

Chapter 15

Section 1

10-30 Millions
Organisms on Earth

Aristotle
**group things
by their
structural
similarities.**

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

Taxonomy- science of
naming **and classifying**
organisms.

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

1750's Linnaeus

Bionomial nomenclature

2-names

**Scientific names are
written in Latin**

Naming Rules

genus species

Homo Sapiens

capitalized lower case

underlined or italics

Kingdom

Phylum

Class

Oder

Family

Genus

Species

7 taxa

**K
P
C
O
F
G
S**