

1. Record Nr.	UNINA9910337948003321
Autore	Riedl Rupert
Titolo	Structures of Complexity [[electronic resource]] : A Morphology of Recognition and Explanation / / by Rupert Riedl
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-13064-9
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (341 pages)
Disciplina	415
Soggetti	Evolutionary biology Plant science Botany Biology—Philosophy Zoology Evolutionary Biology Plant Sciences Philosophy of Biology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	What will be discussed in this book – an introduction -- About the subject -- About the methods -- World and cognition as a problem -- What we consider reasonable -- How to gain cognition -- What kind of cognition have we gained? -- The Systems of cognition -- Prerequisites for cognition -- Accounting for succedaneous coincidences -- Accounting for simultaneous coincidences -- About structures and class hierarchies -- The Structures of recognition -- A Theory of the world -- The order of things -- The principles of morphology -- The principles of systematics -- The systems of explanation and comprehension -- The preconditions and their assets -- The change of cultural history -- The conditions of explanation -- The ways of comprehension -- The structuring of the things explained and comprehended -- The way of a dynamic order of the world -- The order of the reasons -- The principles of explanation -- The principles of comprehension -- Overview and outlook. .

In this book, the author Rupert Riedl investigates the structural and functional correlations of issues considered as "complex". He brilliantly analyzes the definition of complexity, the occurrence of complexity, the meaning of complexity, and last-but-not-least the way complexity is dealt with professionally. In recent years, our view of the world has been split into ever smaller segments – in part due to the increasing importance of the natural sciences and their associated analytical power. This calls for once again focusing on complexity and the holistic aspects, on interdisciplinary and synoptic approaches. This book is a translation of the original German version "Strukturen der Komplexität", which was published in 2000. The discussion of complexity from the perspective of a biologist has long been overdue when it was published and is still up-to-date.
