

THE GEOLOGY OF EUROPE

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This book offers an overview of the geological history of more than 70 natural regions of Europe. It is both a synthesis of the vast literature on the subject, and a personal statement by a world-renowned stratigrapher-palaeontologist, who has travelled extensively throughout Europe over several decades. The text has been given a special impetus by the recent revolution in geological thought, in the ideas of plate tectonics. This is partly because, for the first time, they offer a general theory of earth history, but also because there is a need for a reasoned synthesis that relates all aspects of geological science to the evolution of Europe.

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Part I: Eo-Europe: Fenno-Scandian Shield. Hebridean Province. East European Platform. General Conclusions on Eo-Europa. Part II: Palaeo-Europa: Caledonides. Danish Triangle. General Conclusions on Palaeo-Europa. Part III: Meso-Europa: Northern Variscides. Central Variscides. Southern Variscides. Uralides. General Conclusions on Meso-Europa. Part IV: Neo-Europa: The Outer Arcs. Northern Alpides. Intra-Alpide Massifs and Basins. Southern Alpides. General Conclusions on Neo-Europa.

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