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Sommario/riassunto	This book provides a detailed examination of ichnology during the Permian-Triassic mass extinction in China, focusing on the recovery patterns of marine trace-making organisms. It features a wealth of high-quality ichnofossil photographs and figures, offering readers a comprehensive guide to ichnotaxa identifications and descriptions from both South and North China, spanning the Late Permian to the Middle Triassic. The chapters cover critical topics such as the delayed biotic recovery due to the harsh environmental conditions of the Early Triassic oceans. Ichnological data is highlighted as a crucial tool for assessing the recovery process and patterns of marine trace-making organisms. The book includes ecological and sedimentological data, providing insights into the recovery patterns of marine infaunas across various habitats. It systematically presents semi-quantitative parameters of

several ecological proxies, proposing different recovery models based on extensive data. Written by authorities in the field, this book is an invaluable reference for ecological and ichnological researchers. It is designed for undergraduates and graduate students in earth sciences, as well as researchers and professionals interested in ichnology and marine recovery post-extinction. This publication is an essential resource for understanding the intricate dynamics of marine ecosystems during one of Earth's most significant biocrises. It is a crucial addition to the field, offering a unique perspective on the recovery patterns of marine trace-making organisms in the aftermath of the end-Permian mass extinction.