

1. Record Nr.	UNINA9910140601303321
Autore	Wildi Otto
Titolo	Data analysis in vegetation ecology [[electronic resource] /] / Otto Wildi
Pubbl/distr/stampa	Chichester, West Sussex ; ; Hoboken, NJ, : John Wiley & Sons, 2010
ISBN	1-119-96563-2 1-282-68435-3 9786612684357 0-470-66101-1 0-470-66497-5 0-470-66496-7
Descrizione fisica	1 online resource (235 p.)
Disciplina	581.70285
Soggetti	Plant communities - Data processing Plant communities - Mathematical models Plant ecology - Data processing Plant ecology - Mathematical models
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Data Analysis in Vegetation Ecology; Contents; Preface; List of Figures; List of Tables; 1 Introduction; 2 Patterns in Vegetation Ecology; 3 Transformation; 4 Multivariate Comparison; 5 Ordination; 6 Classification; 7 Joining Ecological Patterns; 8 Static Explanatory Modelling; 9 Assessing Vegetation Change in Time; 10 Dynamic Modelling; 11 Large Data Sets: Wetland Patterns; 12 Swiss Forests: A Case Study; Appendix A On Using Software; Appendix B Data Sets Used; References; Index
Sommario/riassunto	Evolving from years of teaching experience by one of the top experts in vegetation ecology, Data Analysis in Vegetation Ecology aims to explain the background and basics of mathematical (mainly multivariate) analysis of vegetation data. The book lays out the basic operations involved in the analysis, the underlying hypotheses, aims and points of views. It conveys the message that each step in the calculations has a specific, straightforward meaning and that patterns and processes

known by ecologists often find their counterpart in mathematical operations and functions. The first chapt
