



Domain
Eukarya



Kingdom
Animalia

Levels of Classification



Phylum
Chordata



Class
Mammalia

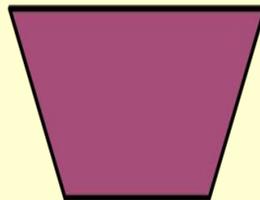


Order
Carnivora

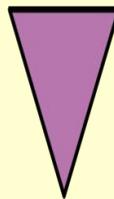
By:Gabe



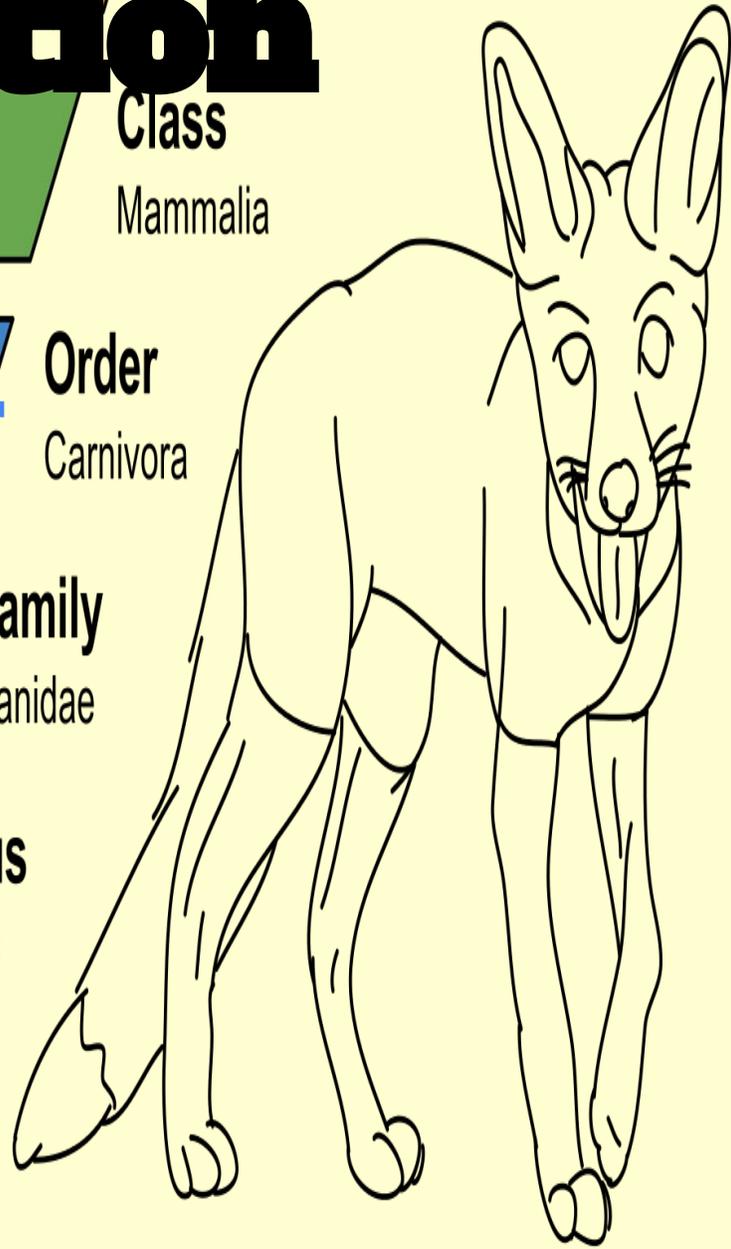
Family
Canidae



Genus
Vulpes



Species
vulpes



Red fox (*Vulpes vulpes*)

Domain

Kingdom

**Levels of
Phylum
Classification**

Class

Order
Gabe Funk

Family
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Genus

Species

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Ch. 1

Getting to Know: Levels of Classification

Describing the diversity of life on Earth can be overwhelming. There are millions of different insect species. Scientists have a system that helps them organize the diversity of life on Earth. This system helps scientists identify individual species, and it helps them describe how organisms are related. As you learn more about classification, you may be surprised to know that certain species that look different are related. For example, did you know that turtles are related to crocodiles? In fact, both turtles and crocodiles are reptiles.

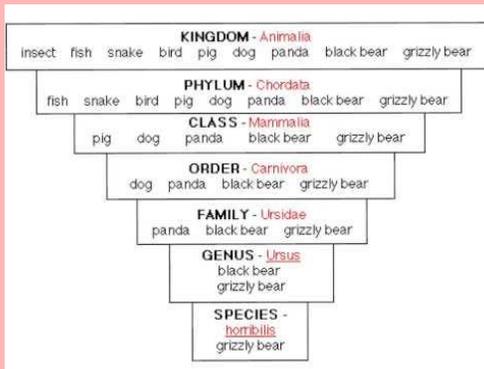




Ch. 2

What Types of Organisms Can Be Classified?

All organisms can be classified. Even extinct organisms and newly discovered organisms can be discovered. The classification of living things includes 7 levels: kingdom, phylum, classes, order, families, genus, and species.





Ch. 3

How Are Organisms Classified?

The most basic classification of living things is kingdoms. Currently there are five kingdoms. The levels of biological classification put life forms into specific groups. The kingdom is the highest level of biological classification. Turtles and crocodiles are members of the kingdom animalia. Kingdoms are divided into different categories. Turtles and crocodiles are members of the Chordata category. In the Reptilia class there are four orders, which are a more specific level of classification. The four orders in Reptilia are Crocodylia, which has crocodiles in it, Sphenodontia, Squamata, which has lizards and snakes in it, and Testudines, which has turtles in it. Orders are divided into families. Here are the levels of classification.

[Levels of Classification]

- Domain is the highest level of classification. Domain includes fungi, plants, and animals.
- Kingdom is next, it includes all animals. Animals in Phylum Chordata have a hollow nerve chord in their backs. Some have a backbone or a spine.
- Animals in class Mammalia, or mammals have a back bone and nurse their young.
- Animals in Order Carnivora are mammals that have special teeth for tearing flesh.
- Animals in Family Felidae are cats. They are carnivores that have retractable claws.
- Animals in Genus Felis are cats who can not roar.
- The species Felis Domesticus, or the house cat has unique traits that other members of Genus Felis do not have.



Ch. 4

Resources

Google

Google.discoveryeducation.com

YouTube

