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Unexplored Territories; 12 The Use of Bryophytes for Fluvial Assessment of Mountain Streams in Portugal
13 Improvements in Understanding the Contribution of Hyporheic Zones to Biodiversity and Ecological Functioning of UK Rivers
14 Taxonomic Distinctness as a Measure of Diversity of Stream Insects Exposed to Varying Salinity Levels in South-Eastern Australia; 15 Development of a Systematic, Information-Based Approach to the Identification of High Value Sites for River Conservation in New Zealand; 16 Assessing the Conservation Status of Alder-Ash Alluvial Forest and Atlantic Salmon in the Natura 2000 River Network of Cantabria, Northern Spain
17 The Use of Palaeoecological Techniques to Identify Reference Conditions for River Conservation Management
Recovery and Rehabilitation; 18 The Espace de Libert and Restoration of Fluvial Process: When Can the River Restore Itself and When Must we Intervene?; 19 Multi-Purpose, Interlinked and Without Barriers: The Emscher River Ecological Concept; 20 Rehabilitation of the River Skerne and the River Cole, England: A Long-Term Public Perspective; 21 The Unnatural History of the River Trent: 50 Years of Ecological Recovery
22 Key Factors in the Management and Conservation of Temporary Mediterranean Streams: A Case Study of the Pardiela River, Southern Portugal
23 The History, Development, Role and Future of River Restoration Centres; Integrating Nature Conservation Within Wider River Management; 24 From Stockholm to Rio II: The Natural and Institutional Landscapes Through Which Rivers Flow; 25 What Have Rivers Ever Done For Us? Ecosystem Services and River Systems; 26 The Glen Canyon Dam Adaptive Management Program: Progress and Immediate Challenges
27 An Individual-Based Model of Swan-Macrophyte Conflicts on a Chalk River

Sommario/riassunto

This book is intended for those with an academic, scientific and practical interest in river conservation and management. It provides an overview of how changes in legislation, policies, institutional responsibilities, science, technology, practical techniques and public perception have influenced how rivers have been managed over the past 20 years and the challenges that lie ahead during the next 20 years. The book is based on the international conference River Conservation and Management: 20 Years On held at York. Thirty-one chapters, with contributions from North and South America,
