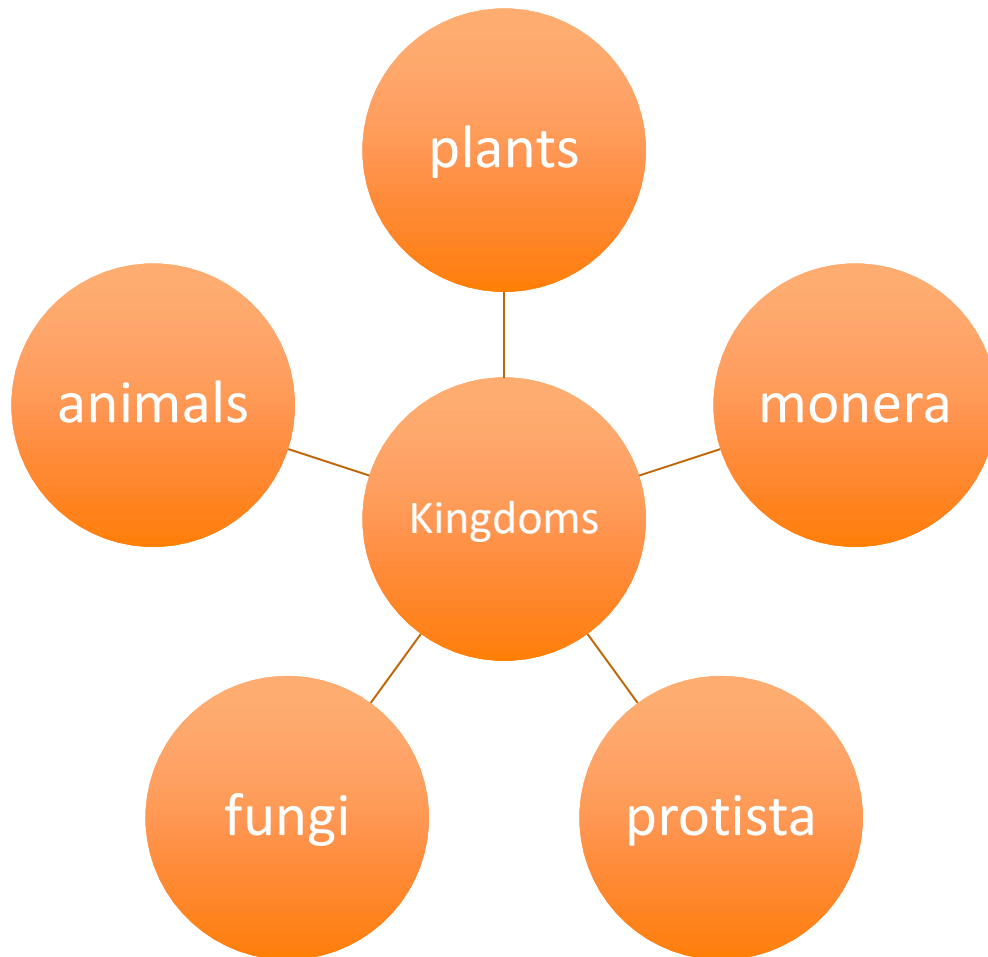


Micro-organisms

Carry out research about different microorganisms and present this in your own way.

The following pages may be helpful.

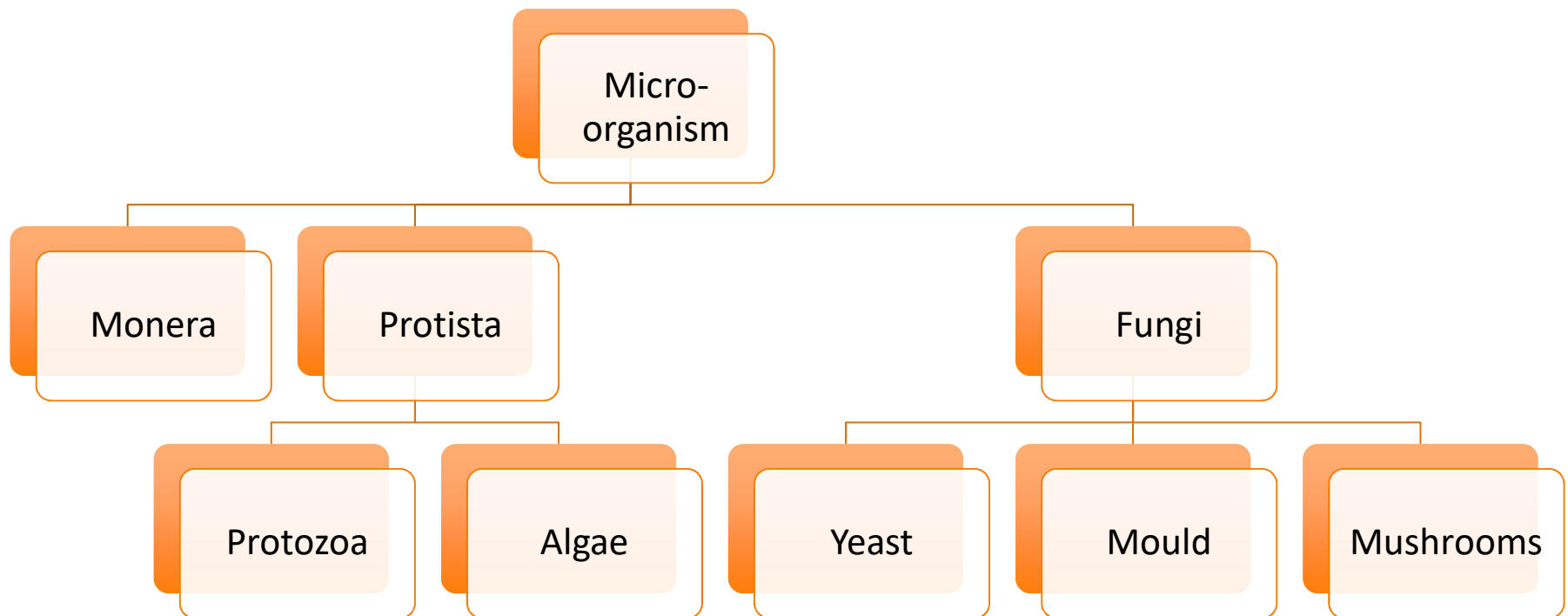
The Five Kingdoms



The first big division of living things is to put them into one of the five **kingdoms**.

Micro-organisms

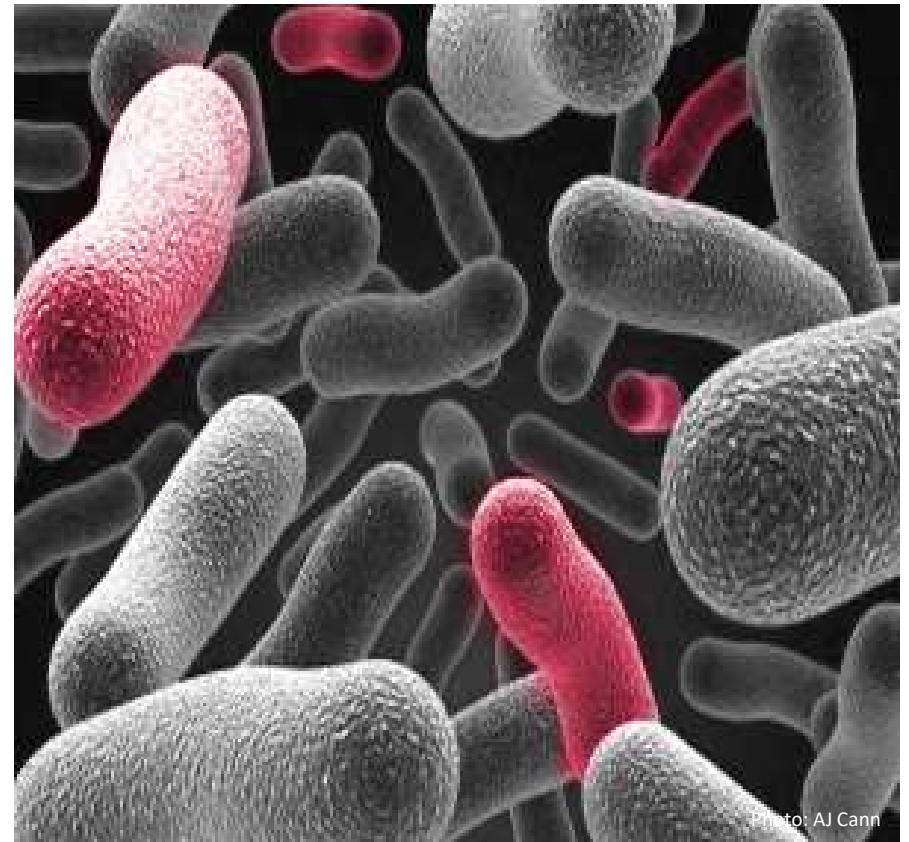
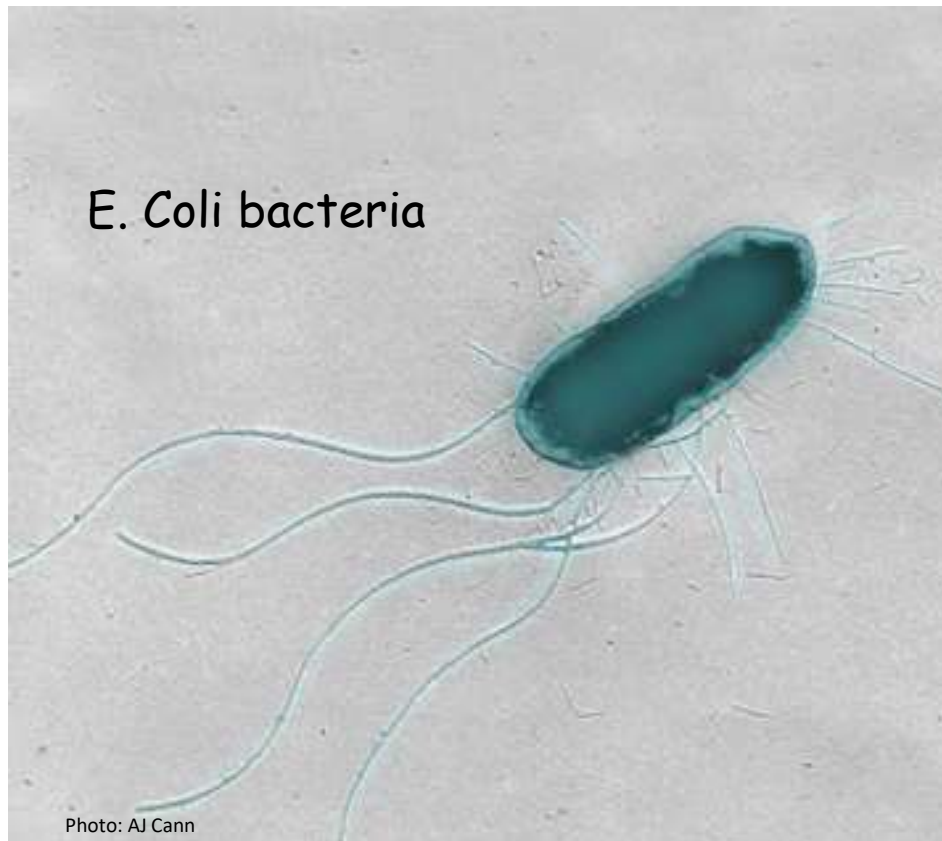
- Can only be seen with a microscope.
- Found everywhere.
- Many hundreds would fit on the full stop at the end of this sentence.



Kingdom Monera (bacteria)

- Single-celled organisms
- Can cause illness
- Can also be helpful - bacteria are used to make cheese and yoghurt!

There are 40 million bacterial cells in just 1 gram of soil!



Kingdom Protista: Protozoa

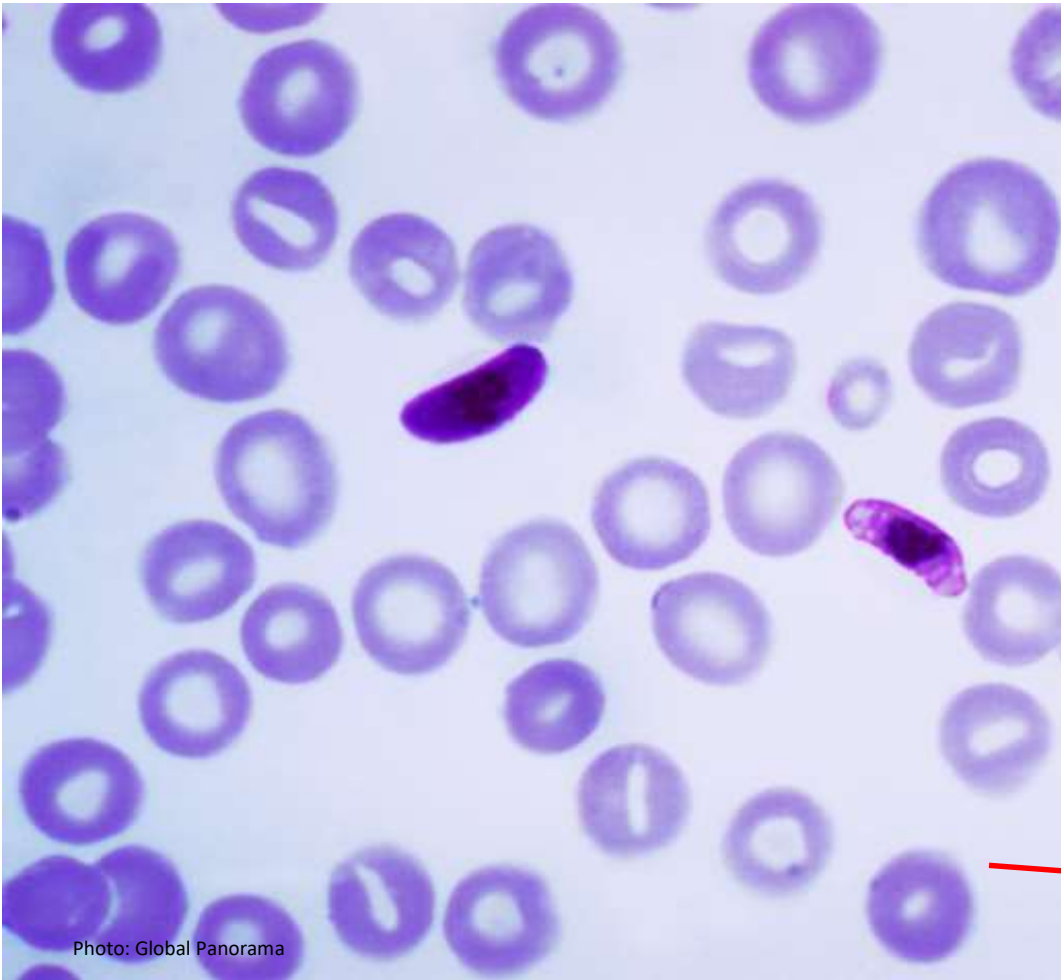


Photo: Global Panorama

- Many different types that vary in size, shape, how they feed and how they move
- Many cause disease

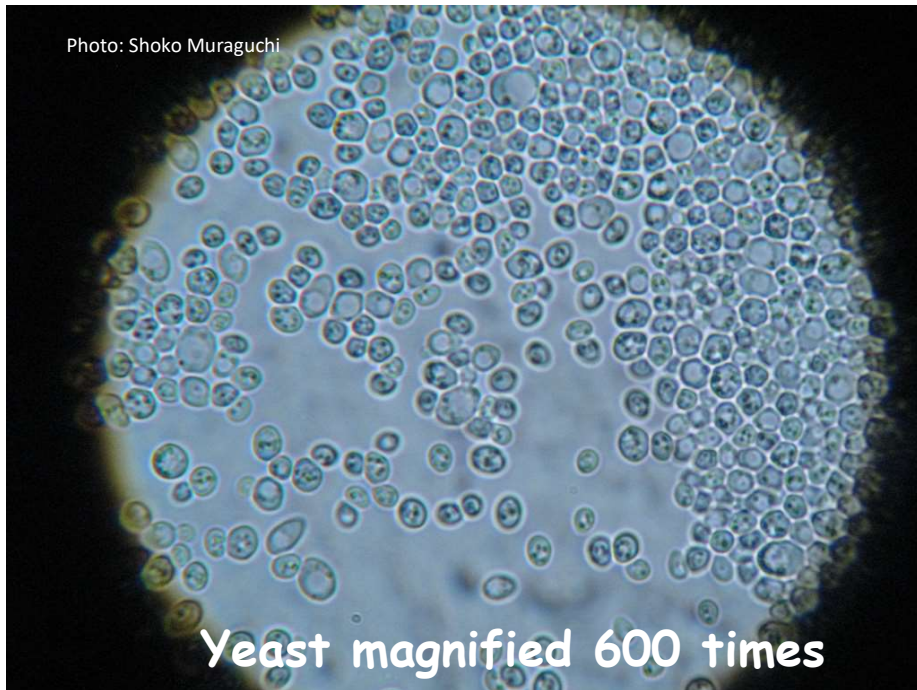
The Plasmodium species is responsible for 85% of malaria cases.

Kingdom Protista: Algae



- Most common in water and on surfaces of moist soil, wood & rocks
- Very diverse in structure & size - ranges from microscopic to 60 metre long kelps found in the sea!

Kingdom Fungi: Yeast



- Microscopic
- Single-celled

- When bread is made, yeast is added to the dough to make it rise



Kingdom Fungi: Mould



- Multi-cellular
- Grows on decaying food



- Penicillin (an antibiotic) is made from mould and it fights infections caused by bacteria



Kingdom Fungi: Mushrooms

Some fungi start from microscopic filaments which grow bigger and bigger until we can see them with our eye.



- Multi-cellular
- Look like plants, but do not produce their own food

