

Classification Notes

Define Classification:

Taxonomy:

Who was the first to form a classification system? What did he use to classify organisms and when did he do it?

Who was Carolus Linnaeus:

What is Binomial Nomenclature?

Genus→

Species→

What are the rules for Scientific naming?

- 1.
- 2.
- 3.
- 4.

List 4 reasons why classification is useful.

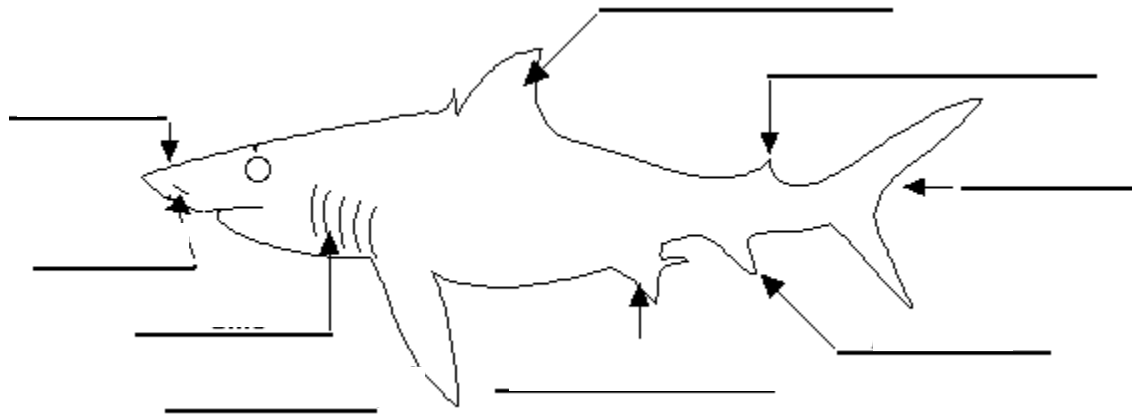
- 1.
 - 2.
 - 3.
 - 4.
- The smallest group is the _____. These share similar characteristics and can breed with each other (common gene pool).

- If they share many features but are clearly different species, they are classified as different species within the same _____.
- Groups of similar genera are put into _____.
- Families of similar organisms are placed in the same _____.
- Orders are grouped into _____.
- Classes are grouped into _____.
- Phyla are grouped into _____.

K P C O P G S

THE SHARK

Label the parts of the shark.



Define:

Cartilaginous:

Scales/denticles:

Lateral line:

Gill filaments:

Gill covers: