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Pleistocene and Recent detrital sedimentation in the deep parts of northern Lake Tanganyika (East African rift)

Shore-zone sedimentation and facies in a closed rift lake: the Holocene beach deposits of Lake Bogoria, Kenya Stratigraphy and Rhythmicity in Lacustrine Deposits; Ephemeral lakes, mud pellet dunes and wind-blown sand and silt: reinterpretations of Devonian lacustrine cycles in north Scotland; Wave-dominated lacustrine facies and tectonically controlled cyclicity in the Lower Carboniferous Horton Bluff Formation, Nova Scotia, Canada; Rhythmically laminated lacustrine carbonates in the Lower Cretaceous of La Serrania de Cuenca Basin (Iberian Ranges, Spain)

Sequential arrangement and asymmetrical fill in the Miocene Rubielos de Mora Basin (northeast Spain) Geochemistry and Organic Remains in Lacustrine Deposits; Evolution of lacustrine systems in the Tertiary Narbonne Basin, northern Pyrenean foreland, southeast France; Organic tissues in Tertiary lacustrine and palustrine rocks from the Jiyang and Pingyi rift depressions, Shandong Province, eastern China; Index

Sommario/riassunto

This book considers the deposition of sediments in different types of lakes and shows how changes in the lake environment can be interpreted from the sediment facies at the lake floor. Lakes are particularly sensitive to climate change and thus their sediments are accurate indicators of environmental change and palaeoclimate. This volume examines both ancient and modern lake deposits which is particularly appropriate considering the current widespread interest in global climate change, with particular emphasis on global warming. The book is global in approach and contains fifteen papers from a
