

CLASSIFICATION of LIVING THINGS

DOMAIN	BACTERIA	ARCHAEA		EUKARYA		
KINGDOM	Eubacteria	Archeabacteria	Protista	Fungi	Plantae	Animalia
CELL TYPE	Prokaryote	prokaryote	eukaryote	eukaryote	eukaryote	eukaryote
CELL STRUCTURES	Cells walls of peptidoglycan	Cell walls w/o peptidoglycan	Cell walls of cellulose; some have chloroplasts	Cell walls of chitin	Cell walls of cellulose; have chloroplasts	No cell walls; no chloroplasts
NUMBER of CELLS	Unicellular	Unicellular	Mostly unicellular; some multicellular & some colonial	Most are mutlicellular; few are unicellular	Multicellular	Multicellular
MODE of NUTRITION	Autotroph or heterotroph	Autotroph or heterotroph	Autotroph or heterotroph	Heterotroph	Autotroph	Heterotroph
EXAMPLES	<i>Streptococcus</i> , <i>Escherichia coli</i>	Methanogens, Halophiles, Thermoacidophiles	<i>Amoeba</i> , <i>Paramecium</i> , slime molds, giant kelp	Mushrooms, yeast	Mosses, ferns, cone-bearing plants, flowering plants	Sponges, worms, insects, fishes, mammals