

Chauvet Cave

- <http://www.youtube.com/watch?v=79IUyQwZNh4>





Last time...

- What happened in human evolution after 25,000 years ago?
- How did humans change in the last 25,000 years?
 - Anatomically?
 - Behaviorally?
 - How did their technology change?

Peopling of the New World

- When and how did people come to the New World?
- Why is understanding the peopling of the New World important for understanding human evolution?

Neolithic Revolution

- What was the Neolithic revolution?
- What is domestication?
- How did domestication of plants and animals change the lifeways of Neolithic people?
- How did domestication of plants and animals affect the evolutionary paths of Neolithic peoples who adopted this way of life?

And then what?

- Significant anatomical and behavioral changes
- Modern humans spread around the world
- Population size greatly increases





Bering Land Bridge

Mesolithic Canoe



Replica of a Mesolithic Hut



Mesolithic fish trap, Ireland



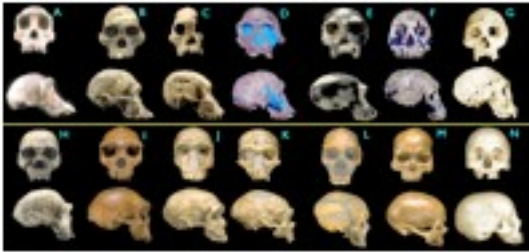


Mesolithic Painting depicting Bow and Arrow

Where did modern humans come from?

- *Homo erectus* is found throughout the old world
- Archaic humans are found throughout the old world
- Modern humans are found throughout the old world

From *Australopithecus* through *Homo*

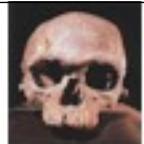


Traditional Phylogeny

Homo sapiens

Homo erectus

Homo habilis



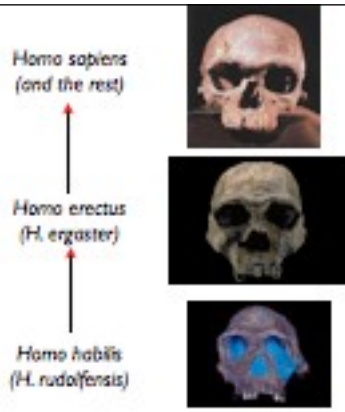
Current thought....

- More complicated of course...
- Two camps...
- May be divided into more species
 - People recognize anywhere from 3 to 9 different species of *Homo*

Possible species of *Homo*

Homo sapiens
Homo heidelbergensis
Homo antecessor
Homo neanderthalensis
Homo floresiensis
Homo ergaster
Homo erectus
Homo habilis
Homo rudolfensis

Traditional Phylogeny



How many species of *Homo* you recognize depends on how you see evolution as having proceeded and how you view variation.

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