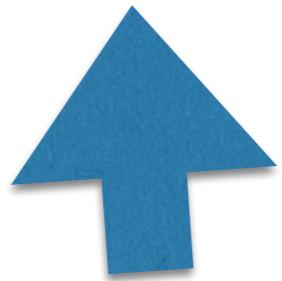


# What is Taxonomy?

## Classification — grouping to order and organise

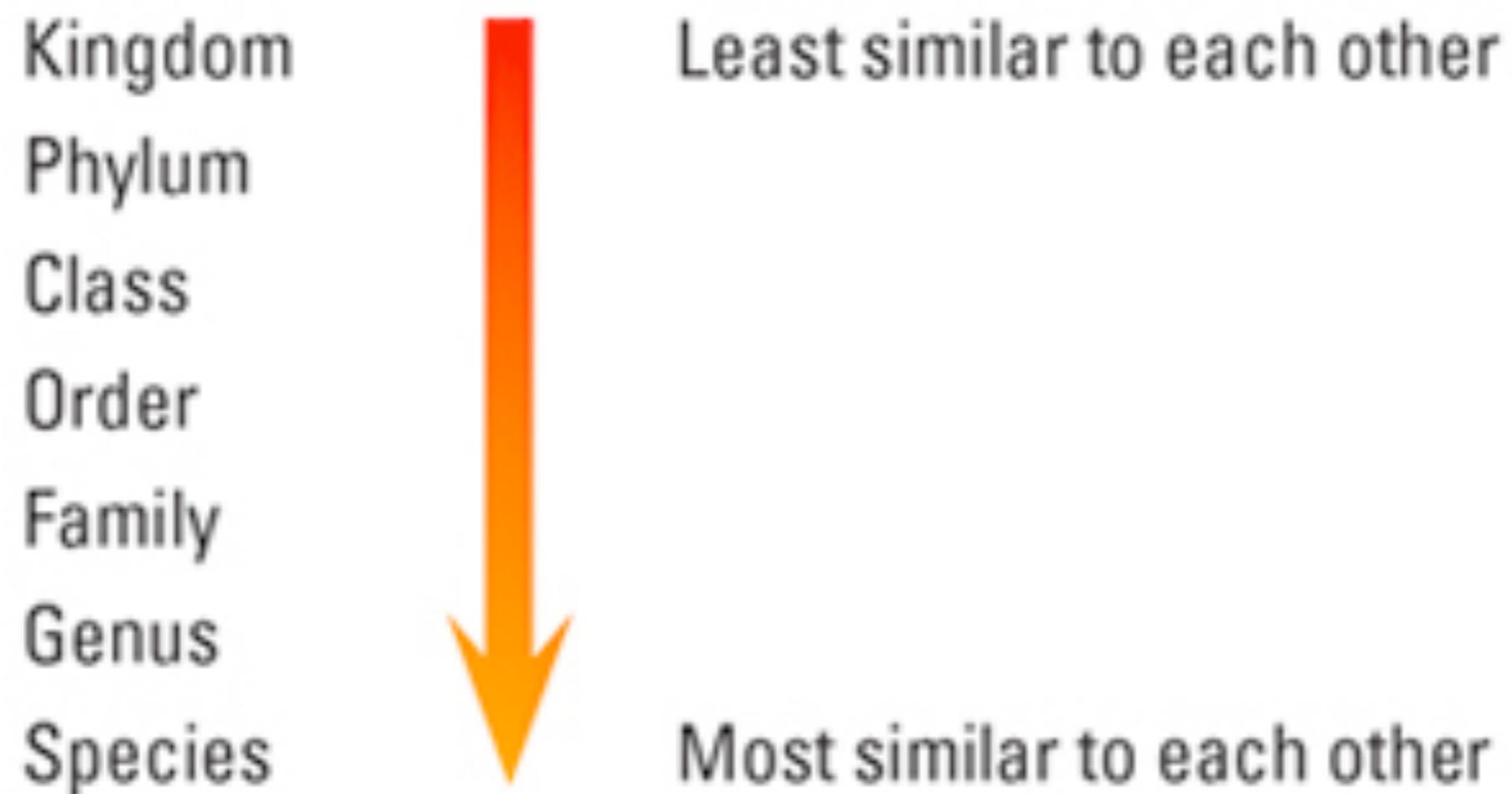
Taxonomy is the formal classification of living things.

A taxonomist is a biologist who specialises in classification.



Carolus Linnaeus (1707–1778) is considered to be the 'father of taxonomy'

**Linnaeus** sorted organisms into groups based on their physical similarities. He called the largest grouping kingdoms and the smallest grouping species



# Timeline of Classification

- **In the 1700s, Linnaeus proposed that living things could be grouped into three kingdoms**



Carolus Linnaeus (1707–1778) is considered to be the ‘father of taxonomy’

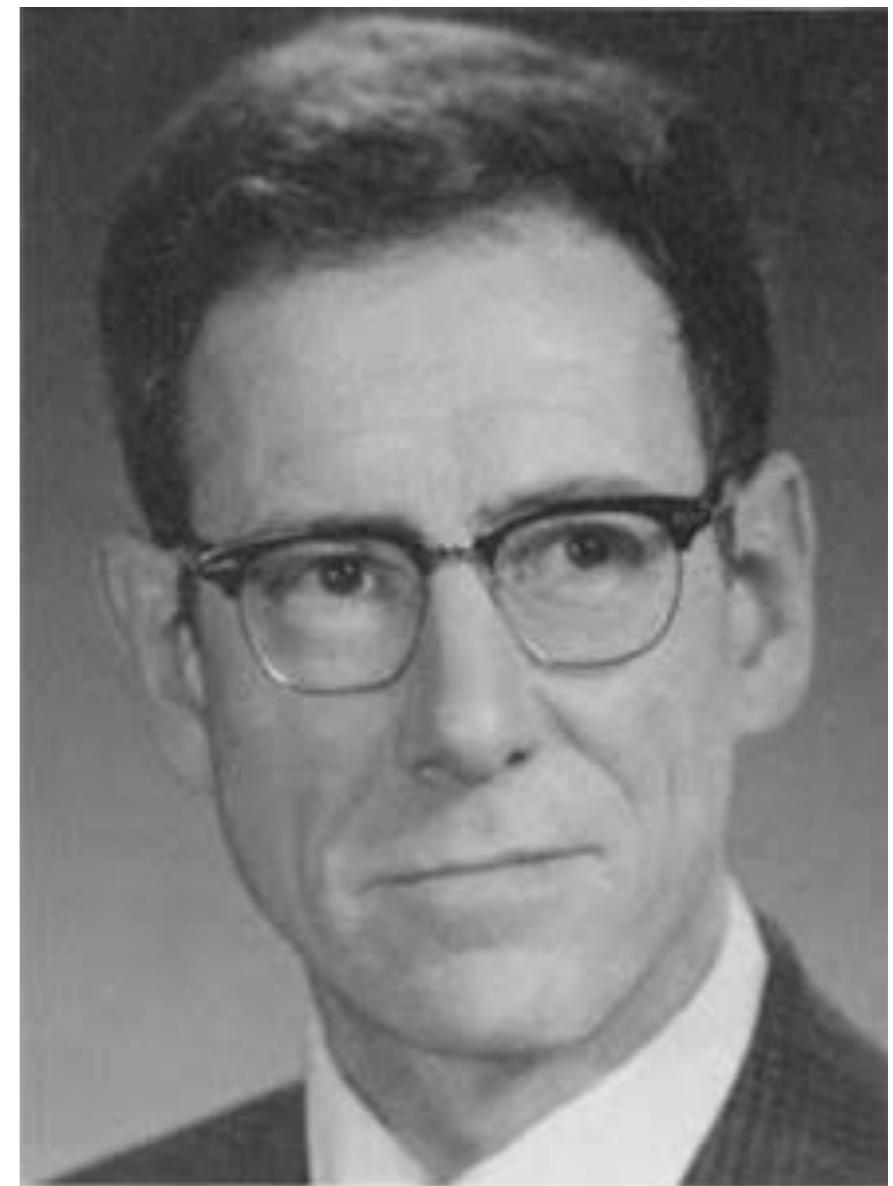
# Timeline of Classification

**Invention of the microscope = things were made of cells  
all organisms now didn't fit into three kingdoms**



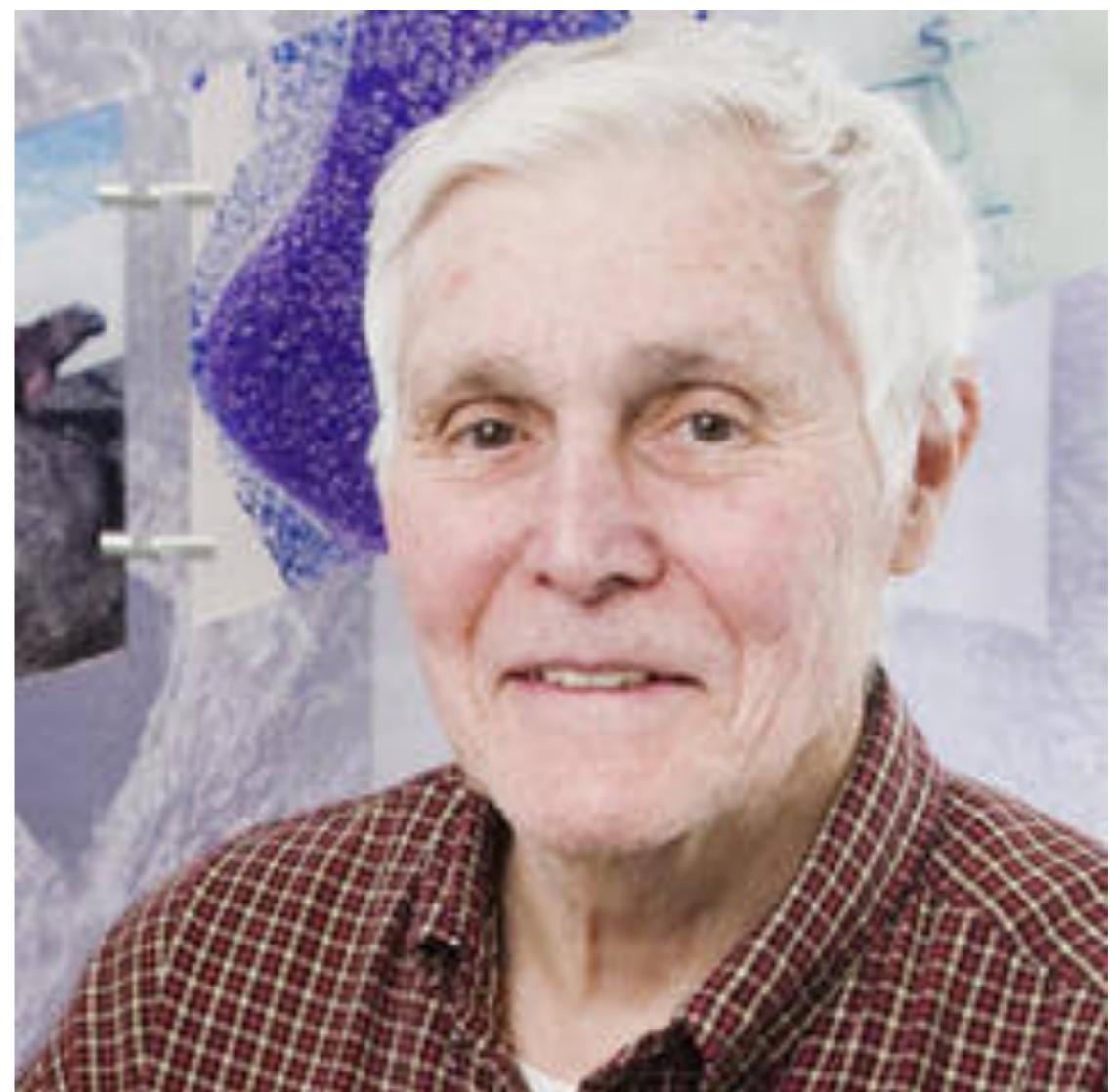
# Timeline of Classification

**In the 1960s, a five-kingdom system of classification was proposed by ecologist, Robert Whittaker.**



# Timeline of Classification

- **Carl Woese suggested that instead of five kingdoms, there should be three domains: Archaea, Bacteria (true bacteria) and Eukarya (living things made up of one or more cells with a nucleus).**



Classification systems are still changing?



**Use an image of Carolus Linnaeus and the app chatterpix to talk about:**

- who he was**
- what is taxonomy**
- when he lived**
- what was his main idea?**

**You may like to talk about how his ideas were changed by other scientist such as Woese and Whittaker**