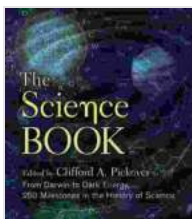
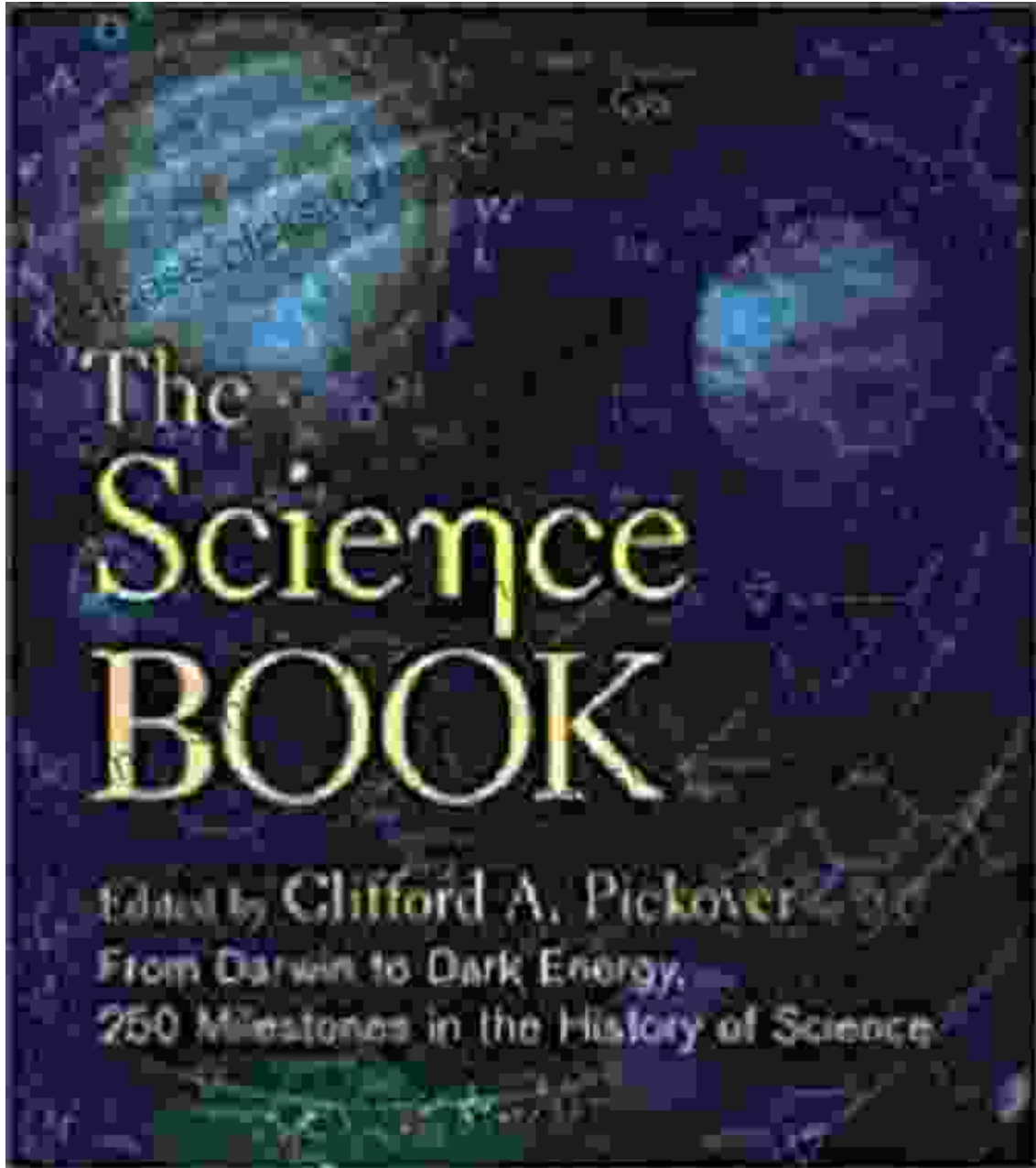


From Darwin to Dark Energy: 250 Milestones in the History of Science by Sterling



The Science Book: From Darwin to Dark Energy, 250 Milestones in the History of Science (Sterling Milestones) by Clifford A. Pickover

★★★★☆ 4.6 out of 5

Language	: English
File size	: 89012 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Word Wise	: Enabled
Print length	: 806 pages



From Darwin to Dark Energy: 250 Milestones in the History of Science by Sterling is a comprehensive and engaging chronicle of the most significant scientific discoveries and breakthroughs throughout history. Spanning from the ancient Greeks to the present day, this book explores the major turning points in our understanding of the natural world.

250 Milestones in the History of Science

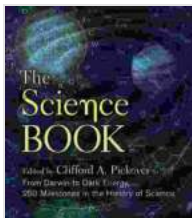
1. c. 500 BCE: Thales of Miletus proposes that water is the fundamental element of all matter.
2. c. 350 BCE: Aristotle develops a comprehensive system of natural philosophy, including theories on physics, biology, and astronomy.
3. c. 150 CE: Ptolemy publishes the Almagest, a comprehensive treatise on astronomy that will dominate Western thought for over a thousand years.
4. 1543: Nicolaus Copernicus publishes *De Revolutionibus Orbium Coelestium*, which proposes that the Sun, not the Earth, is the center of the solar system.

5. 1600: William Gilbert publishes *De Magnete*, which lays the foundation for the study of electricity and magnetism.
6. 1665: Isaac Newton publishes *Principia Mathematica*, which lays the foundation for classical mechanics.
7. 1705: Edmond Halley predicts the return of the comet that now bears his name.
8. 1758: Carl Linnaeus publishes *Systema Naturae*, which establishes the modern system of classifying organisms.
9. 1789: Antoine Lavoisier publishes *Traité Élémentaire de Chimie*, which lays the foundation for modern chemistry.
10. 1801: Giuseppe Piazzi discovers the dwarf planet Ceres.
11. 1802: William Herschel discovers the planet Uranus.
12. 1808: John Dalton publishes *A New System of Chemical Philosophy*, which lays the foundation for atomic theory.
13. 1820: Hans Christian Ørsted discovers that electricity and magnetism are related.
14. 1831: Michael Faraday discovers electromagnetic induction.
15. 1833: Charles Lyell publishes *Principles of Geology*, which lays the foundation for modern geology.
16. 1838: Louis Daguerre develops the daguerreotype, the first practical photographic process.
17. 1859: Charles Darwin publishes *On the Origin of Species*, which lays the foundation for modern evolutionary theory.

18. 1865: Gregor Mendel publishes his laws of inheritance.
19. 1869: Dmitri Mendeleev publishes the periodic table of elements.
20. 1876: Alexander Graham Bell invents the telephone.
21. 1887: Heinrich Hertz discovers radio waves.
22. 1895: Wilhelm Röntgen discovers X-rays.
23. 1898: Marie Curie discovers radium.
24. 1900: Max Planck develops the quantum theory of radiation.
25. 1905: Albert Einstein publishes his theory of special relativity.
26. 1911: Ernest Rutherford discovers the nucleus of the atom.
27. 1915: Albert Einstein publishes his theory of general relativity.
28. 1927: Werner Heisenberg develops the uncertainty principle.
29. 1928: Alexander Fleming discovers penicillin.
30. 1942: Enrico Fermi and his team achieve the first controlled nuclear chain reaction.
31. 1953: James Watson and Francis Crick discover the structure of DNA.
32. 1957: The Soviet Union launches Sputnik, the first artificial satellite to orbit the Earth.
33. 1961: Yuri Gagarin becomes the first human to orbit the Earth.
34. 1969: Neil Armstrong and Buzz Aldrin become the first humans to walk on the Moon.
35. 1977: Voyager 1 becomes the first spacecraft to reach the outer planets.

36. 1981: The first space shuttle mission is launched.
37. 1990: The Hubble Space Telescope is launched.
38. 1998: The first evidence for the existence of dark energy is discovered.
39. 2001: The Human Genome Project is completed.
40. 2012: The Higgs boson is discovered.
41. 2015: The New Horizons spacecraft flies by Pluto.
42. 2017: The first gravitational waves are detected.

From Darwin to Dark Energy is a fascinating and informative read for anyone interested in the history of science. Sterling's writing is clear and engaging, and he does an excellent job of explaining complex scientific concepts in a way that is accessible to the general reader.



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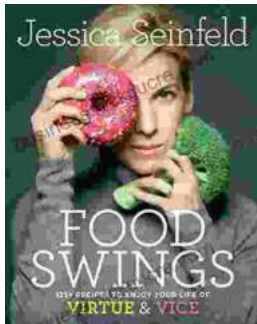
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