

Chapter 15

Section 1

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10 - 30 **Millions**
Organisms on Earth

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Aristotle group things by their structural similarities.

Animal / / water / / shrub
Air land tree herb

Greeks and Romans
group animals into
basic categories: oaks,
dogs, horses

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Taxonomy- science of
naming and classifying
organisms.

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1700's biologists started using descriptive names sometimes with 12 or more Latin words



Example:

Apis pubescens, *thorace subgriseo*, *abdominae fusco*, *pedibus posticis glabris*, *untrinque margine ciliatus*

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1750's Linnaeus

2 name system
Bionomial nomenclature

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**Scientific names are
written in Latin**

7 taxa

Kingdom
Phylum
Class
Order
Family
Genus
Species

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Naming Rules

1. 1st word capitalized
2. 2nd word lowercase
3. Underlined or italics

Homo sapiens

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