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Titolo	Carbonate mud-mounds : their origin and evolution // edited by C. L. V. Monty [and three others]
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Nota di contenuto	Carbonate Mud-Mounds: Their Origin and Evolution; Contents; Introduction and Overviews; A review of the origin and evolution of carbonate mud-mounds; The rise and nature of carbonate mud-mounds: an introductory actualistic approach; The origin, biota and evolution of deep-water mud-mounds; Palaeozoic Mud-Mounds; Shallow-water stromatactis mud-mounds on a Middle Ordovician foreland basin platform, western Newfoundland; Silurian microbial buildups of the Canadian Arctic; The environmental setting of Early Carboniferous mud-mounds; Waulsortian banks Carbonate mud-mounds in the Fort Payne Formation (lower Carboniferous), Cumberland Saddle region, Kentucky and Tennessee, USA Late Dinantian (Brigantian) carbonate mud-mounds of the Derbyshire carbonate platform; Mesozoic Mud-Mounds; Mud-mounds with reefal caps in the upper Muschelkalk (Triassic), eastern Spain; Initiation and development of small-scale sponge mud-mounds, late Jurassic, southern Franconian Alb, Germany; Albian carbonate mounds: comparative study in the context of sea-level variations (Soba,

northern Spain); Nature and origin of Late Cretaceous mud-mounds, north Africa

Sedimentation, diagenesis and syntectonic erosion of Upper Cretaceous rudist mounds in central Tunisia; Cenozoic Mud-Mounds; An Eocene biotrital mud-mound from the southern Pyrenean foreland basin, Spain: an ancient analogue for Florida Bay mounds?; Origin and growth of carbonate banks in south Florida; Anatomy of a Recent biotrital mud-mound, Florida Bay, USA; Growth and burrow-transformation of carbonate banks: comparison of modern skeletal banks of south Florida and Pennsylvanian phylloid banks of south-eastern Kansas, USA; Index

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Sommario/riassunto

This is the first book to investigate the structure, origin and evolution of carbonate mud-mounds. Mud-mounds are accumulations of biogenic carbonate sediment that are common in the geological record, and economically important as they host lead zinc mineralization and oil and gas. The book reviews, for the first time, the different mechanisms of mud-mound formation and examines in detail the major changes in mud-mound type and occurrence through geological time. The major part of the book contains case studies of mud-mounds from the Palaeozoic, Mesozoic and Cenozoic. The coverage is global an

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