University of Minnesota

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31 October 2011

CE Prehistoric Cultures Week 9:

Week 9 — "Early Homo . . ."

and
"Homo erectus and Contemporaries . . ."

This week we continue to have a more formal look at archaeological methods and dating techniques. These will be with us on and off for the rest of the semester—that should be hard to forget by now. Continue to pay special attention to methods and techniques as we go along—from the field to the final film.

When we're done with the introductory methods and dating slide materials, we'll have a look at "Early *Homo*"—*Homo habilis* and *Homo rudolfensis*.

From there we'll move on to "Java Man" and "Peking Man" and their "contemporaries" in Europe and Africa—all known as one or other form of *Homo erectus*.

We'll first meet "The Turkana Boy" from Kenya, in the Becoming Human series.

We'll continue having a look at *Becoming Human*—NOVA's three-part series on Prehistoric Cultures. This week we take a look at "*Unearthing Our Earliest Ancestors* . . . 'Birth of Humanity.'" We'll watch the last of the series Week 11 when we look at "Last Man Standing."



 $(180/3\ \text{min.},\,2010,\,\text{UM}$ DULUTH Library Multimedia GN282 .B436 2010 DVD)

"In 'Birth of Humanity,' the second part of the three-part series 'Becoming Human,' NOVA investigates the first skeleton that really looks like us-'Turkana Boy'-an astonishingly complete specimen of *Homo erectus* found by the famous Leakey team in

Kenya. These early humans are thought to have developed key innovations that helped them thrive, including hunting large prey, the use of fire, and extensive social bonds."

"The program examines an intriguing theory that long-distance running—our ability to jog—was crucial for the survival of these early hominids. Not only did running help them escape from vicious predators roaming the grasslands, but it also gave them a unique hunting strategy: chasing down prey animals such as deer and antelope to the point of exhaustion. 'Birth of Humanity' also probes how, why, and when humans' uniquely long period of childhood and parenting began."

In the **moodle** Forum this week we have a look at a Chinese challenge to Africa . . .

• Forum: "Chinese challenge to 'out of Africa' theory" (Due by Friday, 11 November 2011)

Your **moodle** Topics and Reading Assignments Listings for Week 9 will look something like the information at the end of this memo.

As usual, if you have any questions, please let me know: mailto:troufs@d.umn.edu. Or, better yet, post them on you moodle Discussion and Project forum boards.

Try sharing your ideas with others in class. Discuss them on-line . . .

CE

CE class wiki: <u>General Student Discussion Area Forum</u> CE project live chat: Live chat for Project Collaboration

Best Regards,

Tim Roufs

Your moodle Presentations and Readings Listings for Week 9 will look something like this:

Anth 1602 Prehistoric Cultures

Week 9 —

"Early Homo . . . " and "Homo erectus and Contemporaries . . . "



CE Week 9 Memo

"Early Homo"

Homo habilis and Homo rudolfensis (slides 20) (.pptx)

"Homo Erectus"

Java (Pithecanthropus erectus) "Peking Man" / "Zoukoudian Homo erectus) Turkana Boy"

Homo erecti Slides

Week Day

CEE

Major Discoveries slides: Homo erectus and "The Hobbit"

Homo erectus: "Java Man" (slides 25) (.pptx) 17

Homo erectus in China: "Peking Man" (slides 26A) (.pptx)

European Homo erectus (slides 26B) (.pptx) African Homo erectus (slides 26C) (.pptx)

Migrations Out of Africa (slides 26D) (.pptx) 09 18

"Hobbit" (slides) (.pptx)

from **Dates and Times to Remember**

< http://www.d.umn.edu/cla/faculty/troufs/anth1602/pctimes.html#homoerectus>

c. 200,000 B.P.... [or c. 300,000 ybp?]

"Homo sapiens neandertalensis

(Homo neandertalensis) (Homo sapiens neandertalensis)

Homo sapiens heidelbergensis

c. 0.4 mya...

(Homo heidelbergensis) (Homo sapiens heidelbergensis) "Premodern Humans"

aka "Archaics"

Cf., Tind 10th Ed., Ch. 11 "Premodern Humans," pp. 255-282

Cf., Text 10th Ed., Ch. 10 "... Homo erectus and Contemporaries,"

pp. 233-254

c. 1.8 mya...

Homo erectus "Turkana Boy"

-- Homo erectus [aka Homo ergaster] (1.5 mya)

1.977 and 1.98

Australopithecus sediba

ory takes new turn -- BBCNews (08

C1. Text 10th Ed., Ch. 9 "Hominin Origins," pp. 201-232

September 2011)

Early Homo c. 2.4 mya... (Homo habilis...)



c. 2.6 mya . . . (11 August 2010) - first stone tools (Gona / Bouri, Ethiopia)

c. 2.5 mya "Taung Child"

- Australopithecus atricanus (c. 2.5 mya)

DAY 18 Thursday, 3 November 2011 nlt 12:45 CE Week 09 Monday, 7 November 2011 nlt tba

video:

Becoming Human: Unearthing Our Earliest Ancestors, Part 2, "Birth of Humanity"

NOVA (180//3 min., 2010, UM DULUTH Library Multimedia GN282 .B436 2010 DVD) film HomePage course viewing guide



Watch Becoming Human Part 2

readings from <u>Understanding Humans</u>, 10th Edition

Ch. 11, "Premodern Humans," pp. 255-282

The materials from Ch. 11 will be reviewed in the Week 10 presentations



For Week 9 Activities see moodle

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