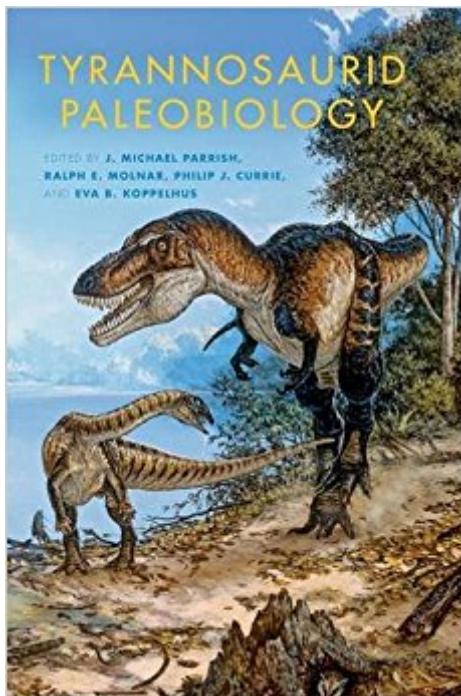


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# Tyrannosaurid Paleobiology (Life Of The Past)



## Synopsis

The opening of an exhibit focused on "Jane," a beautifully preserved tyrannosaur collected by the Burpee Museum of Natural History, was the occasion for an international symposium on tyrannosaur paleobiology. This volume, drawn from the symposium, includes studies of the tyrannosaurids *Chingkankousaurus fragilis* and "Sir William" and the generic status of *Nanotyrannus*; theropod teeth, pedal proportions, brain size, and craniocervical function; soft tissue reconstruction, including that of "Jane"; paleopathology and tyrannosaurid claws; dating the "Jane" site; and tyrannosaur feeding and hunting strategies. *Tyrannosaurid Paleobiology* highlights the far ranging and vital state of current tyrannosaurid dinosaur research and discovery.

## Book Information

Series: Life of the Past

Hardcover: 312 pages

Publisher: Indiana University Press (July 5, 2013)

Language: English

ISBN-10: 0253009308

ISBN-13: 978-0253009302

Product Dimensions: 7 x 1 x 10 inches

Shipping Weight: 1.8 pounds (View shipping rates and policies)

Average Customer Review: 4.8 out of 5 stars 10 customer reviews

Best Sellers Rank: #362,049 in Books (See Top 100 in Books) #11 in Books > Science & Math > Biological Sciences > Paleontology > Paleobiology #1999 in Books > Science & Math > Evolution

## Customer Reviews

" " •"Despite being discovered over 100 years ago, *Tyrannosaurus rex* and its kin still inspire researchers to ask fundamental questions about what the best known dinosaur was like as a living, breathing animal. *Tyrannosaurid Paleobiology* present a series of wide-ranging and innovative studies that cover diverse topics such as how tyrannosaurs attacked and dismembered prey, the shapes and sizes of feet and brains, and what sorts of injuries individuals sustained and lived with. There are also examinations of the diversity of tyrannosaurs, determinations of exactly when different kinds lived and died, and what goes into making a museum exhibit featuring tyrannosaurs. This volume clearly shows that there is much more to the study of dinosaurs than just digging up and cataloguing old bones." •Donald M. Henderson, Royal Tyrrell Museum of Palaeontology"Highly recommended." •Choice

J. Michael Parrish is Dean College of Sciences, San Jose State University. Ralph E. Molnar is Research Associate with the Museum of Northern Arizona. Philip J. Currie is Professor of Biological Sciences at the University of Alberta. Eva B. Koppelhus is Research Scientist in the Department of Biological Sciences at the University of Alberta.

Tyrannosaurid Paleobiology is a great collection of scientific presentations at a conference (or more appropriately, conferences) on current knowledge (as of 2005 or so) of the biology and behavior of *tyrannosaurus rex* and its related species. The articles are short, but very interesting, covering a wide-ranging series of topics, such as diseases, hunting behavior, tooth mechanics, and bone structure and musculature, to name a few. Illustrations are pertinent, with plenty of charts, images, and graphs to provide a visual connection to the data presented in each paper. In addition, each presentation comes with a detailed list of related articles and papers, for those who wish to explore the subject(s) in more depth. But don't be rash; this is not a book for the layperson or children. Most of the discussions are genuinely scientific, using extremely technical and specialized terminology which only a scientist, doctor, or dedicated student and amateur would understand. I doubt even a gifted, paleontology-inclined high-school student would have ease reading and comprehending this book... and by the time s/he has the technical knowledge to truly understand the contents, it'll all be outdated by new discoveries. So, if you're in the field, look no further... there will be plenty for you to analyze and argue about. And if you're a paleontology fan looking to reach the next level to see exactly WHY scientists think the bite of a t-rex could reach x-pounds, or the precise anatomical factors that relate/differentiate a nanotyrannus to/from a t-rex, I say, buy this book. You won't regret it.

Useful accumulation of current tyrannosaurid research.

Great book for hardcore enthusiasts.

Great papers. Technical. Good mix and better than the other IUP book on *Tyrannosaurus*.

Has become one of my treasured books. Thanks!

great book!!

Tyrannosaurid Paleobiology is a long overdue volume detailing the Tyrannosaur family of dinosaurs, the largest and most powerful predators to ever inhabit our planet. *Tyrannosaurus rex* stretched up to 45ft long and tipped the scales at 14,000lbs for a large adult. This book details how this creature lived and interacted with its environment in tremendous detail. Anyone who loves dinosaurs will have trouble keeping this one on the coffee table.

Fast service. loved it.

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