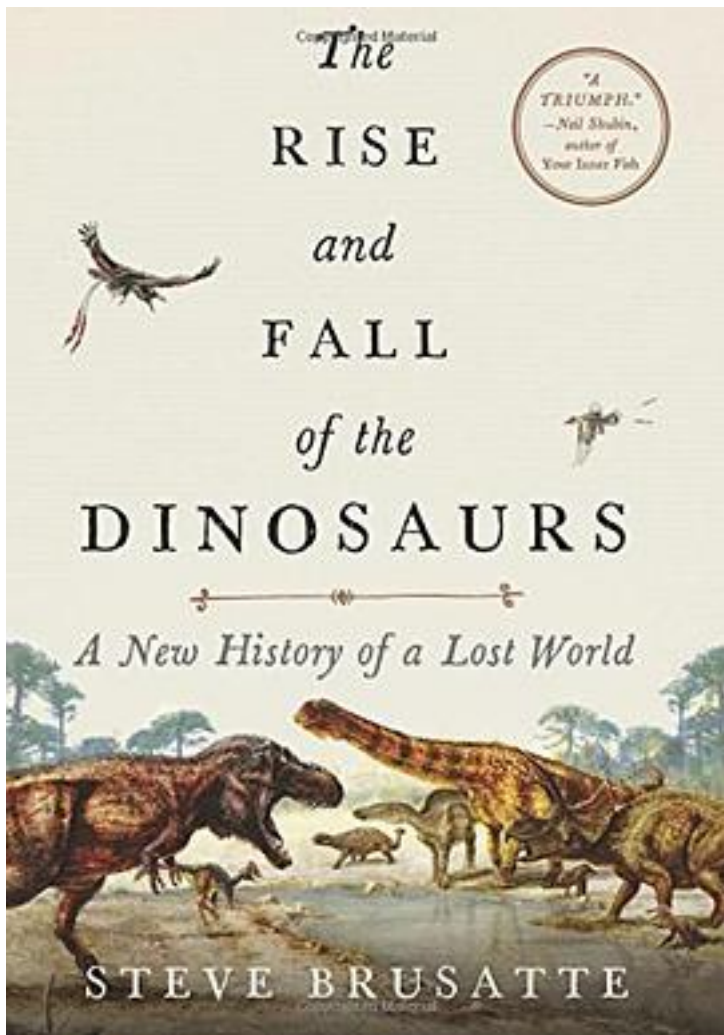


The Rise and Fall of the Dinosaurs



[The Rise and Fall of the Dinosaurs_下载链接1](#)

著者:Steve Brusatte

出版者:William Morrow & Company

出版时间:2018-4-24

装帧:Hardcover

isbn:9780062490421

"This is scientific storytelling at its most visceral, striding with the beasts through their

Triassic dawn, Jurassic dominance, and abrupt demise in the Cretaceous." — Nature

The dinosaurs. Sixty-six million years ago, the Earth's most fearsome creatures vanished. Today they remain one of our planet's great mysteries. Now *The Rise and Fall of the Dinosaurs* reveals their extraordinary, 200-million-year-long story as never before.

In this captivating narrative (enlivened with more than seventy original illustrations and photographs), Steve Brusatte, a young American paleontologist who has emerged as one of the foremost stars of the field—naming fifteen new species and leading groundbreaking scientific studies and fieldwork—masterfully tells the complete, surprising, and new history of the dinosaurs, drawing on cutting-edge science to dramatically bring to life their lost world and illuminate their enigmatic origins, spectacular flourishing, astonishing diversity, cataclysmic extinction, and startling living legacy. Captivating and revelatory, *The Rise and Fall of the Dinosaurs* is a book for the ages.

Brusatte traces the evolution of dinosaurs from their inauspicious start as small shadow dwellers—themselves the beneficiaries of a mass extinction caused by volcanic eruptions at the beginning of the Triassic period—into the dominant array of species every wide-eyed child memorizes today, T. rex, Triceratops, Brontosaurus, and more. This gifted scientist and writer re-creates the dinosaurs' peak during the Jurassic and Cretaceous, when thousands of species thrived, and winged and feathered dinosaurs, the prehistoric ancestors of modern birds, emerged. The story continues to the end of the Cretaceous period, when a giant asteroid or comet struck the planet and nearly every dinosaur species (but not all) died out, in the most extraordinary extinction event in earth's history, one full of lessons for today as we confront a "sixth extinction."

Brusatte also recalls compelling stories from his globe-trotting expeditions during one of the most exciting eras in dinosaur research—which he calls "a new golden age of discovery"—and offers thrilling accounts of some of the remarkable findings he and his colleagues have made, including primitive human-sized tyrannosaurs; monstrous carnivores even larger than T. rex; and paradigm-shifting feathered raptors from China.

An electrifying scientific history that unearths the dinosaurs' epic saga, *The Rise and Fall of the Dinosaurs* will be a definitive and treasured account for decades to come.

作者介绍:

Steve Brusatte is a paleontologist who hunts and writes about dinosaurs. He is on the faculty of the University of Edinburgh in Scotland, but grew up in the Midwestern USA. Steve has traveled around the world digging up dinosaurs and, working with many international colleagues, has named more than 15 new species, including the tyrannosaur 'Pinocchio rex' (*Qianzhousaurus*) and the raptor *Zhenyuanlong*. He has written several books for kids and adults, most notably the adult pop science book *The Rise and Fall of the Dinosaurs* (2018), which was a New York Times bestseller in the USA, Sunday Times bestseller in the UK, and Globe & Mail bestseller in Canada. His work is covered often by the popular press and he has appeared on several television shows, such as the National Geographic extravaganza *T. rex Autopsy*, where he was part of the team that dissected a scientifically accurate life-sized model of a T. rex.

目录:

[The Rise and Fall of the Dinosaurs 下载链接1](#)

标签

科普

恐龙

史前

自然科学

生物

博物

普及

封面

评论

看了那么多年热闹后终于入门了。知道了三大类恐龙；知道了年代的划分；知道了主要产地和品种；知道了产地品种和大陆漂移的关系；知道了统计学无处不在；知道了辽宁为什么出恐龙；知道了恐龙的颜色是怎么猜的；知道了小行星灭绝的证据链.....
还有两个重要的思考副产品：因为小行星，人类要有移民计划；因为进化不受控制，人类要警惕抗生素失效。

非常正经的书，严谨但不失趣味。并不是简单的吸引眼球的“恐龙神秘趣闻大合集”，所有的论述和历史推断都有相应的科学证据加以支持。

对于一个初次读恐龙书籍而且非常认真的读者来说，读这本书的前几章相当花费时间。书里的图片相当少，每种恐龙的图片都要去网上查。但是当你大概对各种恐龙、古生物的名称有所了解了以后，后面几张就会快多了。书中提到了几个重要的地理formation，恐龙博物馆，还有很多有趣的古生物学家，都很值得以后更深入的了解。书中不仅介绍了恐龙的诞生繁盛与灭绝的过程。还有一个很多人都不知道的秘密（在此不剧透了）。本书还粗略介绍了研究恐龙化石的科技手段，比如作者最擅长的数据分析、大数据来研究恐龙进化的速度，用电脑建模来猜测恐龙咬合的力量和身体的体积，等等。非常有趣的一本书，值得购买。

并不只是科普读物

5 stars!

非常好的一本书。从第三纪恐龙的缘起一直写到白垩纪灭亡，中间作者还穿插了很多考古挖化石的故事。其中印象最深的是瑞士那个商业考古人士（专门挖化石卖给收藏家）在美国挖了一个完整的恐龙骨架，因为当时化石有一小部分在政府的土地里，化石最终被留在了博物馆，没有被私下出售。据说这人在苏黎世还有个恐龙博物馆，早知道去年去苏黎世，应该去参观一下。

[The Rise and Fall of the Dinosaurs_下载链接1](#)

书评

[The Rise and Fall of the Dinosaurs_下载链接1](#)