

## 1: The Dinosaur Heresies | Revolv

*The title The Dinosaur Heresies gives you a clue as to how radical this new viewpoint actually was. Chris D. Read more. 2 people found this helpful. Helpful.*

He attributes his interest in dinosaurs to his reading an article in the September 7, , issue of Life magazine. He graduated from Ridgewood High School in Paul worked and collaborated informally under his guidance. Most of his field work has been done in Wyoming , especially at Como Bluff , but he has ranged as far as Mongolia and South Africa in pursuit of dinosaur habitats. He also helped as an assistant at the University of Colorado. Theories[ edit ] Mounted Gorgosaurus skeleton with several bone injuries, from the "Dinosaur Mummy: His evidence for this includes: Almost all animals that walk upright today are warm-blooded, and dinosaurs walked upright. The hearts of warm-blooded animals can pump much more effectively than the hearts of cold-blooded animals. Therefore, the giant Brachiosaurus must have had the type of heart associated with warm-blooded animals, in order to pump blood all the way up to its head. Dinosaurs such as Deinonychus led a very active life, which was much more compatible with a warm-blooded animal. The rapid rate of speciation and evolution found in dinosaurs is typical of warm blooded animals and atypical of cold blooded animals. Birds evolved from dinosaurs, therefore a change to a warm-blooded metabolism must have taken place at some point; there is far more change between dinosaurs and their ancestors, the archosaurs , than between dinosaurs and birds. No such evidence exists; in fact mammals by the end of the Cretaceous had become smaller and smaller from their mammal-like-reptile ancestors. Dinosaurs grew rapidly, evidence for which can be found by observing cross-sections of their bones. Bakker is also a proponent of the idea that flowering plants evolved because of their interactions with dinosaurs. In the story, Bakker elaborates on his knowledge of the behavior of dromaeosaurids "raptor" dinosaurs and life at the time of their existence. Religious beliefs[ edit ] As a Pentecostal , [9] Ecumenical Christian minister, Bakker has said there is no real conflict between religion and science , and that evolution of species and geologic history is compatible with religious belief. Bakker views the Bible as an ethical and moral guide, rather than a literal timetable of events in the history of life. He has advised non-believers and creationists to read the views put forward by Saint Augustine , who argued against a literal understanding of the Book of Genesis. Bakker and his book are mentioned in the original Jurassic Park. Jurassic Park , is an affectionate caricature of Bakker. In real life, Bakker has argued for a predatory T. According to Horner, Spielberg wrote the character of Burke and had him killed by the T. After the film came out, Bakker recognized himself in Burke, loved the caricature, and actually sent Horner a message saying, "See, I told you T.

## 2: Dinosaur Heresies Book Review

*The Dinosaur Heresies: New Theories Unlocking the Mystery of the Dinosaurs and Their Extinction* is a book written by Robert T. Bakker.

In the years before Bakker wrote *The Dinosaurs Heresies* the majority of people pictured the dinosaurs as giant slow plodding lizards with the largest dinosaurs living in water to support their massive weight. It needs to be part of any serious dinosaur enthusiasts library. Deinonychus, the "two- hundred- pound Cretaceous predator with a wickedly enlarged hind claw for disembowelling prey" is drawn on page with feathers. This was indeed heresy when the book was published. Bakker based this reconstruction on its "incredibly birdlike anatomical structure" which strongly indicated "it is probable that they had already evolved feathers". When Bakker book was first published, many scientists were sceptical that meat- eating dinosaurs really were the ancestors of birds. They wanted to see proof that dinosaurs had feathers. In the last few years the fossilised remains of feathered dinosaurs have been discovered in the million year old lake sediment of Liaoning, China. With birds as the direct descendants of dinosaurs it becomes virtually impossible to see dinosaurs as slow lumbering creatures since the metabolic rate of birds is even higher than the mammals of today. So dinosaurs must have been fast and agile despite their large size - just as Bakker predicted in *The dinosaurs* drawn on page 19 of *Dinosaur Heresies* indicates the problem that some other palaeontologists see with this theory. The less athletic elephant is shown with an activity level similar to the 35 ton Brontosaurus and 20 ton Pelorsaurus. It is clear that the whole range of dinosaur life is 2 to 3 times the size of present day life with elephant sized carnivores and colossal vegetarians the size of a house. If you are looking for an answer to this riddle of the dinosaurs massive scale you will not find it here, the problem is hardly ever mentioned, but you will find startling evidence that the whole range of dinosaur life was highly active despite their gigantic size. If you want to read about some of the problems of scale you will need to read other books such as *Dynamics of Dinosaurs*. Perhaps it is better to suppress the other valid evidence of scale effects, and indeed there is only one theory that attempts to reconcile the two conflicting lines of evidence by suggesting that gravity was less in the past as presented in *Dinosaurs and the Expanding Earth*. Bakker avoids the scale problem by only presenting the ample evidence for agile, fast, warm- blooded, and intelligent dinosaurs. Much of this was achieved by the convincing arguments supported by his detailed illustrations which show in vivid detail the highly active dinosaurs feeding, mating, fighting, hunting, and dying. The book is excellent for the enthusiast who wants to know why the dinosaurs are now reconstructed as fast agile creatures, but anyone with only a slight interest in dinosaurs may find it too detailed. For a young reader the introductory style of books such as *Walking with Dinosaurs* might be a better choice. For a dinosaur fanatic *Dinosaur Heresies* is worth every penny.

## 3: The Dinosaur Heresies | Download eBook PDF/EPUB

*This study of dinosaur habits covers how they ate, reproduced & moved. Bakker's illustrations are based on 1st-hand studies of dinosaur exhibits in museums throughout the world. This book supports the view that dinosaurs were warm-blooded, intelligent & agile creatures bearing little resemblance to.*

## 4: The Dinosaur Heresies by Robert T. Bakker

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## 5: Robert T. Bakker - Wikipedia

*Dinosaur Heresies* is everything a popular science title should be. This book is a free-wheeling, thought-provoking,

## THE DINOSAUR HERESIES pdf

*incredibly fun jaunt through the range of controversies and rethinkings paleontology has seen in the past twenty years or so.*

### 6: - The Dinosaur Heresies by Ph.D., Robert T. Bakker

*The Dinosaur Heresies: New Theories Unlocking the Mystery of the Dinosaurs and Their Extinction Bakker, Robert T New York, New York, U.S.A.: Zebra Books, Very Good, Paperback, Dinosaur Heresies.*

### 7: The dinosaur heresies ( edition) | Open Library

*by Robert Bakker The Dinosaur Heresies revolutionised our perception of dinosaurs. In the years before Bakker wrote The Dinosaurs Heresies the majority of people pictured the dinosaurs as giant slow plodding lizards with the largest dinosaurs living in water to support their massive weight.*

### 8: The Dinosaur Heresies by Bakker, Robert T

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*The dinosaur heresies: new theories unlocking the mystery of the dinosaurs and their extinction. [Robert T Bakker] -- Presents the author's theories on dinosaurs, principally, that they were warm-blooded, and takes issue with many current theories held by scholars and the general public.*

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