

paradise merely, but of every preceding period in which there were organizations of matter possessed by the vital principle: 'Increase and multiply, and replenish the earth.' And all geology presses upon us the conviction, so powerfully enforced by the Liassic deposit at Eathie, that, from the very nature of things, the law of generation and the law of death, wherever space is limited, cannot be dissociated. Each of the multitudinous leaves of the Lias formed in succession an upper surface or platform, on which, for a certain period of time in the world's history, living and sentient creatures pursued the several instincts of their natures, and then ceased to exist. And so immense in many instances was the crowd, that, had the existence of two platforms been restricted to the occupancy of only one platform, they would have lacked footing. A dense crowd of living men may find ample standing-room in an ancient city churchyard, occupying, as they do, a different stratum of space from that occupied by the dead; but were the dead to revive and arise, it would be impossible that the living could find in it the necessary standing-room any longer. They would be jostled from their places far beyond the limits of the enclosing wall. And let us remember, that 'the great globe itself which we inherit' is all one vast burying-ground; nor is it to one stratum that the densely piled remains of its dead are restricted, nor to one hundred, nor to one thousand, nor yet to one hundred thousand strata. Even in this deposit of the Eathie Lias, the successive platforms of the dead may be reckoned up by thousands and tens of thousands; and it would be more possible that a fertile field should have growing upon it at once the harvests of ten thousand succeeding autumns, than that any one of the platforms should have living upon it at once the existences of all the innumerable platforms above and below. The great law '*increase and multiply*' gave to each platform its countless crowds; and to make room for the continuous