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Autore	Ford E. D (Edward David)
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Introduction to Section IV: Defining a methodology for ecological research; 15 The methodology of progressive synthesis; 16 Criticisms and improvements for the scientific method in ecology; Appendix: Suggestions for instructors; References; Glossary; Author index
Subject index

Sommario/riassunto

Scientists tend to take the thought processes that drive their research for granted, often learning them indirectly by observing first their supervisors and then their colleagues. This book emphasises the advantages of being explicit about these thought processes and aims to help those undertaking ecological research to develop a critical attitude to approaching a scientific problem and constructing a procedure for assessment. The outcome is a text which provides a framework for understanding methodological issues and which assists with the effective definition and planning of research. As such it represents a unique resource for anyone embarking on their research career. It also provides a valuable source of information for those more experienced researchers who are seeking to strengthen the methodology underlying their studies or who have an interest in the analysis of research methods in ecology.
