**The Six Kingdoms of Classification**

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| --- | --- | --- | --- |
| **Kingdom** | **Cell Wall** | **General Characteristics** | **Example Organisms** |
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EUBACTERIA OFTEN PRESENT (PEPTIDOGLYCAN LAYER)

ARCHAEBACTERIA PRESENT (NO PEPTIDOGLYCAN LAYER)

PROTISTA ABSENT

FUNGI PRESENT

PLANTAE PRESENT

ANIMALIA ABSENT

SIMPLE ORGANISM LACKING TRUE NUCLEI

HETEROTROPHS OIR AUTOTROPHS

REPRODUE SEXUALLY

LIVE EVERYWHERE

PROKARYOTES

HETEROTROPHS

LIVE IN SALT LAKES, HOT SPRINGS & ANIMAL GUTS

SINGLE CELLED BUT SOME MULTICELLULAR

CAN BE; AUTOTROPHS, HETEROTROPHS OR BOTH

REPRODUCE SEXUALLY/ASEXUALLY

LIVE IN AQUATIC HABITATS

MOST ARE MULTICELLULAR

ALL ARE HETEROTROPHS

REPRODUCE SEXUALLY/ASEXUALLY

MOST ARE TERRESTRIAL

ALL ARE MULTICELLULAR

ALL ARE AUTOTROPHS

REPRODUCE SEXUALLY/ASEXUALLY

MOST ARE TERRESTRIAL

ALL ARE MULTICELLULAR

ALL ARE HETEROTROPHS

MOST REPRODUCE SEXUALLY

LIVE IN TERRESTRIAL & AQUATIC HABITATS

BACTERIA & CYANNOBACTERIA

EXTREME HALOPHILES

EXTREME THERMOPHILES

METHANOGENS

ALGAE & PROTOZOA

MUSHROOMS

YEAST

BREAD MOULD

MOSSES

FERNS & CONIFERS

FLOWERING PLANTS

SPONGES

WORMS

LOBSTERS

STARFISH

HUMANS