

various degrees of consistence, from two to eight feet deep; the subsoil frequently clay. In an article lately published in one of the English papers, there is an account, confirming the opinion, that part of the coast of Australia, in the South Seas, has been entirely formed by the manure of birds called the *Petera*, found there in such astonishing quantities, that flocks of them are seen to cover a vast extent of the atmosphere for days together.

These facts, therefore, offer corroborating testimony, that large tracts of the earth can, and have been formed by the depositions of vegetables and animals.

In a geological work lately published in England, we have the following account of the order of succession of the different layers of rocks which compose the crust of the earth:—

Instances where found.

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| A. Vegetable soil. | } | Mouth of the Thames, and other Rivers. |
| B. Sand, Clay, Gravel, with bones of same species as now exist. | | |
| C. Deep beds of Gravel, large loose blocks of Sand, all containing bones of animals belonging to species now extinct. | } | Surface of many parts of England, and especially the east and south western parts. |

TERTIARY STRATA.

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| D. Sand, Clay, Pebbles, beds of Sand, white Sandstone, many sea Shells, bones of extinct species of animals. | } | Hampstead Heath, Bagshot Heath, coast of Suffolk and Norfolk, the stone of which Windsor Castle is built. |
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