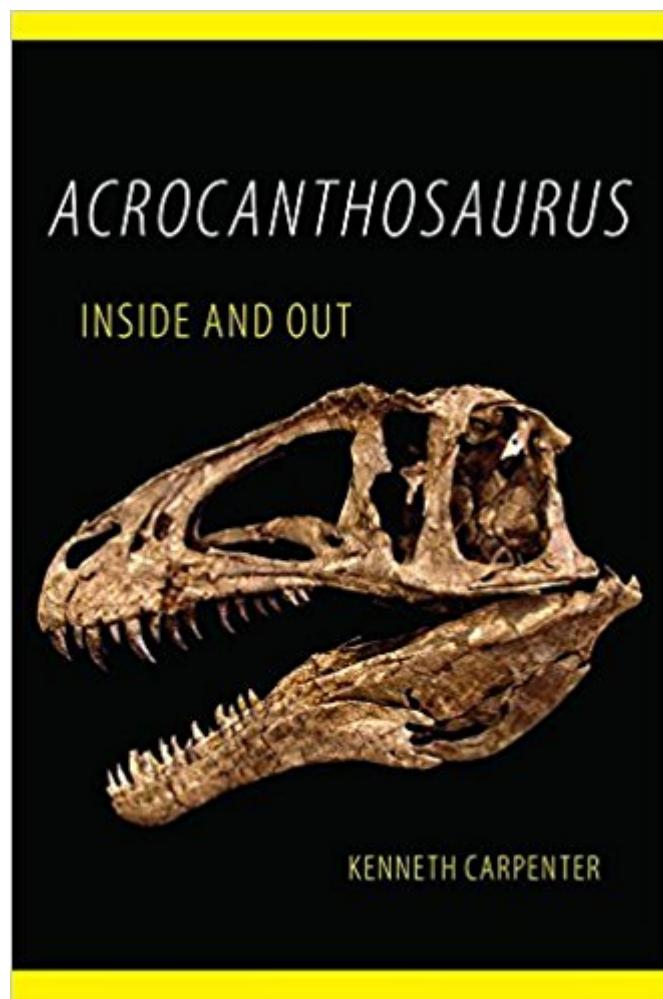


The book was found

# Acrocanthosaurus Inside And Out



## Synopsis

How can paleontologists know what a living dinosaur was like more than a hundred million years ago, particularly when only partial skeletons remain? Focusing on one large carnivorous dinosaur, *Acrocanthosaurus* (â œhigh-spined lizardâ •), paleontologist Kenneth Carpenter explains the process, pairing scholarly findings with more than 75 color illustrations to reconstruct â œAcroâ • before readersâ ™ eyes. In *Acrocanthosaurus Inside and Out*, he offers the most complete portrait possible of this fascinating dinosaurâ ™s appearance, biology, and behavior. *Acrocanthosaurus* is similar in size to its later cousin *Tyrannosaurus rex*, but studded with large spinesâ "roamed what is now the south-central United States 110 to 115 million years ago, during the Early Cretaceous. Carpenter worked on the most complete of the *Acrocanthosaurus* skeletons (nicknamed â œFranâ •) that has been found. Here he describes the techniques that tell us about Acroâ ™s biological makeup, movements, and habits. Studies of joints reveal the range of possible motion, while bumps, ridges, and scars on the bones show where muscles, ligaments, and tendons attached. CT scans allow us to peer into the braincase, while microscopes afford a cross-sectional view of bones. These findings in turn offer an idea of how Acro stalked and ate its prey. Scientific evidence beyond the fossils provides avenues for further inquiry: What does the sedimentary rock encasing Franâ ™s bones tell us about Acroâ ™s environment? What does our knowledge of Acroâ ™s distant relatives, such as crocodilians and birds, imply about its heart and other soft tissues? Can our understanding of other animals explain Acroâ ™s huge spines? Carpenter distills all this information into a clear, accessible, engaging account that will appeal to general readers and scholars alike. As the first book-length work on *Acrocanthosaurus*, this volume introduces a prehistoric giant that once stalked Texas and Oklahoma and offers a rare, firsthand glimpse into the trials and triumphs of paleontology.

## Book Information

Hardcover: 152 pages

Publisher: University of Oklahoma Press (September 22, 2016)

Language: English

ISBN-10: 0806153938

ISBN-13: 978-0806153933

Product Dimensions: 6.1 x 0.6 x 9.2 inches

Shipping Weight: 7.2 ounces (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #704,168 in Books (See Top 100 in Books) #98 in Books > Science & Math > Biological Sciences > Animals > Dinosaurs #302 in Books > Science & Math > Biological Sciences > Paleontology #3406 in Books > Science & Math > Evolution

[Download to continue reading...](#)

Acrocanthosaurus Inside and Out Outside and Inside Woolly Mammoths (Outside and Inside (Walker & Company)) Inside Sales Pro: Master Your Inside Sales Skills and Boost Your Career Look Inside a Bee Hive (Look Inside Animal Homes) The Great Brain Book, The: an Inside Look at the Inside of Your Head Inside Volcanoes (Inside Series) Inside Direct3D (Dv-Mps Inside) Surprise-Inside Cakes: Amazing Cakes for Every Occasion--with a Little Something Extra Inside 42 Rules for Building a High-Velocity Inside Sales Team: Actionable Guide to Creating Inside Sales Teams that Deliver Quantum Results Look Inside an Ant Nest (Look Inside Animal Homes) Inside Out: Literature, Cultural Politics, and Identity in the New Pacific (Pacific Formations: Global Relations in Asian and Pacific Perspectives) Inside Out and Outside In: Psychodynamic Clinical Theory and Psychopathology in Contemporary Multicultural Contexts Bill Graham Presents: My Life Inside Rock And Out Lights, Camera, Action!: Making Movies and TV from the Inside Out Inside Out and Back Again Marvelous Me: Inside and Out (All about Me) Volcanoes Inside and Out (On My Own Science) Organizing from the Inside Out, Second Edition: The Foolproof System For Organizing Your Home, Your Office and Your Life Political Campaign Communication: Inside and Out Building Communities from the Inside Out: A Path Toward Finding and Mobilizing a Community's Assets

[Dmca](#)