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foreign parts become better known, the gaps in the palæontological record are shown to be less insurmountable than was at first supposed. On the other hand, it may be that an enriched knowledge of extinct organic remains and their precise distribution in the various layers of the stratigraphical succession throughout the globe, will enable biologists to draw more definite conclusions regarding the first derivation, and the history of the descent and development of the manifold forms of organic life that have peopled the earth.