

6 Kingdoms Facts



Animalia

Animalia is the kingdom of animals. Animals include invertebrates like insects, and vertebrates like mammals and birds. Six important aspects of animals are:

1. Animals are multicellular, which means they have many cells.
2. Animal cells do not have cell walls.
3. Animals consume food.
4. Nearly all animals reproduce sexually.
5. Animals are able to move at some time during their life.
6. Animals have nervous systems, and respond to the things they sense around them.



Plantae

Plantae is the kingdom of plants. Important characteristics of plants are:

1. Plants are multicellular.
2. Plant cells have cell walls and unique organelles.
3. Plants produce food through a process called photosynthesis.
4. Plants usually can't move because they are rooted to one place.
5. Plants reproduce sexually or asexually. Some reproduce with seeds through pollination, others through spores, or even asexually as with rhizomes or tubers.



Fungi

Fungi are multicellular decomposers like mold, moss, and mushrooms, but a few of them can be single celled, like yeast. Fungi digest their food outside themselves, and then absorb it. This process decomposes dead things and turns them into useful things like soil. They do not produce food through photosynthesis like plants do, so they don't need light!



Protista

Protista has the sound tea in it, and has a large variety of organisms that all fit into one pot (or kingdom, that is). Most are single celled organisms, but some have many cells, like algae. Protista have a nucleus, organelles, and sometimes chloroplasts. Some can move with little hair-like things called cilia, or tail-like flagella. They get their food either through photosynthesis like plants do, ingestion like animals do, or both!



Archaea

Archaea (has the sound ark in the beginning!) are single celled organisms without a nucleus that have the ability to live through all sorts of extreme conditions and temperatures. Single celled organisms are so small you cannot see them without a microscope.



Bacteria

Bacteria are single celled organisms that have a cell wall, but they do not have organelles or an organized nucleus. Some are helpful, such as producing vitamins or food. Others are harmful and cause disease, so wash your hands before you eat just in case you picked up some unhelpful bacteria!

Quiz! What Kingdom do I belong in?

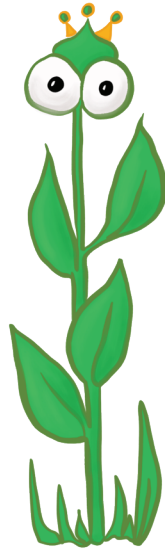
1. I am a consumer. I can sense you in many ways.
2. I have a nucleus and organelles, and usually I am single celled.
3. I am a producer, because I make my own food. I have many cells.
4. I have only one cell, and it has a cell wall. I might be very helpful, or I might make you sick!
5. I am a decomposer, and I don't need sunlight.
6. I am small and I can live in extreme conditions and temperatures.

Answers 1. Animalia 2. Protista 3. Plantae 4. Bacteria 5. Fungi 6. Archaea

6 Kingdoms of Living Things



Animalia



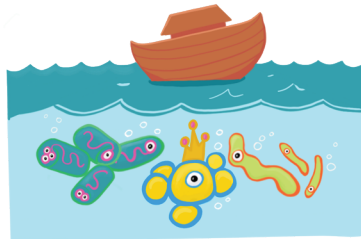
plantae



fungi



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