

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 Linnaeus 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

Homo sapiens

lower case

Capitalize

underline or italics

Kingdom

Phylum

Class

Order

Family

Genus

Species

**K
P
C
O
F
G
S**