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7 November 2011

CE Prehistoric Cultures Week 10:

Premodern HumansNeandertals and Other Archaic *Homo sapiens*

Midterm Exam 2 Coming Up



This week Neanderthal is on Trial.

And we'll have a look at *Homo habilis* and *Homo erectus* also.

Homo habilis and **Homo rudolfensis** are sometimes simply referred to as "Early **Homo**" and sometimes some folks talk *only* about *Homo habilis*—favoring a one-species approach to Early *Homo*.

"Java Man" and "Peking Man" are the best known of the *Homo erectus*, but don't forget they had "contemporaries" in Europe and Africa—we met "The Turkana Boy" from Kenya last week.

This week we'll see $Neanderthal\ on\ Trial$. There are a number of major problems with Neandertals, including . . .

- "The Neandertal Problem," which is about why the Neandertals disappeared so suddenly about 35,000 ypb
- Are Neandertals a separate species, or are they a variety of *Homo sapiens*?
- Did they interbreed with the Cro-Magnon? If so, what were the consequences?
- Did the Neandertals speak a language? What kind?

By the way, speaking of Neanderthal problems, technically *Neanderthal* should be spelled *Neandertal*, but you rarely see it spelled that way in the U.S.A. The scientific name *Homo sapiens neanderthalensis* keeps the *h*. ("In 1901 an orthographic reform in Germany changed the spelling of *Thal* [valley] to *Tal*" but those changes didn't apply to scientific terms.)

I'll also summarize things for the exam on the 21st of November 2011.

Sunday night, the 20th of November 2011, the night before the exam, there will be an **opportunity** for a live chat to review for the Exam.

CE

Live Chat -- Review for Midterm Exam II, Sunday, 20 November 2011

Join the live chat via the "Week 11 Activities" listing.

CE Midterm Exam 2
The CE Midterm Exam Part II will be Week 11,
Monday, 21 November 2011, on Chs. 8-11, 5:00-6:30

The Live Chat for the CE Prehistoric Cultures Exam II will be Sunday, 20 November 2011, 7:00-8:00 p.m. Sign in on moodle.

[40 questions, 200 points]

exam answer sheet

In the **moodle** Forum this week we have a look at a prehistoric cannibalism . . .

• Forum: Prehistoric Cannibalism (Due by Friday, 18 November 2011)

Your **moodle** Topics and Reading Assignments Listings for Week 10 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.

Share your ideas. Discuss them on-line with the others in class . . .

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 10 will look something like this:

Anth 1602 Prehistoric Cultures

Week 10 — Premodern Humans Neandertals and Other Archaic Homo sapiens Midterm Exam 2 Coming up Week 11



CE Week 10 Memo

CE Midterm Exam 2

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[40 questions]

exam answer sheet

"<u>Premodern Humans</u>" (aka " <u>Archaics</u>")

(slides: premoderns.pptx)

Text Ch. 11 "Premodern Humans"



Human Family Tree

Times to Remember					
Genus	Species	Variety	Alternative Name	Example	
<u>Homo</u>	<u>sapiens</u>	<u>heidelbergensis</u>	"Pre- Modern" (" <u>Archaic</u> ")	Heidelberg, Steinheim, Swanscombe, Kabwe	
		Neanderthalensis? (<u>Denisovans</u> ?)		<u>Neandertal</u>	

from

Dates and Times to Remember
http://www.d.umn.edu/cla/faculty/troufs/anth1602/pctimes.html#homoerectus>

c. 35,000 - 60,000 B.C.	Homo sapiens sapiens [National Geographic "Geographic" migration] ("Early Moderns" = Cro-Magnons)	" <u>Moderns</u> "	
c. 100,000 ybp c. 160,000 ybp c. 200,000 ybp c. 195,000 ybp	Qafzeh, Israel, Homo sapiens sapiens Herto, Ethiopia, Homo sapiens idativ IBBC article! "Mitochondrial Eve" [based on <u>DNA</u> analysis] Omo I and II, Homo sapiens sapiens, IBBC article!	"Anatomically Modern" Ct., Text 10 th Ed., Ch. 12 "The Origin and Dispersal of Modern Humans," pp. 233-254	
C. 200,000 B.P [or c. 300,000 ybp?]	"Homo sapiens neandertalensis (Homo neandertalensis) (Homo sapiens neandertalensis)	"Premodern Humans"	
c. 0.4 mya	Homo sapiens heidelbergensis "Other Archaics" (Homo heidelbergensis) (Homo sapiens heidelbergensis)	aka " <u>Archaics</u> " Cf., <u>Text</u> 10 th Ed., Ch. 11 "Premodern Humans," pp. 255-282	
c. 1.8 mya	Homo erectus "Turkana Boy" Homo erectus [aka Homo ergester] (1.5 mya)	Cf., <u>Text</u> 10 th Ed., Ch. 10 " Homo erectus and Contemporaries," pp. 233-254	
1,977 and 1,98		Australopiithecus sediba Human origins story takes new turn <u>BBCNews</u> (08 September 2011)	
c. 2.4 mya <u>Early Homo</u> (<u>Homo habilis</u>)		Cf., Text 10 th Ed., Ch. 9 "Homini Origins," pp. 201-232	

CE Week 10 Monday, 14 November 2011 nlt 7:25

video:

Neanderthals on Trial -- NOVA (60 min., 2002, VC 4333)

film HomePage course viewing guide





Gibraltar I: Reconstruction of a ca. four-year-old Neandertal **PBS** Neandertal (aka Homo neanderthalensis or Homo sapiens neandertalensis) Homo sapiens sapiens

Also available at the UMD library:

The Fate of Neanderthal Man [sic.] Episode 1: "The Mammoth Hunter" (52 min., 1999, VC 3647, Pts. 1 and 2) Episode 2: "The Death of Neanderthal Man [sic.]" (52 min., 1999, VC 3647, Pts. 1 and 2)

For fun, have a look at Neanderthal's World -- Films for the Humanities (97 min., 2001, VC 4592)

[The facts and details in this presentation are good, but the dramatization gets a little carried away. Nonetheless, it's a fun video to watch.]

For Week 10 Activities see moodle

assignment: ¤ Prepare for <u>Exam #2</u>

CE Midterm Exam 2

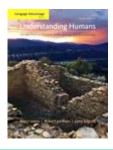
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exam answer sheet

assignment: (after exam) ¤ Ch. 12, pp. 283-310



For Week 10 Activities see moodle

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