

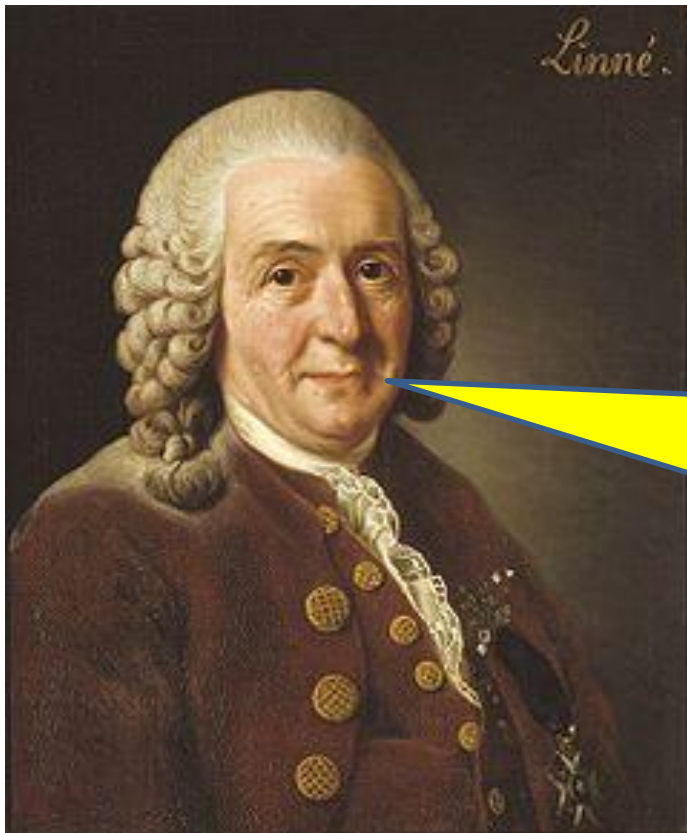
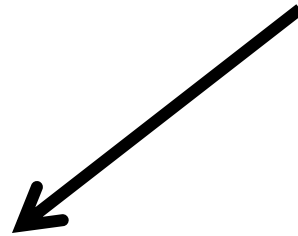
Classification

Classification History

- Aristotle was the first person to organize or classify all organisms. Some of his groups are still used today
- Karl von Linné, a Swedish naturalist, doctor, and botanist simplified things by using two Latin names for every animal or plant. He did this during the 18th century. This is still practiced today.
- Linnaeus, as he was known, published *Systema Naturae* in 1735, in which he described his plan for classifying organisms by their similarities. His system is basically the same one we use today.

Classification History

This is the dude!



I'm definitely
the dude!

Classification History, Continued

- Carl Woese and others (1990) suggested the need for 3 domains – a level above kingdoms.

Classification Basics

- TAXONOMY is the study of how scientists classify.
- Modern classification system uses a series of levels to organize.
- Classification begins with a broad group and then moves to specifics.

[Example](#)

Three Domains

- Archaea (archaebacteria)
- Bacteria (eubacteria)
- Eukarya (eukaryotes)

[Three Domains and History](#)