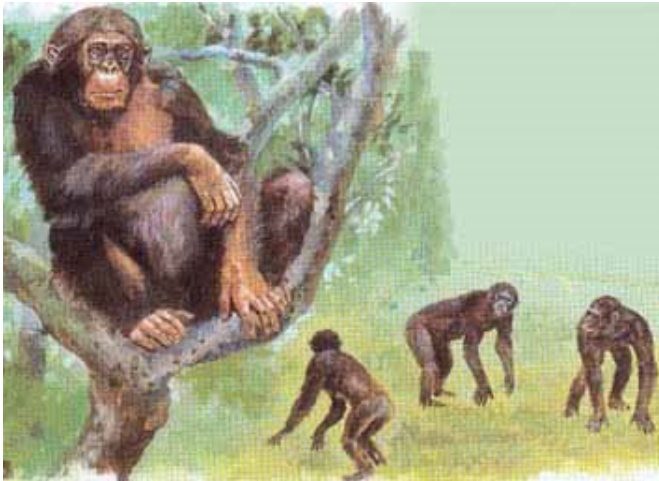


Pan troglodytes (Chimpanzee)

- Live in equatorial Africa
- Lived 6 million years ago to now
- Brain size: 320-480 cc
- Both quadrupedal (walk on all 4 limbs), knuckle-walking and bipedal (walk on 2 legs for short distances)
- Live in a wide variety of habitats, but must have trees for sleeping
- Teeth are built for eating fruit and other vegetation, but will eat meat if they can get it
- Use primitive tools to gather food



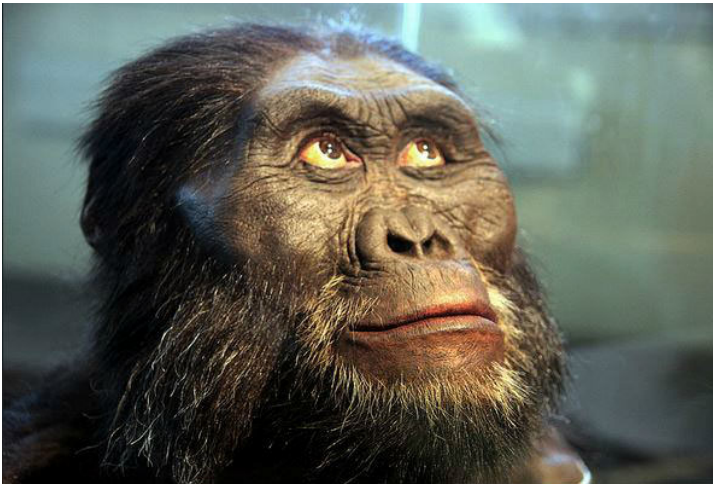
Proconsul africanus

- Lived in Africa
- Lived approximately 23-14 million years ago
- Brain size: 167 cc
- Wrist bones are monkey-like to allow knuckle-walking and tree climbing
- Canine teeth different in males and females
- Teeth were built for eating fruit
- Bones indicate it was strong for its size



Australopithecus africanus

- Lived in southern Africa
- Lived approximately 2-3 million years ago
- Brain size: 420-500 cc (a little larger than a chimpanzee)
- Bipedal (walked on 2 legs all the time)
- Wrist bones do not allow for "knuckle-walking"
- About the same body size as a chimpanzee
- Teeth are large, but similar to modern human in shape and function
- Bone structure indicates they were very strong



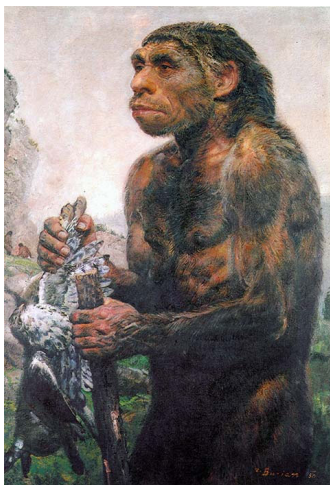
Australopithecus boisei

- Lived in east Africa (Tanzania, Ethiopia, Kenya)
- Lived approximately 1-2 million years ago
- Brain size: 530 cc
- Massive cheek-teeth for grinding food
- May have used bones as digging tools



Homo erectus

- Lived in Africa, Asia, and Europe
- Lived approximately 1.8 million-300,000 years ago
- Brain size: 900-1100 cc
- Bone structure indicates they were stronger than modern humans
- Large molar teeth for grinding food
- Used fire and stone tools



Homo sapiens neanderthalensis

- Lived in all areas of Europe and the Middle East and parts of Asia
- Lived in cold climates; body size and shape similar to Eskimo people
- Lived 230,000-30,000 years ago
- Brain size: 1450 cc (larger than modern humans)
- Bone structure indicates extraordinary strength
- First hominids to bury their dead
- Used more advanced stone tools



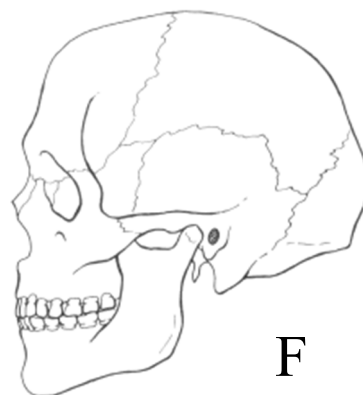
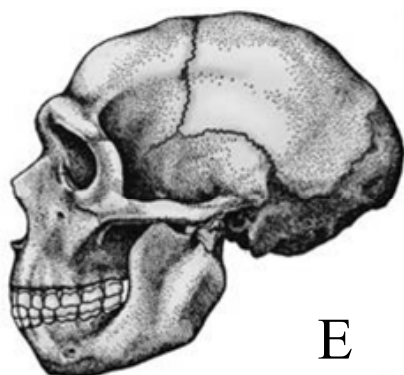
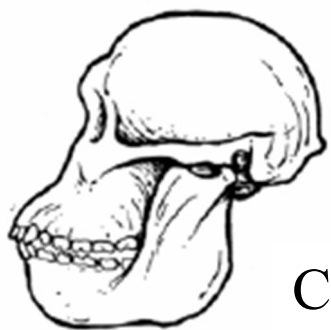
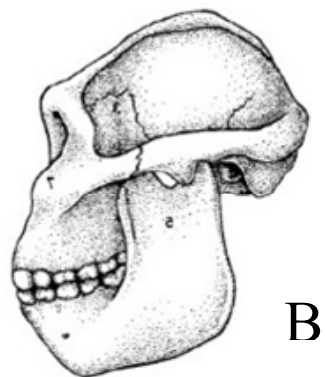
Homo sapiens cro-magnon

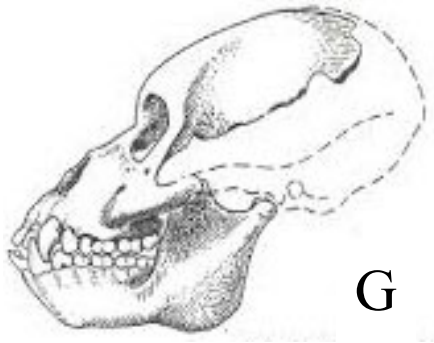
- Lived in Europe
- Lived 35,000-10,000 years ago
- Brain size: 1350 cc
- Tools expanded to use more materials (stone, bone, antler) and decorative/artistic beading, painting, carving
- Skilled hunters
- Sub-group of modern humans – distinguished only by location of the fossils in Europe



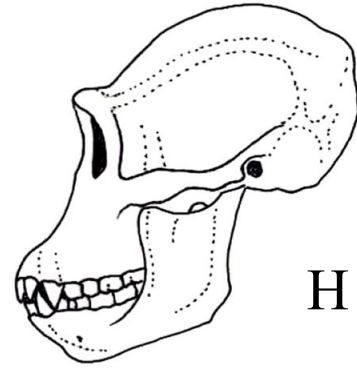
Homo sapiens sapiens (modern humans- you and me!)

- Range has expanded to worldwide in every habitat
- Lived 195,000 years ago to now
- Brain size: 1350 cc
- Tools expanded to use more materials (stone, bone, antler) and decorative/artistic beading, painting, carving
- Smaller molars (grinding teeth); canines of males and females are similar
- Male and female body sizes are similar





G



H

- A: Homo sapiens cro-magnon
- B: Australopithecus boisei
- C: Australopithecus africanus
- D: Homo erectus
- E: Homo sapiens neanderthalensis
- F: Homo sapiens sapiens
- G: Proconsul africanus
- H: Pan troglodytes

*Proconsul
africanus*

*Australopithecus
boisei*

*Australopithecus
africanus*

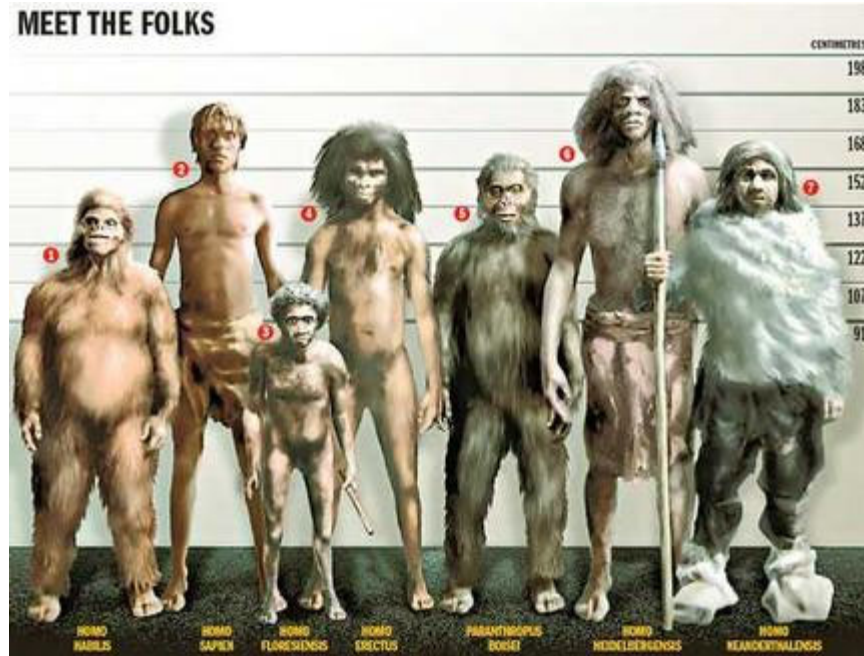
*Homo
erectus*

*Homo sapiens
neanderthalensis*

*Homo sapiens
sapiens*

Pan
troglodytes

Homo sapiens
cro-magnon



<http://www.mmdtkw.org/Gr0006MeetTheFolks.jpg>

1 HOMO HABILIS

NICKNAME: Handyman
 LIVED: 2.4 to 1.6 million years ago
 HABITAT: Tropical Africa
 DIET: Omnivorous - nuts, seeds, tubers, fruits, some meat

2 HOMO SAPIEN

NICKNAME: Human
 LIVED: 200,000 years ago to present
 HABITAT: All
 DIET: Omnivorous - meat, vegetables, tubers, nuts, pizza, sushi

3 HOMO FLORESIENSIS

NICKNAME: Hobbit
 LIVED: 95,000 to 13,000 years ago
 HABITAT: Flores, Indonesia (tropical)
 DIET: Omnivorous - meat included pygmy stegodon, giant rat

4 HOMO ERECTUS

NICKNAME: Erectus
 LIVED: 1.8 million years to 100,000 years ago
 HABITAT: Tropical to temperate - Africa, Asia, Europe
 DIET: Omnivorous - meat, tubers, fruits, nuts

5 PARANTHROPUS BOISEI

NICKNAME: Nutcracker man
 LIVED: 2.3 to 1.4 million years ago
 HABITAT: Tropical Africa
 DIET: Omnivorous - nuts, seeds, leaves, tubers, fruits, maybe some meat

6 HOMO HEIDELBERGENSIS

NICKNAME: Goliath
 LIVED: 700,000 to 300,000 years ago
 HABITAT: Temperate and tropical, Africa and Europe
 DIET: Omnivorous - meat, vegetables, tubers, nuts

7 HOMO NEANDERTHALENSIS

NICKNAME: Neanderthal
 LIVED: 250,000 to 30,000 years ago
 HABITAT: Europe and Western Asia
 DIET: Relied heavily on meat, such as bison, deer and musk ox