deseribed in the Mosaie record, peculiarly a period of herbs and trees, 'yielding seed after their lind.'
"'The middle great period of the geologist -that of the Sccoudary division-posiessed, Jike the earlier one, its herbs and plants, but they were of a greatly less luxuriant and conspicuous character than their predecessors, and no longer formed the promment trait of feature of the creation to which they belonged. The period had also its corals, its crustaceans, its molluses, its fishes, and in some one or two exceptional instance its dwarf mammals. But the grand existences of the age, - the existence in which it excelled every other creation, earlier or later, were its hugo creoping thing, -its enormous monsters of the deep,-and, as shown by the impressions of their footprints stamped npon the rocks, its gigantic birds. It was peculiarly the age of egg.bearing animals, winged and wingless. Its wonderful whales, not, however, as now, of the mammalian, but of the reptilian clas, -ichthyosaurs, plesiosaurs, and cetiosaurs,must have tempested the deep; its creoping lizards and crocodiles, such as the teliosaurus, megaiosaurus, and iguanodon,-creatures some of which more than civalled the existing clephant in height, and greatly more than rivalled him in bulk,-must have crowded the plains or haunted by myriads the rivers of the period; and we know that the footprints of at least one of its many birds aro fully twice the size of those made by the horse or camel. We are thus prepared to demonstrate, that the second period of the geologist was peculiarly and characteristically a period of whalclike reptiles of the sea, of conomous creepins reptiles of the land, and of numerous birds, some of them of gigantic sizo; and, in meet accordance with the fact, we find that the second Mosaic period with which the geologist is ealled on to denl was a peraod in which God created the fowl that fliech above tho earth, with moving [or creoping] creatures, both in the waters and on the land, and what our translation renders great whales, but that I find rondered ${ }_{2}$ in the margin, great sea monsters.
'. The Tertiary poriod has also its prominent class of existences. Its flora seems to have been no more conspictous than that of the present time ; its reptiles occupy a very subordinate place; but its beasts of the field wero by far the most wondorfulif developed, both in size and numbers, that orer appear-

