

CAROLUS LINNAEUS



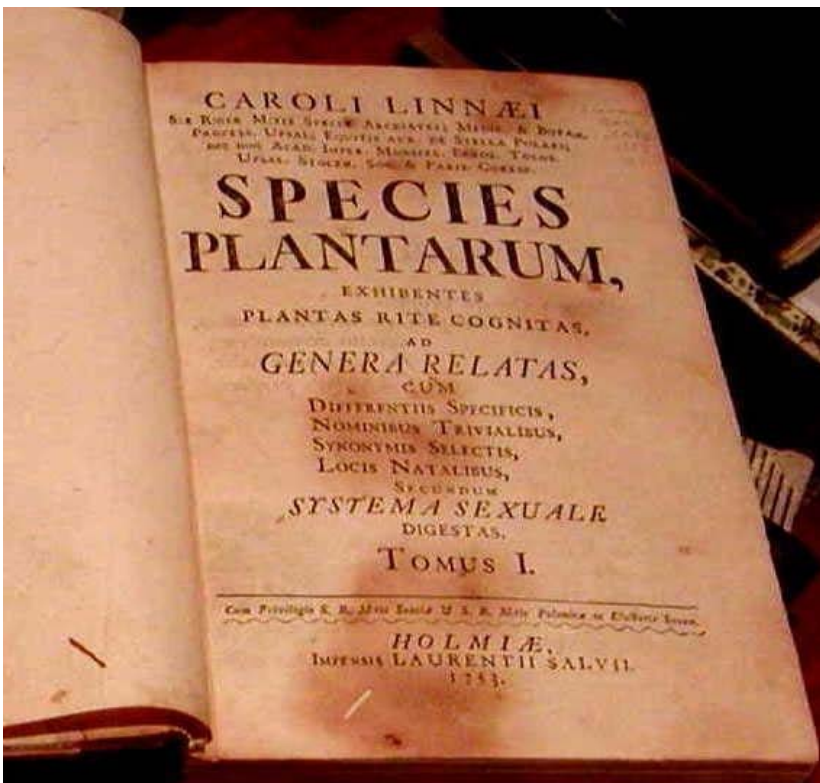
Engraved portrait from Systema Naturae, ed. 7 (1748).

Carolus Linnaeus



father of taxonomy

- Carolus Linnaeus (1707-1778) was a Swedish scientist who grouped living things into **hierarchical** categories.
- Linnaeus based his system on **observable characteristics**, and introduced the seven levels of classification.



Carolus Linnaeus' 1753 book.

Photo taken at Missouri Botanical Garden Herbarium & Library, St. Louis, Missouri in 2003.





Statue in London

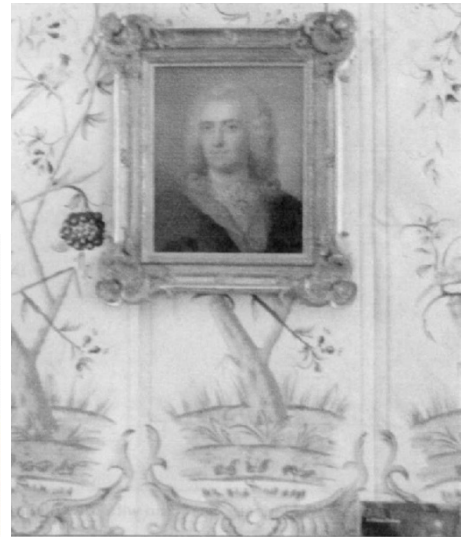
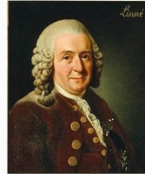


Sculpture in Chicago Botanic Garden

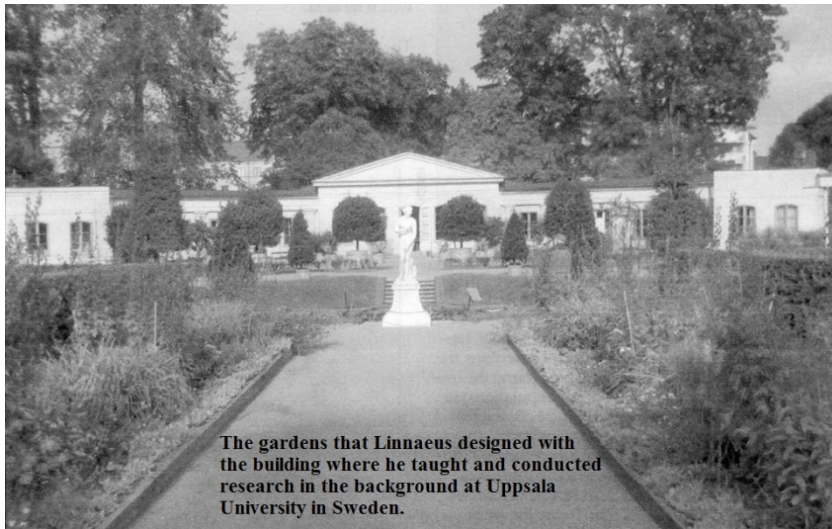


Linnaean Classification System

- Created by Carl Linnaeus (1707-1778)
 - Before Linnaeus, organisms were classified based on their type of locomotion and physical characteristics
 - Problem? Names were too long, and people describe things differently.
- Utilizes binomial nomenclature- a two name system (genus and species)
 - Scientific name
- Ex: *Homo sapiens*



In the home of Linnaeus, his portrait with the hand-painted botanical wallpaper.



The gardens that Linnaeus designed with the building where he taught and conducted research in the background at Uppsala University in Sweden.



Carolus Linnaeus dressed as a native Sami in Lapland.

History of taxonomy



*A Swedish naturalist named **Carolus Linnaeus** is considered the '**Father of Taxonomy**' since 1700s

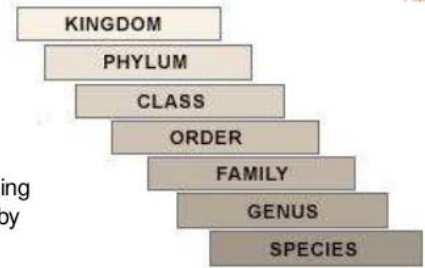
*His two most important contributions to taxonomy were:

- A hierarchical classification system
- The system of **binomial nomenclature**

*He proposed that there were three broad groups, called **kingdoms**, into which the whole of nature could fit. These kingdoms were **animals, plants, and minerals**.

***Binomial nomenclature** meant naming species in 2 words : genus , followed by species.

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Carolus [Carl] Linnaeus statue as a university student in Lund, Sweden.

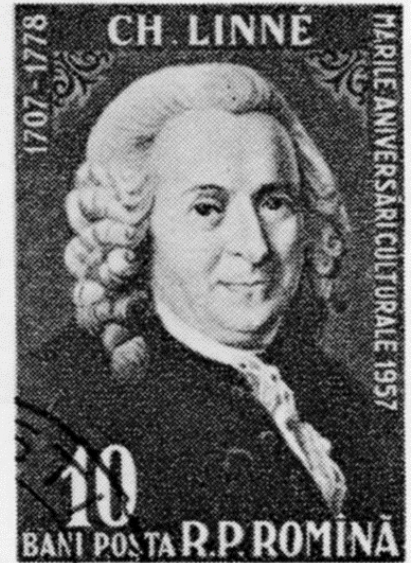


Carolus Linnaeus medallion



Statue at Palm House, Sefton Park, Liverpool, England.

Carolus Linnaeus on 1958 Romania Stamp



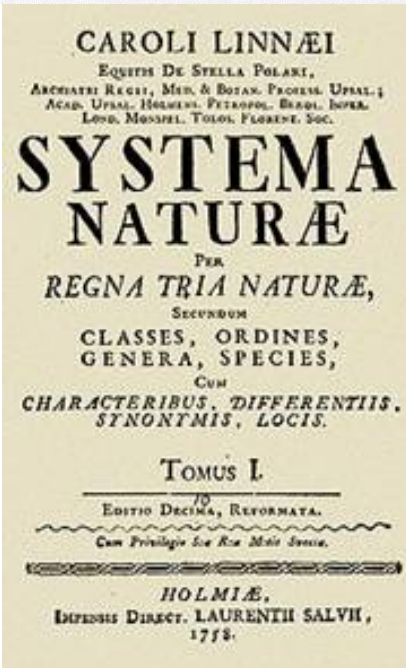
Carolus Linnaeus on 1939 Sweden Stamp



Carolus Linnaeus on 1958 German Democratic Republic Stamp



Statue in Stockholm, Sweden

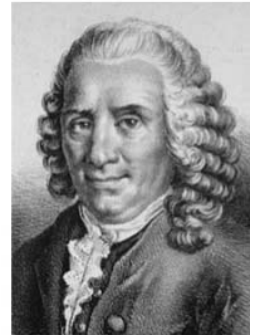




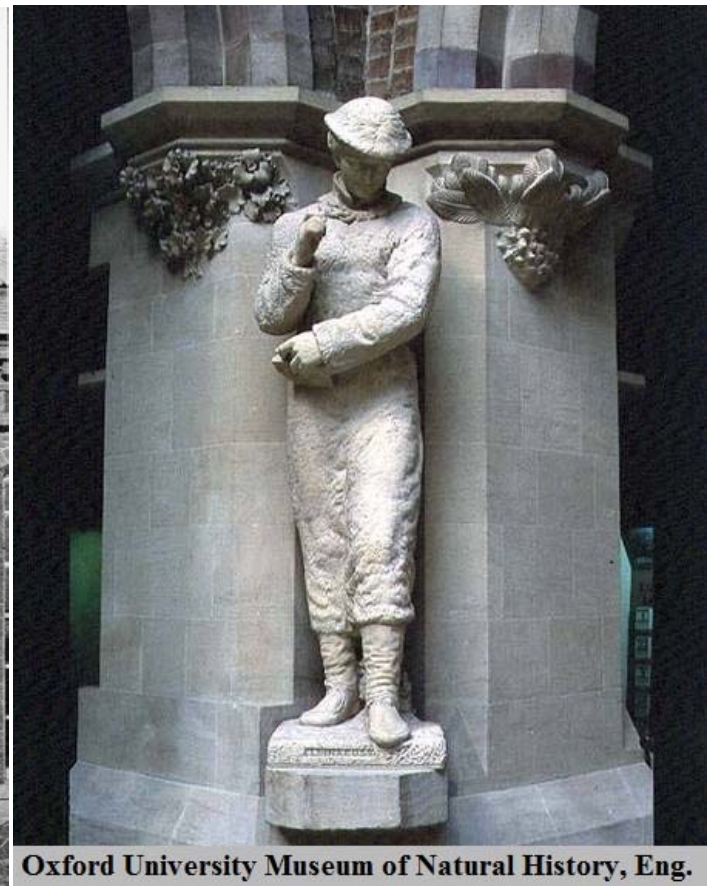
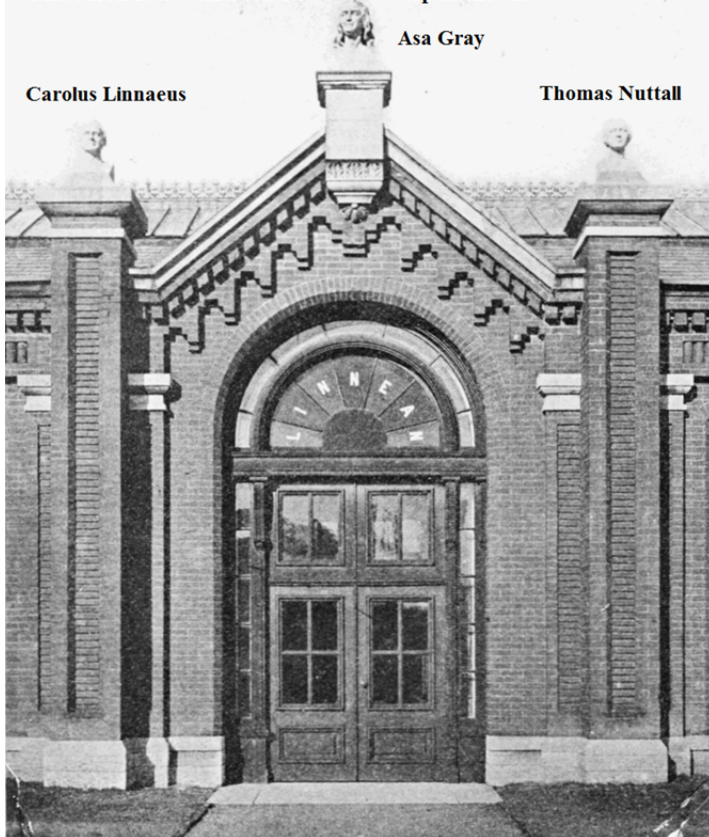
Cities where Carolus Linnaeus visited or worked 1735-1738.

Carolus Linnaeus

- 1700's - Carolus Linnaeus - Swedish Biologist
 - established a simple system for classifying and naming organisms
 - Based on structural similarities of organism
 - Binomial Nomenclature - 2 name naming system - still in use today.
 - Created a system of groups called **TAXA** or **TAXON**
 - Each Taxon is a category into which related organisms are placed
 - Approximately 2.5 million kinds of organisms identified



The Linnaean greenhouse at the Missouri Botanical Gardens, St. Louis, Missouri in 1909 with busts on top as shown.



Oxford University Museum of Natural History, Eng.

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