



Nature's Magic: Synergy in Evolution and the Fate of Humankind

By Peter Corning

Download now

Read Online ➔

Nature's Magic: Synergy in Evolution and the Fate of Humankind By Peter Corning

In *Nature's Magic* Peter Corning states that synergy--a vaguely familiar term to many of us--has been a wellspring of creativity in the natural world and has played a key role in the evolution of cooperation and complexity at all levels, from physics and chemistry to the latest human technologies. The 'Synergism Hypothesis' asserts that synergy is more than a class of interesting and ubiquitous effects. It has also been a major causal agency in evolution; it represents a unifying explanation for biological complexity and represents a different perspective on the evolutionary process. In contrast to gene-centered theories, or postulates of self-organization and emergent 'laws' of complexity, the Synergism Hypothesis represents, in essence, an 'economic' (or bio-economic) theory of complexity. Peter A. Corning, Ph.D., is the Director of the Institute for the Study of Complex Systems in Palo Alto, California. He has published numerous research papers and articles and three previous books, one of which was a theoretical monograph on the role of synergy in evolution, *The Synergism Hypothesis: A Theory of Progressive Evolution* (McGraw-Hill, 1983).

↓ [Download Nature's Magic: Synergy in Evolution and the ...pdf](#)

📖 [Read Online Nature's Magic: Synergy in Evolution and th ...pdf](#)

Nature's Magic: Synergy in Evolution and the Fate of Humankind

By Peter Corning

Nature's Magic: Synergy in Evolution and the Fate of Humankind By Peter Corning

In *Nature's Magic* Peter Corning states that synergy--a vaguely familiar term to many of us--has been a wellspring of creativity in the natural world and has played a key role in the evolution of cooperation and complexity at all levels, from physics and chemistry to the latest human technologies. The 'Synergism Hypothesis' asserts that synergy is more than a class of interesting and ubiquitous effects. It has also been a major causal agency in evolution; it represents a unifying explanation for biological complexity and represents a different perspective on the evolutionary process. In contrast to gene-centered theories, or postulates of self-organization and emergent 'laws' of complexity, the Synergism Hypothesis represents, in essence, an 'economic' (or bio-economic) theory of complexity. Peter A. Corning, Ph.D., is the Director of the Institute for the Study of Complex Systems in Palo Alto, California. He has published numerous research papers and articles and three previous books, one of which was a theoretical monograph on the role of synergy in evolution, *The Synergism Hypothesis: A Theory of Progressive Evolution* (McGraw-Hill, 1983).

Nature's Magic: Synergy in Evolution and the Fate of Humankind By Peter Corning Bibliography

- Sales Rank: #4032086 in Books
- Brand: Brand: Cambridge University Press
- Published on: 2012-09-13
- Original language: English
- Number of items: 1
- Dimensions: 9.02" h x 1.02" w x 5.98" l, 1.50 pounds
- Binding: Paperback
- 468 pages

 [Download Nature's Magic: Synergy in Evolution and the ...pdf](#)

 [Read Online Nature's Magic: Synergy in Evolution and th ...pdf](#)

Download and Read Free Online Nature's Magic: Synergy in Evolution and the Fate of Humankind
By Peter Corning

Editorial Review

Review

"...a text that leaves one thinking anew about how complexity within living systems has evolved."

Frank T. Kuserk, Moravian College, Science Books & Films

"I like this book. It's exciting, well-documented, and well-argued. It's very informative both for professional biologists and well-read lay people; it will change their minds and get them to see synergies everywhere."

Professor Jack Cohen, Warwick University, author of *Figments of Reality*, and *Evolving the Alien* (with Ian Stewart).

"If you are under the impression that synergy is not particularly important, just try to tie your shoes with a single hand. The book will appeal to anyone interested in the place of evolutionary thinking in general intellectual culture. It will also be esteemed a particularly valuable contribution to the emerging discipline of bioeconomics."

Professor Michael Ghiselin, California Academy of Sciences

"Corning's new book makes for enjoyable reading, with clear, lucid, and transparent formulations, imaginative metaphors and similes, an encyclopedic scope, and a high convincibility factor. There is only one thing wrong with a book like this for a reviewer like me: every page contains at least one passage or paragraph which begs to be quoted...Far from being the umpteenth 'theory of everything,' Corning's magnificent book presents an invitation to look at everything in a novel and fresh way."

Prof. Johan M.G. van der Dennen, University of Groningen, the Netherlands.

"Corning is one of the most erudite thinkers in systems biology. His original synergism hypothesis, posed in 1983, attracted little attention but had profound implications for many areas of biology and particularly evolutionary studies. Like all good systems, the context has now changed and Corning's thesis has come in from the cold. Suddenly and obviously synergism is everywhere and Corning's book expounds this crucial idea in brilliant fashion."

Prof. Anthony Trewavas, FRS, Institute of Cell & Molecular Biology, University of Edinburgh

"This is a marvelous book, which will change your perception of reality, of how things work and act together. Corning's central claim...is that synergy...complements our contemporary scientific world view. Moreover, the concept of synergy is more tangible than the rather fuzzy concept of 'self-organization'... Corning is able to define synergy clearly, to list the most important properties of synergistic effects, and to give numerous examples of synergy in the living and non-living world...I believe this book has the potential of becoming a classic in complexity-studies."

Taede Smedes, Groningen, the Netherlands (review for Amazon.com)

"...a profound and widely encompassing amalgamation of inductive reasoning and broad repeating patterns directly affecting society itself. A work of impeccable, documented, ground breaking scholarship, *Nature's Magic* is so well written as to be completely accessible to academic and non-specialist general readers alike."

The Bookwatch

"For the intellectually curious reader who already knows something about evolution, is interested in scientific ideas that transcend disciplinary boundaries...this book will provide a great deal of food for

thought."

Philip Chase, Penn Book News and Reviews

"... this book will provide a great deal of food for thought."

Philip Chase for Expedition

Users Review

From reader reviews:

Richard Glass:

Reading a guide can be one of a lot of action that everyone in the world enjoys. Do you like reading book and so. There are a lot of reasons why people enjoyed. First reading a reserve will give you a lot of new details. When you read a publication you will get new information since book is one of various ways to share the information or even their idea. Second, examining a book will make you actually more imaginative. When you reading a book especially hype book the author will bring one to imagine the story how the personas do it anything. Third, you are able to share your knowledge to some others. When you read this Nature's Magic: Synergy in Evolution and the Fate of Humankind, you could tells your family, friends in addition to soon about yours book. Your knowledge can inspire others, make them reading a reserve.

Christopher Patton:

You may spend your free time to study this book this e-book. This Nature's Magic: Synergy in Evolution and the Fate of Humankind is simple to deliver you can read it in the recreation area, in the beach, train and also soon. If you did not possess much space to bring often the printed book, you can buy often the e-book. It is make you simpler to read it. You can save often the book in your smart phone. Consequently there are a lot of benefits that you will get when one buys this book.

Lillie Corley:

Do you like reading a publication? Confuse to looking for your selected book? Or your book has been rare? Why so many question for the book? But any kind of people feel that they enjoy intended for reading. Some people likes examining, not only science book but novel and Nature's Magic: Synergy in Evolution and the Fate of Humankind as well as others sources were given understanding for you. After you know how the great a book, you feel would like to read more and more. Science e-book was created for teacher as well as students especially. Those textbooks are helping them to include their knowledge. In some other case, beside science reserve, any other book likes Nature's Magic: Synergy in Evolution and the Fate of Humankind to make your spare time much more colorful. Many types of book like this.

Maria Couch:

E-book is one of source of understanding. We can add our knowledge from it. Not only for students and also native or citizen will need book to know the up-date information of year to help year. As we know those guides have many advantages. Beside we add our knowledge, can also bring us to around the world. By book

Nature's Magic: Synergy in Evolution and the Fate of Humankind we can take more advantage. Don't someone to be creative people? To become creative person must choose to read a book. Just choose the best book that appropriate with your aim. Don't always be doubt to change your life by this book Nature's Magic: Synergy in Evolution and the Fate of Humankind. You can more pleasing than now.

Download and Read Online Nature's Magic: Synergy in Evolution and the Fate of Humankind By Peter Corning #ICQJM0LAG2B

Read Nature's Magic: Synergy in Evolution and the Fate of Humankind By Peter Corning for online ebook

Nature's Magic: Synergy in Evolution and the Fate of Humankind By Peter Corning Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Nature's Magic: Synergy in Evolution and the Fate of Humankind By Peter Corning books to read online.

Online Nature's Magic: Synergy in Evolution and the Fate of Humankind By Peter Corning ebook PDF download

Nature's Magic: Synergy in Evolution and the Fate of Humankind By Peter Corning Doc

Nature's Magic: Synergy in Evolution and the Fate of Humankind By Peter Corning Mobipocket

Nature's Magic: Synergy in Evolution and the Fate of Humankind By Peter Corning EPub

ICQJM0LAG2B: Nature's Magic: Synergy in Evolution and the Fate of Humankind By Peter Corning