

The Five Kingdoms of Life

Kingdom	Characteristics & Important Information	Examples
Moneran	<ul style="list-style-type: none"> - One-celled/unicellular - Do not have a nucleus - Have been on Earth for 3.8 billion years - Separated into two groups: bacteria and cyanobacteria - Over 1800 species 	<ul style="list-style-type: none"> - Lactobacillus (found in yogurt) - Staphylococcus pneumoniae (bacteria that causes pneumonia)
Protist	<ul style="list-style-type: none"> - One-celled/unicellular - Have a nucleus - Can move around within their environment and make their own food - Over 38,000 species 	<ul style="list-style-type: none"> - Amoeba - Algae
Fungi	<ul style="list-style-type: none"> - Can be one-celled or multi-cellular - Do not make their own food - Decomposers - Use enzymes to absorb nutrients - Motionless 	<ul style="list-style-type: none"> - Mushrooms - Yeast
Plantae	<ul style="list-style-type: none"> - Multi-cellular - Cells contain chlorophyll (green pigment) - Take in energy from the sun through a process called photosynthesis - Oldest plant fossil is 4 million years-old 	<ul style="list-style-type: none"> - Trees - Tulips
Animalia	<ul style="list-style-type: none"> - Multi-cellular - Have complex systems - Do not make their own food - Largest of all five kingdoms - Separated into two groups: vertebrates and invertebrates - About 1 million species 	<ul style="list-style-type: none"> - Humans - Whales

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