

## II- The homo genus.

The homo genus contains actual mankind and some fossils which features include:

- small face
- sexual dimorphism (not much shown in skeleton)
- bipedalism thanks to an occipital hole (foramen magnum) positioned forward and running skill.
- Parabolic mandibula.
- Etc...

The use of complex tools and cultural practices are associated to the Homo genus but not specific to it.

An accurate and detailed phylogenetic tree of Homo genus is disputed at the moment.

### **Read the documents to know more about human lineage:**

- The human lineage underwent a bushy evolution (document: "A bushy evolution")
- Even if there are a lot of different species belonging to homo genus, some are more famous because of their characteristics (document: Table of human evolution + <http://humanorigins.si.edu/evidence/human-evolution-timeline-interactive>)
- There are different theories about how modern human spread around the world (document: "out of Africa Theory") + <https://www.sciencedaily.com/releases/2019/03/190320101957.htm>
- If you are interested: Information about art beliefs and stone tools <http://humanorigins.si.edu/evidence/behavior/stone-tools>

### **Training:**

- 1- Describe the different characteristics of a fossil belonging to homo genus.
- 2- Define the following expressions:  
Bushy evolution  
Out of Africa theory
- 3- Describe the most famous species of the homo genus and compare them to Australopithecus and chimpanzees.
- 4- Follow the link and try to identify a skull. Try to explain the process to a classmate.

<http://humanorigins.si.edu/evidence/human-fossils/mystery-skull-interactive>

- 5- Read the document "Reading: a new species" then answer the questions and present your conclusions to a classmate.