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Nota di contenuto	Precambrian microfossils: indicators of early life on the Earth -- Significance of palynology in understanding age, palaeoclimate and correlation of Indian Gondwana sediments -- Reappraisal of Permian and Early Triassic palynoflora and palynostratigraphy of Son-Mahanadi Basin and their climatic implications -- An overview of Upper Gondwana Rajmahal flora and its significance -- Palynology of Late Cretaceous-early Paleocene Deccan volcanic associated sediments: implication in understanding age, climate and depositional environments -- Paleogene Indian plate dynamics and palaeoclimate: a review from palynological perspective -- Palynological perspective on understanding climate change in India over the pre-industrial Common Era (CE; past ca. 2000 years): a comprehensive review and a critical evaluation -- Palynology: a tool to decipher the impact of anthropogenic activity on palaeo-vegetation - a review based on fossil pollen records from India -- Modern pollen assemblage and micro-morphometric analysis of arboreal and non-arboreal taxa from

Lucknow district of Central Ganga plain, India: a window to palaeoclimatic studies -- Decoding ancient vegetation and environment using potsherd palynology: A case study from an archaeological site of deltaic West Bengal, India -- Hydrocarbon biomarkers in elucidating source organic matter and palaeodepositional environment: A case study from Cambay Basin, India -- Application of palynology in petroleum and coal exploration.

Sommario/riassunto

This book highlights the importance of palynology in understanding floral biodiversity, paleoclimate and depositional environments in deep time and recent sediments. It includes contributions from renowned Indian palynologists who work on the applied aspects of palynology. The book focuses on the significance of palynology in solving various geological problems, ranging from the Precambrian to the Recent. This book will be useful to graduate and postgraduate students, researchers, and academicians working in geology and botany, as well as international researchers interested in palynological research work in India. .
