The two volumes contain 49 peer-reviewed, full papers presented at the 18th International Senckenberg Conference (VI International Palaeontological Colloquium, Weimar) Late Neogene and Quaternary biodiversity and evolution: Regional developments and interregional correlations held in Weimar on April 25 to 30, 2004.

The conference focused on current results of research on the evolutionary history of European, Asian, African, and American Late Neogene and Quaternary floras and faunas.

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The conference was dedicated to Hans-Dietrich Kahike, a senior distinguished leader of interdisciplinary Quaternary palaeontological research in Eurasia.

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