|  |  | -the dehure covered the whole earth. <br> The deluge is a great feature in the natural history of the earth, sud it is highly desirable to fix the period of its occurrence; |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Fiom Silliinan's Journal of Ncicace und Arts. Phinciples of genlogit. |  | natural depressions or wide vales are produced, evidently by the convergence of opmsite declinations of strata: as the great |  |
|  |  |  | mosite declinations of strata: as the great vale of the Thames is nccasioned ly meet- | recs,-accumulations which procced so in in our lays, as lo be rasy poll dute that a long period separates us from |
|  |  |  | dips from herthorshure andilan. Mia- the date of the deluge. And when, in these <br>  |  |
|  | Condenseci rieus of the discuncrics reppeeingelructure of the eurth, which huve pruduced the mudern practical systen of Geology. |  |  |  |  |
|  |  | knowledge must the gathered from other sources; ;) but its relative place in the succession of phenemena which have visited |  | postdilnviait animals, which have become extinct through uccident or persecution, as well as of others, whose successors still exist in the neighborhood, we may, perhape, think that little is wanting to complete the evidence of this portion of the physical chro- |
|  | NuED. <br> the internal structure |  |  |  |
|  |  |  | for example, the lower part of the coal series was made to attain clevations not reach. ed by the upper purt of the same series; and that the new red sandstone was neyer <br> is in the neighbor wanting to complete the evidence of this portion of the physical chronology of the carth. |  |
|  | of our planct, and shewn how the rocks succeed one another in a fixed order, and rise successively to the surface; how va- | the earth: for, in my mind, those geologists |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |
|  | strita were depopisted leneath the wean; | and by iuspection of them, two propositions |  | $\begin{aligned} & \text { sider the phenomena which hnve been un- } \\ & \text { foplded by gectogical research, as the efficts } \\ & \text { of causes no loger in action. But Dr. } \\ & \text { Hutton believed that all the revolutions } \end{aligned}$ |
|  |  |  | below it. In these instance therefure, it has been concluded that the antediluvinn features of the enrth were not very differ- |  |
|  |  |  |  |  |
| VAIUABLE <br> Catcuabe Land for sate. | within the sohd substance of the eartweones necessary to turn our views to the surface. The external features of the earth atliord many interesting suljects of reflec- | the stratification of the earth was comple. ted. The proof is casy : whover will examine gravel-pits will be soun convinced of | instances admitted to their full extent, actually include the most striking variations the surtice of the earth; for it is cortain- | result of the ordinary operations of nature, continued thro' very long periols of time. |
|  |  |  |  |  |
|  | attiord many interesting suljects of reflection, and are replete with memorials of |  | in the surfice of the earth; for it is cortainly true, that the great mountain ranges | He was of opinion that what is now sea, was |
|  |  |  |  | fornerly dry lund; and that by the action of rains and rivers, materials are accumu- |
|  |  |  | ly true, that the great mountain ran ihe earth; the wide oceans, phains, and fevel | lated on the bed of the sea, to proluce tho strata of new continens, wlich by some |
|  |  | cent and again, piecrs of the ! |  |  |
|  | as dr |  | extensise valices, are chat |  |
|  |  | , because it proves that ail the strata completed befiore the period of the |  | lefore, will be uplited and laid bare, what that part of the garth which we inta ina |
|  | by an irestsible food. Of or many in.- ${ }^{\text {che }}$ |  |  | will be sunk under the new occan. To this hypothesis it may be objected, that it ascribes to the ordinary agents of nature, ef- |
|  |  |  | the deluge, to the vallies and hills which seem evidently to have derived their pecu- |  |
|  | pas, the most reinarkable; and it is estah. hed by such clear and positive arguments, | parts of the earth were dry, and inhathied On this point the evi- |  | fects which appear much beyond their power. General changes in the relative situation of sea and land have been ofien supposed, bat never established by evidence; for |
|  |  | by land animals. On this point the evi- | the consotidation of the strata. Even thus |  |
|  |  | the must be indeed strongly armed in pticism who dues not yield to its force. |  |  |
|  | admitted to have haprened, because it has left full evidence in plain and characteristic effects upon the surface of the carth. |  | ructive. Many vallies in a seconda mutry are excavated through several st | Cuvier's conclusions drawn from the alternations of marime and fresh water furmations, apply only to limited districts; and |
|  |  | deluge, the bones of many land anmals, as the elephant, hippopotannus, horse, ox, deer, | ta, as linestone, clay, aud simmstone, which appear on to thicheres compsition and |  |
|  | effects upon the surface of the curth. <br> Formerly, indeed, when geology was in |  |  |  |
|  |  |  |  | ural history of untediluvian quadrupeds, have shewis satisfactorily that they lived before the flond over a very large portion of the |
|  |  | $\$ c$. Therefore, it is periectiv plai. |  |  |
| J. SLMNER \& CO. <br> ESPFCOTFULLY inform the citizens of <br> - 8 chatote ad the public generails, that | he rucks before the deluge, were appealed onas evidence of that event. This mistake was natural cnoush in that early period of | chensive truth open before us! To the remains of a multitude of crea- |  |  |
| 1 Charlote, and the puabe peneraty, , wiat |  |  | chasm or valley which now divides them, can hardly be doubted. The vallics them- | the period of the deluge, the seas and land did not chanige their relative situations. |
|  |  |  | selves bear marks of thrir origin; thicir bot. |  |
|  |  | housands of years, and whose and diy ind |  | tering the face of the globe, are fire and water. The former forces thid matter from the interior, and spreads it around the volcanic mountains; the latter is incessantly eccupied in lowering heights, wasting and smowthing precipices, filling up vallies, and equalizing the surface. <br> (To be continued.) |
|  |  | Hutries. Cold as is our climate, 隹d how | of respond weculiarity suggests the action of de- |  |
|  <br> N. B. All kinds of Joh Work in their line done sliort nutice. We Wanted, an Apprentice to the ove business; one who can come well recomnded, will receive suitable encouragement. $6 n i t i o$ | ter, whether in litte mountain rills, lakes |  |  |  |
|  |  | understand the history of the earth, wh cphants and hippopotami, tigers and hy | goras to the present day, every unprejudic- |  |
|  | eive the same effects; stones stroothed and rounded, masses crumbled and disintegratd. We may trace old chamnels of rivers y the pebbles left in then, and the set of |  | ed observer of nature has concluded that such vallimes were cut out of the planes of |  |
|  |  |  | inore rocks, according to the depth of the <br> , excavation, and in this or that direction, ac- <br> cording to the facility with which the ma- |  |
| Clarleston and Cheraw. |  | carth, destruction ly overilowing water.And not inconsiderable was the number thus destroyed; fir almost every gravel pit and |  | When the wide octen maldening whirlwinct swach |
|  |  |  |  | And heare the billews of the hoiling deep. Pleased we frou land the reeling bark aurvoy, And molling monstains of the watery way. |
|  | word, the actile A As the old clannel d | did | terials were alraded. These were calied vallies of denudition, add they are very nu- |  |
|  |  |  | , the grat mining vallice of Teeedtale, | And rolling mountains of the watury way. Not that we joy another's woes to sce. |
|  |  |  |  | But to reflect that wo ourselves are free Sc, the dread batlle ranged in distant fields, |
|  |  |  |  | Sorse |
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|  |  |  |  |  |
|  |  |  | part of the county, the vallics of the Der. went below Maltan, Rievaulx and Bilwiale |  |
|  | for of the earth, are prulusely scatiered its surfuce. |  |  | 1.mleare fior cmply treasures, night and chay. <br> And pant for power and magisterial oway. Oh , wretched mortals: : zouls desoid of light, Last in the shades of intellectual nigbt! |
|  |  |  |  |  |
|  | It is impossible to account for the vast heaps of this gravel by supposing that it might be laid in its present situation by any |  |  |  |
|  |  | rising out of this magnificent subject, would be deviating from the ciementary pham of We must, the refiore, refer | occurrence, which yields so absolute a ploof that vallies were firmed at periods subse- |  |
|  |  |  |  |  |
|  |  |  | quent to the deposition of the strata, and is | In such a village no the haughty and purse. |
|  |  |  | if in iself so coin ios, thint though few whil seek |  |
|  |  | Meliturian aniualse and tic circula | each valley furnishes, it deserves to be tiventioned. Some valleyg cross and eut thro' | In such a village oo haughty and purse proud aristocracy will ever lord it over n virtuous, but phor democracy. Each inhabitant will stand or fall, accordingly as his moral and intellectual, bet not as his natural and bodily endowments shall be ap- |
|  | is it laid in such forms, but is casially and unequally spread over all the face of the country. The blocks of stone which have |  |  |  |
|  |  | or in caves and fissures of limestone, tato which they were dragged to death by their | ir been at tirst depososted deary horizanaide |  |
|  | country. The blocks of stone which have | ravenous contemporaries, or fell by accident, |  |  |
|  |  | Whist browzing among he open chasms the deluge has since conce | No one has carried lis speculutions on | hen lands, where igmorance en- |
|  |  |  | this subject so far as Dr. tained that vallies were, in all cases, scooped out by the streams which riw in them. |  |
|  |  |  |  | - velopes the mind in worse than Egyptian |
|  |  |  | This is a characteristic part of his sy stem of decaying and renewing woilds, and who |  |
|  |  |  |  |  |
| 194 |  |  | though impercepti. | - their worldy yods. In a ebristian and |
|  |  |  | the ample time he allows for their producing sach effects as the denudation of vallies. | and art are lost in the loveliness of moral worth. It will not do for a man there, to |
|  |  |  |  | . ${ }^{\text {a }}$. plead as a reason for his advancement, mere. |
|  |  |  | and But this ofinion clashes so directly with plain facts, as to be wliolly inadmisible. |  |
|  |  |  | ald How can we apply such an hy pothesis to those uumerous vilies in the plains of chalk |  |
|  |  |  |  |  |
|  |  |  |  | the mind of a scholar und a christian;-that his influence is the result of moral and intellectual worth, not of bodily strength and external splendor. In such a villige, |
|  |  |  |  |  |
|  |  |  | branched like the vallies of other districts, have all their sinuosity of courss, and reg. |  |
|  |  |  |  | wick tare rich mana clothed in purple and fine linen, and laring sumptuously every day. For the inhatitants will know enough to timation of men. The first question they will desire to ssttle concersing any candidate fur their confidence, or their estecm, or their assistance, will not he,- is he rich? It was this sinnte but nighty power, of a inoral and religions cducation which in cur own country, gathered together, in the year 1i74, a boxly of men concerning whom one of the most emincm English statesnen, "For my self, I must dectare nud avow, that in all my reading and observation, and it has been my favorite study;-I have read Thucidides and have studied and admired the master spirits of the word,- solidity of reasoning, force of sigacity, and wisdom of conclusion, under such a complication of difficalt cirrumstances, no nation, or body of men ean stand ain preference to the Conurail Congress of I'hi'mentphia. |
|  |  |  | ular declination, that the soil ated stratum, are tow absorbent |  |
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| Porcs of the Hunnan Body. |  |  |  |  |
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| or razor, and apply ing it to a good |  |  |  |  |
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