Contents

INSALACO, E., SKELTON, P. W. & PALMER, T. J. Carbonate platform systems: components and interactions – an introduction 1

NAYLOR, L. A. & WILLIS, H. A. A temperate reef builder: an evaluation of the growth, morphology and composition of Sabellaria alveolata (L.) colonies on carbonate platforms in South Wales 9

STEUBER, T. Skeletal growth rates of Upper Cretaceous rudist bivalves: implications for carbonate production and organism – environment feedbacks 21

PERRY, C. T. & BERTLING, M. Spatial and temporal patterns of macroborering within Mesozoic and Cenozoic coral reef systems 33

WRIGHT, D. T. & ALTERMANN, W. Microfacies development in Late Archaean stromatolites and oolites of the Ghaap Group of South Africa 51


NEBELSICK, J. H. & BASSI, D. Diversity, growth-forms and taphonomy: key factors controlling the fabric of coralline algal dominated shelf carbonates 89

GILI, E. & SKELTON, P. W. Factors regulating the development of elevator rudist congregations 109


GISCHLER, E. & LOMANDO, A. J. Isolated carbonate platforms of Belize, Central America: sedimentary facies, late Quaternary history and controlling factors 135

HOUSE, M. R., MENNER, V. V., BECKER, R. T., KLAPPER, G., OVNATANOVA, N. S. & KUZ'MIN, V. Reef episodes, anoxia and sea-level changes in the Frasnian of the southern Timan (NE Russian platform) 147

STÖßEL, I. & BERNOUlli, D. Rudist lithosome development on the Maiella Carbonate Platform margin 177

KIESLING, W., FLÜGEL, E. & GOLONKA, J. Fluctuations in the carbonate production of Phanerozoic reefs 191

SCHLAGER, W. Sedimentation rates and growth potential of tropical, cool-water and mud-mound carbonate systems 217

Index 229