

the various subdivisions of the Secondary rocks, from the base of the New Red Sandstone up to the Chalk, and for the demonstration that these successive platforms are marked off from each other, not merely by mineral characters, but by their peculiar assemblages of organic remains. From his provincial terminology come the more sonorous names of Purbeckian, Portlandian, Callovian, Corallian, Bathonian, Liassic, which are now familiar words in every geological text-book.

In his eagerness to make his map as complete and accurate as was possible to him, Smith spent so freely of his hardly-earned income that he accumulated no savings against the day of trial, which came only too soon. He had been induced to lay down a railway on a little property which early in life he had purchased near Bath, with the view of opening some new quarries and bringing the building-stone to the barges on the canal. Unfortunately the stone, on the continuance and quality of which the whole success of the enterprise rested, failed. It became necessary to sell the property, and thereafter the sanguine engineer was left with a load of debt under which most men would have succumbed. Struggling under this blow, he was first compelled to part with his collections of fossils, which were acquired by the Government and placed in the British Museum. Next he found himself no longer able to bear the expense of the house in London which he had occupied for fifteen years. Not only so, but hard fate drove him to sell all his furniture, books and other property, keeping only the maps, sections, drawings and piles of manuscript which were so precious in his own eyes, but for which nobody