**6 kingdoms**

Archaebacteria:

Pyrolobus fumarii



Sulfolobus solfataricus



Both can live in harsh conditions.

Eubacteria:

Aquificae



Acidobacteria



Found in a variety of environments such as: soil, hot springs, oceans, caves, and metal contaminated soils.

Protists:

Theileria parva



Plasmodium vivax



Both cause diseases.

Fungi:

Zygomycota



Eomycota



Both multicellular, and can reproduce asexually. Although Zygomycota can also reproduce sexually.

Plantae:

Vaccinium macrocarpon



Palm trees



Both need sunlight, water minerals and nutrients to survive.

Animalia:

Varanus komodoensis



Potoo



Both have organs and reproduce sexually.