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Nota di contenuto	Trout and Salmon: Ecology, Conservation and Rehabilitation; Contents; Introduction; Acknowledgements; 1 Taxonomy, Distribution and Importance; 1.1 Taxonomy; 1.2 Geographical distribution; 1.3 Importance; 2 Life Cycles and General Biology; 2.1 Life cycles; 2.2 Behaviour and social interaction; 2.3 Population density, survival and growth; 2.4 Feeding; 3 Water Quantity and Quality and the Quality of Gravel; 3.1 River flow; 3.2 Water chemistry; 3.3 Water temperature; 3.4 Gravel; 4 Environmental Requirements and Limitations; 4.1 Intragravel stages; 4.2 Juveniles and smolts 4.3 Sea life, adults and spawning 5 Human Influence; 5.1 Civil engineering, with particular reference to water storage and supply; 5.2 Fishing and fishery management; 5.3 Industry; 5.4 Transport and roads; 5.5 Urban development; 5.6 Forestry; 5.7 Agriculture; 6 Assessment, Conservation, Improvement and Rehabilitation of Salmonid Habitat; 6.1 Definitions and background relating to river restorations; 6.2 General principles for fishery rehabilitation; 6.3 Assessment of habitat in terms of the need, feasibility and outcome of

restoration

6.4 Conservation, improvement and restoration of salmonid habitat
6.5 Education and communication; 6.6 Design, monitoring, recording and dissemination; 7 What Next?; 7.1 Expanding and deepening the science base; 7.2 Towards better management; 7.3 Improving monitoring, documentation and accountability; Appendix A Mean instantaneous rate of mortality or loss; Appendix B Mean instantaneous rate of growth (in weight); Glossary; References; Author Index; Subject Index

Sommario/riassunto

This important book contains a great wealth of practical information on trout and salmon, species of fish that are of huge scientific and commercial interest. The introductory chapters of Trout and Salmon cover the biology and environmental variables of importance when considering these species. Further chapters encompass current information on the ecology of salmon and trout, with particular emphasis on the definition and quantification, where possible, of their environmental requirements and limitations. Comprehensive coverage of the impacts of human activities on trout and salmon is inclu
