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.

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 your Moodle Discussion and Project forum boards.

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

CE

CE class wiki: General Student Discussion Area Forum
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 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]

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

<table>
<thead>
<tr>
<th>Genus</th>
<th>Species</th>
<th>Variety</th>
<th>Alternative Name</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homo</td>
<td>sapiens</td>
<td>heidelbergensis</td>
<td>&quot;Pre-Modern&quot; (&quot;Archaic&quot;)</td>
<td>Heidelberg, Steinheim, Swanscombe, Kabwe...</td>
</tr>
<tr>
<td>Neanderthalensis?</td>
<td>(Denisovans?)</td>
<td>Neandertal</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>


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### Dates and Times to Remember

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

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

- **c. 100,000 ybp**
  - *Homo sapiens sapiens*

- **c. 200,000 ybp**
  - "Mitochondrial Eve" (60 My BP)

- **c. 195,000 ybp**
  - Omo I and II, *Homo sapiens sapiens*, ([Source](http://www.d.umn.edu/cla/faculty/troufs/anth1602/pctimes.html#homoerectus))

- **c. 200,000 B.P.**
  - *Homo sapiens neanderthalensis* ("Premodern Humans" and "Archais")

- **c. 0.4 mya...**
  - ""West African" (Homo sapiens heidelbergensis).

- **c. 1.8 mya...**
  - *Homo erectus* ("Turkana Boy")

- **c. 2.4 mya...**
  - Early *Homo* ("Homo habilis")

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<http://www.d.umn.edu/cla/faculty/troufs/anth1602/pctimes.html#homoerectus>
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 Exam #2

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

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

moodle

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