

CE Prehistoric Cultures Week 10

Premodern Humans

Neandertals and Other Archaic *Homo sapiens*

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 Monday.

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 quiz on the 19th.

Sunday night, the 18th, the night before the exam, there will be an **opportunity for a live chat to review for the Exam.**

CE

- [Live Chat -- Review for Quiz 2, Sunday, 18 November 2012](#)

Join the live chat *via* the “Week 10 Activities” listing.

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

CE

- [Forum: Prehistoric Cannibalism \(Due by Friday, 16 November 2012\)](#)

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 your **moodle** Discussion and Project forum boards.

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

f2012 CE 1602

- [Live chat for Project Collaboration](#)
- [General Student Discussion Area](#)

The above items will be found at the top of your **moodle** folder under “**Student Collaboration Space.**”

Best Regards,

Tim Roufs

[Anth 1602 Prehistoric Cultures](#)

Week 10 — Premodern Humans Neandertals and Other Archaic *Homo sapiens* **Midterm Exam 2**



CE Week 10 Memo

CE Midterm Exam 2

The **CE Midterm Exam Part II** will be **Week 11, Monday, 19 November 2012, on Chs. 8-11, 5:00-6:30**

The **Live Chat for the CE Prehistoric Cultures Exam II** will be Sunday, 18 November 2010, 7:00-8:00 p.m. Sign in on **fnoodle**.

[40 questions, 200 points]

[exam answer sheet](#)

"Premodern Humans"
(aka "Archaics")

(slides: [premoderns.pptx](#))

[Text](#) Ch. 11 "Premodern Humans"



Human Family Tree
[National Museum of Natural History](#)

[Times to Remember](#)

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

Adapted from [Introduction to Physical Anthropology, 10th ed.](#), Jurmain, Nelson, Kilgore, and Trevathan (Belmont, CA: Wadsworth/Thomson Learning, 2010, pp. 256 - 282).

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

c. 35,000 - 60,000 B.C. ***Homo sapiens sapiens***
[National Geographic Geographic migration]
 ("Early Moderns" = Cro-Magnons...) **"Moderns"**

c. 100,000 ybp **Qafzeh, Israel,**
Homo sapiens sapiens

c. 160,000 ybp Herto, Ethiopia, *Homo sapiens idaltu*
[BBC article] **"Anatomically Modern"**

c. 200,000 ybp **"Mitochondrial Eve"**
[based on DNA analysis] Cf., Text 10th Ed., Ch. 12
 "The Origin and Dispersal of Modern Humans,"
 pp. 233-254

c. 195,000 ybp **Omo I and II,**
***Homo sapiens sapiens*,**
[BBC article]



c. 200,000 B.P....
[or c. 300,000 ybp?] **"*Homo sapiens neandertalensis*"**
(*Homo neandertalensis*)
 (*Homo sapiens neandertalensis*) **"Premodern Humans"**
 aka "**Archaics**"

c. 0.4 mya... ***Homo sapiens heidelbergensis***
"Other Archaics"
 (*Homo heidelbergensis*)
 (*Homo sapiens heidelbergensis*) Cf., Text 10th Ed., Ch. 11
 "Premodern Humans,"
 pp. 255-282



c. 1.8 mya... ***Homo erectus***
"Turkana Boy"
-- *Homo erectus* [aka *Homo ergaster*] (1.5 mya) Cf., Text 10th Ed., Ch. 10
 "... *Homo erectus* and Contemporaries,"
 pp. 233-254

1.977 and 1.98 ***Australopithecus sediba***
Human origins story takes new turn -- BBCNews (08 September 2011)

c. 2.4 mya... **Early *Homo***
(*Homo habilis*...) Cf., Text 10th Ed., Ch. 9
 "Hominin Origins,"
 pp. 201-232

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CE Week 10 Monday, 12 November 2012 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 neanderthalensis*)
Homo sapiens sapiens

Also available at the UMD library:

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

For fun, have a look at *Neandertal'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 [fnoodle](#)

assignment:

α Prepare for [Exam #2](#)

CE Midterm Exam 2

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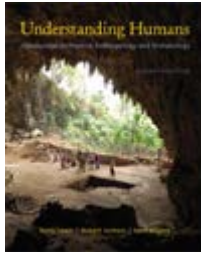
[40 questions, 200 points]

[exam answer sheet](#)

assignment:

(after exam)

☒ Ch. 12, "The Origin and Dispersal of Modern Humans," pp. 279-306



For Week 10 Activities see [fnoodle](#)
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