

# Stromatolites: Interaction Of Microbes With Sediments

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Foreword /Oren, Aharon/.- List of Authors and Their Addresses.- Acknowledgements.- PART 1:  
ARCHAEO PROTEROZOIC STROMATOLITES AND MICROBIOTA.- Proterozoic Stromatolites of the Itaiacoca Group, Southeast Brazil [Filho, W.S. and Fairchild, T.R.].- Meso-Neoproterozoic Stromatolites from the Indravati and Chhattisgarh Basins, Central India [Guhey, R. et al.].- Stromatolites and Cyanobacterial Mats in Peritidal Evaporative Environments in the Neoproterozoic of Bascongo (Democratic Republic of Congo) and South Gabon [Preat, A.R. et al.].- Microbiota and Microbial Mats within Ancient Stromatolites in South China [Ruiji C. and Leiming, Y.].- Morphological Changes in Micro-Megascopic life and Stromatolites, recorded during Late Palaeoproterozoic Neoproterozoic transition : The Vindhyan Supergroup, India [Srivastava, P and Tewari, V.C.].- Farrel Quartzite Microfossils in the Goldsworthy Greenstone Belt, Pilbara Craton, Western Australia [Sugitani et al.].- Ediacaran Krol Carbonates of the Lesser Himalaya, India: Stromatolitic facies, Depositional Environment, Isotope Stratigraphy and Diagenesis [Tewari, V.C. and Tucker, M.E.].- PART 2: PHANEROZOIC STROMATOLITES.- Aptian to Cenomanian Deeper Water Hiatal Stromatolites from the Northern Tethyan Margin [ Follmi, K. et al.].- Phosphatic Microbialites in the Triassic Phosphogenic Facies of Svalbard [Krajewski, K.].- Microbialites in the Middle Upper Ammonitico Rosso of the Southern Alps (Italy) [Massari, F and Westphal, H.].- Microbialites as Markers of Biotic and Abiotic Events in the Karst District, Slovenia and Italy [Tunis, G. et al.].- Lower Cretaceous Stromatolites in the Far East Asia: Examples in Japan and Korea [Yamamoto, A. et al.].- PART 3: MODERN STROMATOLITES (MARINE, LACUSTRINE, HOTSPRINGS).- Modern Marine Stromatolitic Structures: The Sediment Dilemma [Browne, K.].- Are Cyanobacterial Mats Precursors of Stromatolites [Chacon, E., et al.].- Living Stromatolites of Shark Bay, Western Australia: Microbial Inhabitants [Goh, F.].- Character, Analysis and Preservation of Biogenicity in Terrestrial Siliceous Stromatolites from Geothermal Settings [Handley, K. and Campbell, K.A.].- Microbial Diversity in Modern Stromatolites [Foster, J.S. and Green, S.J.].- Microbialites and Sediments : A Two Year Record of Burial and Exposure of Stromatolites and Thrombolites at Highborne Cay Bahamas [Reid, R.P. et al.].- Modern Stromatolite Ecosystems at Alkaline

and Hypersaline High Altitude Lakes at the Argentinian Puna [Farias, M.E. et al.].- PART 4: MODERN INSTRUMENTAL TECHNIQUES FOR THE STUDY OF STROMATOLITES AND MICROBIOTA.- MICRO FTIR Spectroscopic Imaging of 1900 Ma Stromatolitic Chert [Igisu, M. et al.].- Elemental and Isotopic Analysis by NANOSIMS: Insights for the Study of Stromatolites and Early Life on Earth [Kilburn, R. K. and Wacey, D.].- Stromatolites, Organic Walled Microorganisms, Laser Raman Spectroscopy and Confocal Laser Scanning Microscopy of the Meso - Neoproterozoic Buxa Formation, Ranjit Window, Sikkim Lesser Himalaya, NE India [Tewari, V.C.].- PART 5: GEOCHEMISTRY AND GEOMICROBIOLOGY OF STROMATOLITES AND MICROBIOTA.- Petrology, Elemental and Isotopic Geochemistry, and Geomicrobiology of Carbonate Infillings and Biofilms Lining Cracks below the Neoproterozoic Cap Carbonate in the Mirabat Inlier, Southernmost Oman [Brookfield, M. E. et al.].- Cave Geomicrobiology in India : Status and Prospects [Baskar S. et al.].- The Role of Sulfate Reduction in Stromatolites and Microbial Mats: Ancient and Modern Perspectives [Dillon, J.].- Carbonate Sediments Microbially Induced by Anaerobic Oxidation of Methane in Hydrocarbon Seeps [Jenkins, R.G. and Hikida, Y.].- Biostratigraphy, Sedimentation and Chemostratigraphy of the Tertiary Neotethys Sediments from the NE Himalaya, India [Lokho, K and Tewari, V.C.].- Evidence of Microbial Biomineralization in Modern and Ancient Stromatolites [Perri, E. and Spadafora, A.].- Possible Fe Isotope Fractionation During Microbiological Processing in A EAN/ISBN : 9789400703971 Publisher(s): Springer, Berlin, Springer Science & Business Media Format: ePub/PDF Author(s): Tewari, Vinod - Seckbach, Joseph

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