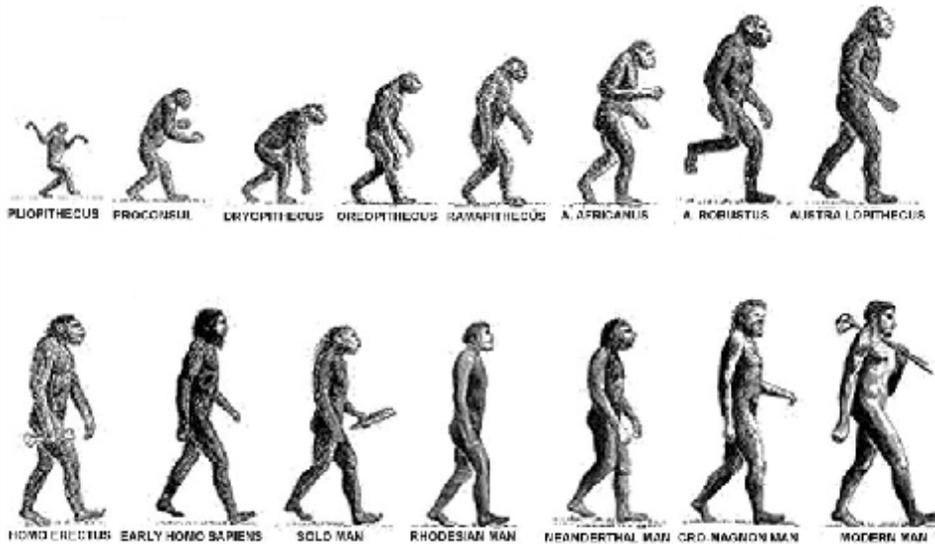


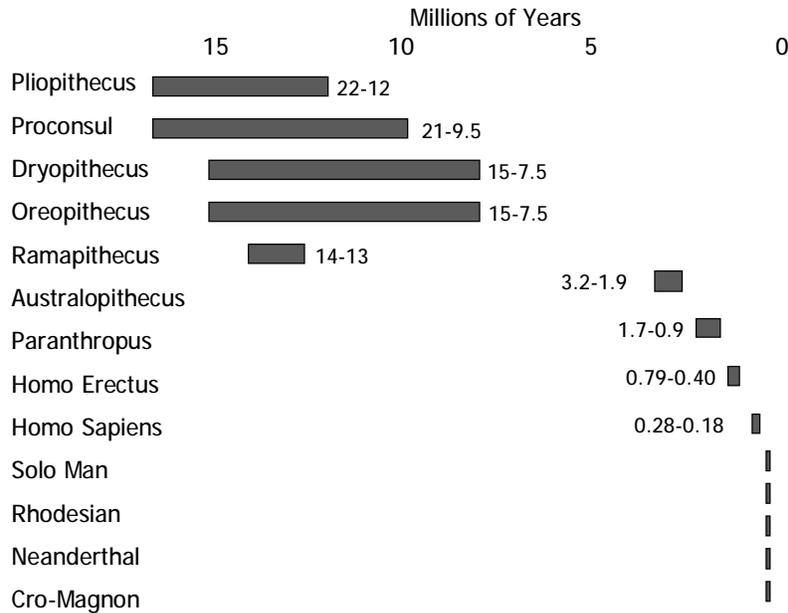
# Apemen

Are you a monkey's cousin?

## Human Evolution



## Dates of Apemen



"It may never be possible to say exactly what evolved into what."

*Meave Leakey*

"I think we're still doing a great deal of guessing."

*Richard Leakey*

"There is no clear-cut and inexorable pathway from ape to human being. As to whether man evolved from chimps, orangutans or gibbons, the fossil record has been elastic enough, the expectations sufficiently robust to accommodate almost any story.

"Perhaps generations of students of human evolution, including myself, have been flailing about in the dark, our database too sparse, too slippery for it to be able to mold our theories. Rather the theories are more statements about us and our ideologies than about the past."

*David Pilbeam, Professor of Anthropology at  
Harvard University*

## How to Conjure up an Apeman

- nUpscale an Ape-like fossil
- nDownscale a Human fossil
- nCombine parts of Both

## Artist's Reconstructions

- n Most often fragments are the only evidence.
- n Ape bones are fashioned to look human.
- n Human bones are fashioned to look apelike.
- n Hair, nose, eyes, lips and ears are added according to the direction and instruction of the evolutionist.

## Taxonomy

Kingdom	Animalia
Phylum	Vertebrata
Class	Mammalia
Order	Primate
Superfamily	Hominoid
Family	Hominid
Genus	Homo
Species	Sapians

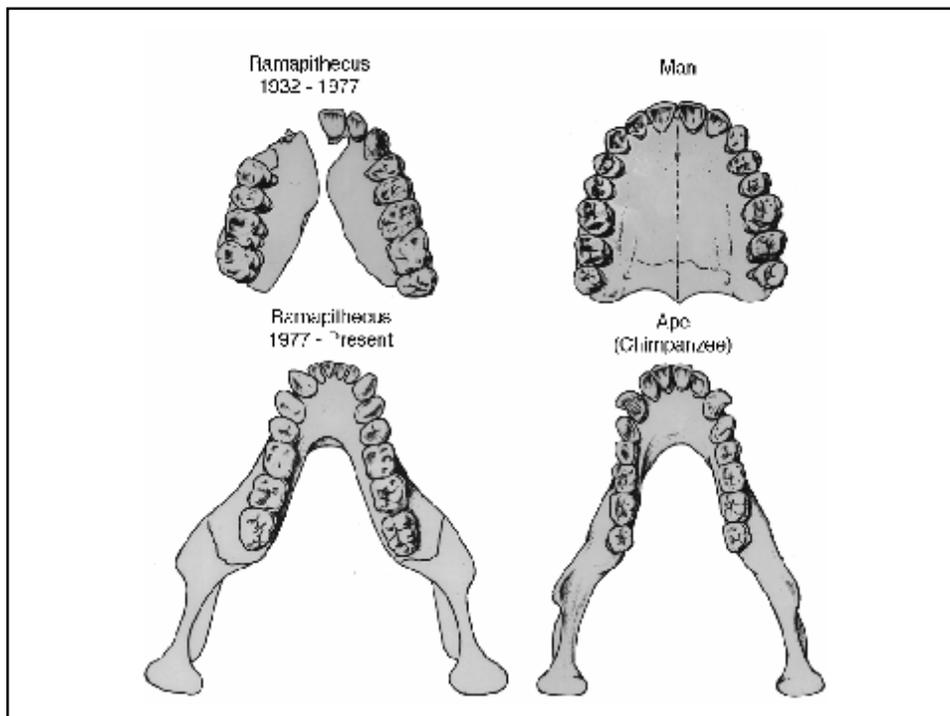
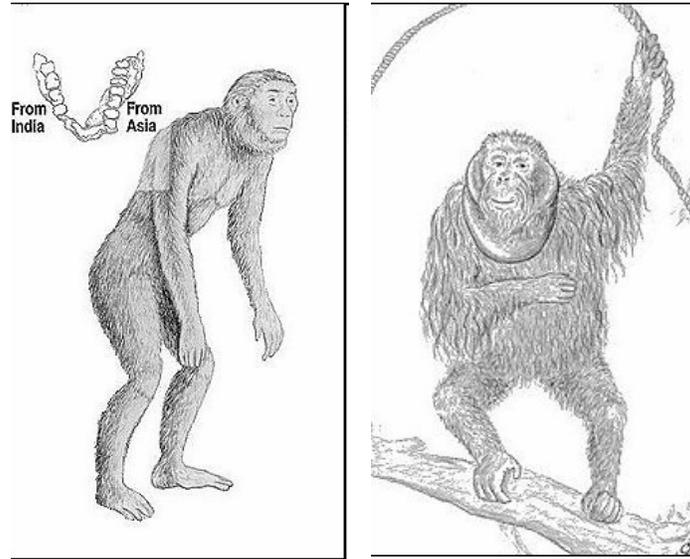
## Questions to ask when they find a hominid

- n What is the expected range of variation?
- n Do the bones represent one individual?
- n Did they actually use the tools found?
- n Was the creature part of the meal?

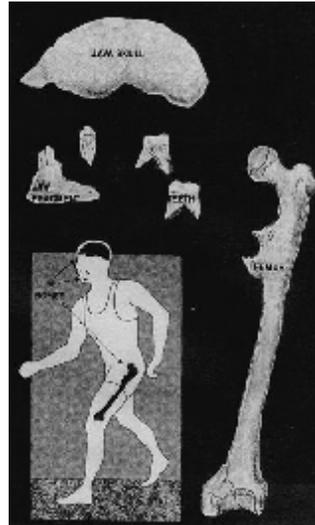
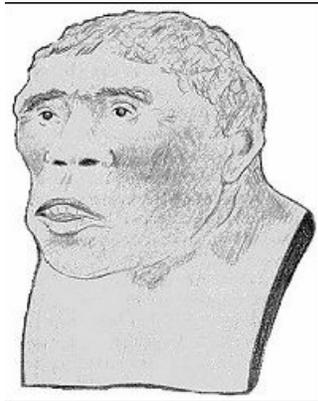
## Differences between Man and Ape

- n Brain size
- n Brow ridges
- n Eye sockets
- n Shape of face
- n Nasal spine
- n Dental arcade
- n Tooth enamel
- n Posture/Gait

# Ramapithecus



## Java Man



"Pithecanthropus [Java man] was not a man, but a gigantic genus allied to the Gibbons, superior to its near relatives on account of its exceedingly large brain volume, and distinguished at the same time by its erect attitude."

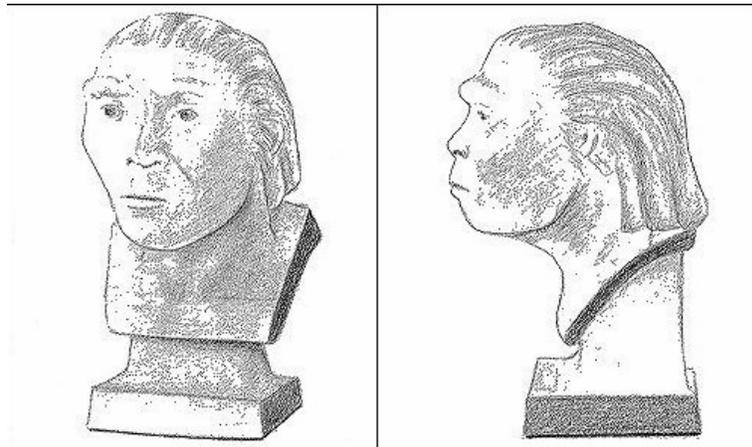
Eugene Dubois, January 1937

## Nebraska Man

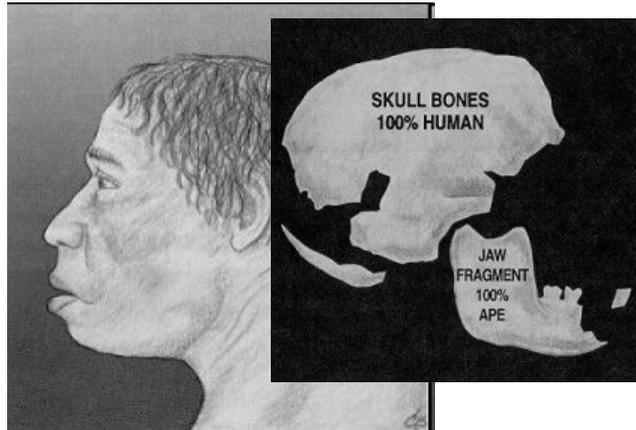


One molar tooth ...  
from a Pig!

## Peking Man



## Pitldown Man



How is it that trained men, the greatest experts of their day, could look at a set of modern human bones—the cranial fragments—and “see” a clear simian signature in them; and “see” in an ape’s jaw the unmistakable signs of humanity? The answers, inevitably, have to do with the scientists’ expectations and their effects on the interpretation of data.

Lewin, *Bones of Contention*, p. 61.

## Neanderthal Man



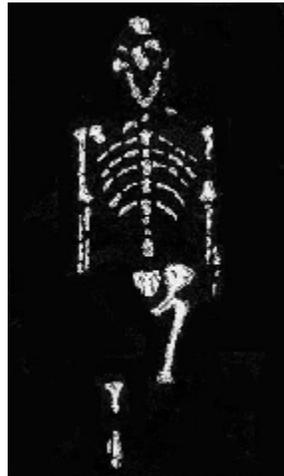
## Modern Man or Ape Man?



"the uniqueness of Neanderthals appears to have been exaggerated ... "

*Yaroch, Yearbook of Physical Anthropology, 1996*

## Lucy



"... the only positive fact we have about the Australopithecine brain is that it was no bigger than the brain of a gorilla. The claims that are made about the human character of the Australopithecine face and jaws are no more convincing than those made about the size of its brain. The Australopithecine skull is in fact so overwhelmingly simian as opposed to human that the contrary proposition could be equated to an assertion that black is white."

Zuckerman

“For my own part, the anatomical basis for the claim that the Australopithecines walked and ran upright like man is so much more flimsy than the evidence which points to the conclusion that their gait was some variant of what one sees in subhuman Primates, that it remains unacceptable.”

Zuckerman

## The Cavemen of Job's Day

Job 30:1-7 (NKJV)

But now they mock at me, men younger than I,  
Whose fathers I disdained to put with the dogs of  
my flock. Indeed, what profit is the strength of  
their hands to me? Their vigor has perished.  
They are gaunt from want and famine, Fleeing late  
to the wilderness, desolate and waste, Who pluck  
mallow by the bushes, And broom tree roots for  
their food. They were driven out from among men,  
They shouted at them as at a thief. They had to  
live in the clefts of the valleys, In caves of the  
earth and the rocks. Among the bushes they  
brayed, Under the nettles they nestled.

### Genesis 1:26-27 (NKJV)

Then God said, "Let Us make man in Our image, according to Our likeness; let them have dominion over the fish of the sea, over the birds of the air, and over the cattle, over all the earth and over every creeping thing that creeps on the earth." So God created man in His *own* image; in the image of God He created him; male and female He created them.

### Genesis 2:7 (NKJV)

And the Lord God formed man *of* the dust of the ground, and breathed into his nostrils the breath of life; and man became a living being.

## Becoming a New Creation

