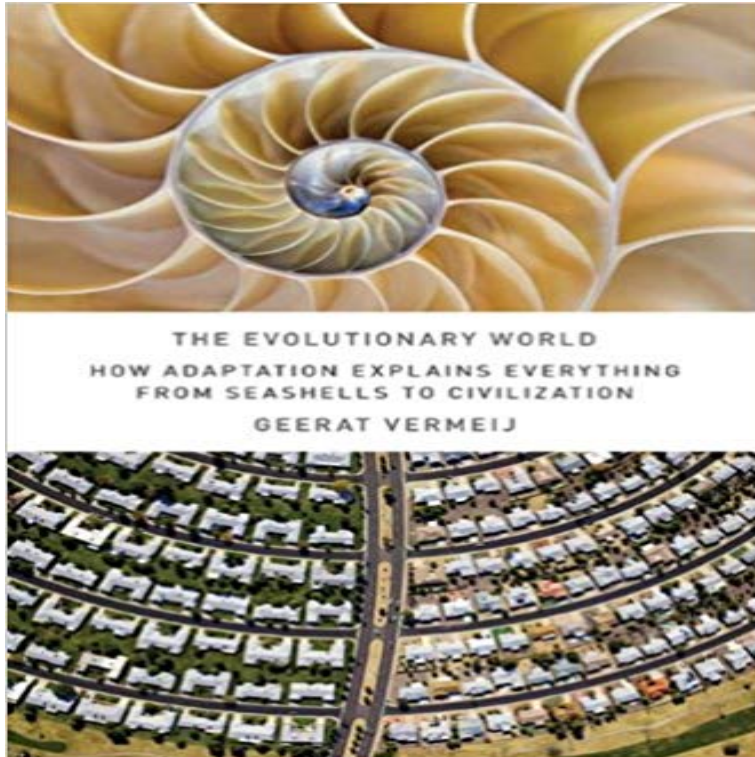


# The Evolutionary World: How Adaptation Explains Everything from Seashells to Civilization



One of the master naturalists of our time (American Scientist) reveals how evolutionary theory explains and affects not just the natural world but our society---and its future. Evolution has outgrown its original home in biology and geology. The Evolutionary World shows how evolution---descent with modification---is a concept that organizes, explains, and predicts a multitude of unconnected facts and phenomena. Adaptation plays a role not only in the development of new species but the development of human civilization. By understanding how evolutionary theory has played out in areas such as our economic system, our preparation for catastrophes, and even the development of communities, we can learn not just how these systems work but also what challenges lie ahead. Blind since the age of three, Dr. Geerat J. Vermeij has become renowned for his unique abilities to recognize details in the natural world that other scientists would never have noticed. In this book, he presents a new argument for evolution's broader importance. He explores similarities between genomes and languages, the contrasting natural economies of islands and continents, the emergence and importance of human values, the long-range consequences of global warming, and the perils of monopoly. He also shows that the lessons of evolution have implications for education, our system of laws, and economic growth. The Evolutionary World makes a fascinating argument about the broad-reaching impact and importance of evolution. It offers a way for us to understand and work with evolution's principles so that we can devise better solutions for our own lives, society, and the environment around us.

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Edition: 1st ed. **To sea with a blind scientist** Nov 4, 2016 Geerat Vermeij (PhD 1971, Ecology and Evolutionary Biology), their shells and reading their history in the curves, chips, battle scars, Vermeij has published nearly 250 scientific papers and six books, including The Evolutionary World: How Adaptation Explains Everything from Seashells to Civilization **Geerat Vermeij, Evolutionary Biologist the Shape of Life The Story** The Evolutionary World : How Adaptation Explains Everything from Seashells to Civilization. by Vermeij, Geerat J. 1 2 3 4 5 (0). 9780312591083. \$46.64 **Summary/Reviews: The evolutionary world :** Geerat J. Vermeij (born 28 September 1946 in Sappemeer), is a Dutch-born professor of An Ecological History of Life, A Natural History of Shells, Privileged Hands, Nature: An Economic History, and The Evolutionary World: How Adaptation Explains Everything from Seashells to Civilization (ISBN 978-0312591083). **Geerat J. 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