



# An Introduction to Human Evolutionary Anatomy

By Leslie Aiello, Christopher Dean

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**An Introduction to Human Evolutionary Anatomy** By Leslie Aiello, Christopher Dean

An anthropologist and an anatomist have combined their skills in this book to provide students and research workers with the essentials of anatomy and the means to apply these to investigations into hominid form and function. Using basic principles and relevant bones, conclusions can be reached regarding the probable musculature, stance, brain size, age, weight, and sex of a particular fossil specimen. The sort of deductions which are possible are illustrated by reference back to contemporary apes and humans, and a coherent picture of the history of hominid evolution appears. Written in a clear and concise style and beautifully illustrated, **An Introduction to Human Evolutionary Anatomy** is a basic reference for all concerned with human evolution as well as a valuable companion to both laboratory practical sessions and new research using fossil skeletons.

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## **An Introduction to Human Evolutionary Anatomy** By Leslie Aiello, Christopher Dean Bibliography

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## **Editorial Review**

### Review

"This outstanding contribution is anything but just another anatomy book. Aiello and Dean have filled a major gap in the literature of human evolution with this textbook of functional morphology for fossil hominids and modern great apes. Its uniqueness lies in a complete emphasis on subjects of concern in paleoanthropology, the use of an explicitly comparative approach, and a detailed discussion of the fossil record... Aiello and Dean have done a superb job. For human evolutionary anatomy, the state of the art has been measurably enhanced."

--AMERICAN ANTHROPOLOGIST

"This extraordinary book combines the two related studies of human anatomy and human paleontology... [Aiello and Dean] weave the two subjects together and produce a text that not only is filled with information but is easily usable... It is especially useful that the authors have included an introductory section on taxonomy and classification... It is a book that I believe everyone interested in human evolution should own. My final comment is that if I had to make a selection of limited items to take with me to the field where I would be studying or searching for hominid fossils, this book would be on my list."

--BECKY A. SIGMON, University of Toronto

"A highly innovative hybrid between textbook and extended review, that will be an essential resource for advanced undergraduates and researchers in any related field...Aiello and Dean have performed a major feat in bringing together in the compass of one volume such a mass of information. A couple of hours with Aiello and Dean will save the researcher days and weeks in the library. I believe it will come to be regarded as one of the most important resources for anyone framing a new research project in early hominid studies."

--THE TIMES HIGHER EDUCATION SUPPLEMENT

"Its unique blend of anatomy and paleontology will be extremely useful for a wide range of students and researchers in anthropology, anatomy, and paleontology....After reading through the vast array of topics covered by this book, one can't help but feel that the authors and the illustrator have done us a great service."

--Mark F. Teaford, The Johns Hopkins University School of Medicine, in AMERICAN JOURNAL OF PHYSICAL ANTHROPOLOGY

### From the Back Cover

For students of Human Evolution the fossil evidence of skeletal remains is a prime source of information from which to reconstruct the form and lifestyle of the early hominids. But how is this evidence to be fully and properly used by students with little or no anatomical training?

In this book an anthropologist and an anatomist have combined their skills to provide students and research workers with the essentials of anatomy and the means to apply these to investigations into hominid form and function. Armed with the basic principles and relevant bones conclusions can be reached regarding the probable musculature, stance, brain size, age, weight and sex of a particular fossil specimen. The sort of deductions which are possible are illustrated by reference back to contemporary apes and humans and a coherent picture of the history of hominid evolution emerges.

Written in a clear and concise style and profusely illustrated, this book is a basic reference for all concerned with human evolution and a valuable companion both to laboratory practical sessions and to new research using fossil skeletons.

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The First Comprehensive Description of Hominid Form and Function

## **Users Review**

### **From reader reviews:**

#### **Fernando Rowe:**

Why don't make it to become your habit? Right now, try to prepare your time to do the important work, like looking for your favorite reserve and reading a guide. Beside you can solve your long lasting problem; you can add your knowledge by the reserve entitled An Introduction to Human Evolutionary Anatomy. Try to make the book An Introduction to Human Evolutionary Anatomy as your good friend. It means that it can to be your friend when you truly feel alone and beside regarding course make you smarter than previously. Yeah, it is very fortunate for you. The book makes you far more confidence because you can know everything by the book. So, let me make new experience and knowledge with this book.

#### **Eleanor Hayes:**

This An Introduction to Human Evolutionary Anatomy book is simply not ordinary book, you have after that it the world is in your hands. The benefit you obtain by reading this book is usually information inside this guide incredible fresh, you will get facts which is getting deeper an individual read a lot of information you will get. This particular An Introduction to Human Evolutionary Anatomy without we comprehend teach the one who looking at it become critical in pondering and analyzing. Don't end up being worry An Introduction to Human Evolutionary Anatomy can bring when you are and not make your handbag space or bookshelves' come to be full because you can have it inside your lovely laptop even cell phone. This An Introduction to Human Evolutionary Anatomy having very good arrangement in word and layout, so you will not truly feel uninterested in reading.

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Nowadays reading books are more than want or need but also turn into a life style. This reading behavior give you lot of advantages. The huge benefits you got of course the knowledge the rest of the information inside the book that improve your knowledge and information. The data you get based on what kind of e-book you read, if you want attract knowledge just go with knowledge books but if you want experience happy read one together with theme for entertaining including comic or novel. The An Introduction to Human Evolutionary Anatomy is kind of reserve which is giving the reader capricious experience.

#### **Kenneth Garrison:**

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