

ANP 264

GREAT DISCOVERIES IN ARCHAEOLOGY

ONLINE (WEEK 2)

Film guide (**Becoming Human: Birth of Humanity**)

This documentary, the second in a three part series, focuses on the topic of human evolution as it pertains to the origins of species in the past that were distinctly human-like in appearance: *Homo erectus*. In particular, the film examines the innovations that this species of early Hominin is believed to have developed that set them apart from other and earlier species of Hominins, which ultimately allowed them to be the first species to expand extensive out of Africa into the rest of the Old World.

Your task in viewing this documentary is to 1) trace the social and technological developments that are attributed to *Homo erectus*, including hunting large prey, the use of fire, and extensive social bonds, 2) answer the question of why the age of Turkana Boy is so important to researchers and how it was determined, 3) be able to discuss the theory concerning the importance of long-distance running and the physical form associated with it, 4) understand the significance of the development of an extended period of childhood and parenting, and 5) explain how *Homo erectus* likely expanded out of Africa.

This film may be streamed in its entirety at the following website (a complete transcript is also available here):

<http://www.pbs.org/wgbh/nova/evolution/becoming-human-part-2.html>

Key Terms, Time Periods, Events, People, etc.

People

Homo erectus
Sarah Blaffer Hrdy
Meave Leakey
Richard Leakey
Turkana Boy
Victor Deak
Ralph Holloway
John Shea
Donald Johanson
Dan Lieberman
Mark Stoneking
Bushmen of the Kalahari
Richard Wrangham
David Lordkipanidze
***Homo floresiensis*' Hobbits'**

Places

Great Rift Valley

Lake Turkana

Central Kenya
Kalahari Desert
Dmanisi, Georgia
Flores, Indonesia

General Terms

Fossil tooth/dentine
Brain endocast
Broca's area
Hand axe
Endurance running
Lice/louse
Apes
Chimpanzees
Orangutans
Parenting
Island dwarfism