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Autore	Williams R. J. P
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Sommario/riassunto	This book is written as an addition to Darwin's work and that of molecular biologists on evolution so as to include views of it from the point of view of chemistry rather than just from our knowledge of the biology and genes of organisms. By concentrating on a wide range of chemical elements, not just those in traditional organic compounds, we show that there is a close relationship between the geological or environmental chemical changes from the formation of Earth and those of organisms from the time of their origin. These are considerations which Darwin or other scientists could not have ex