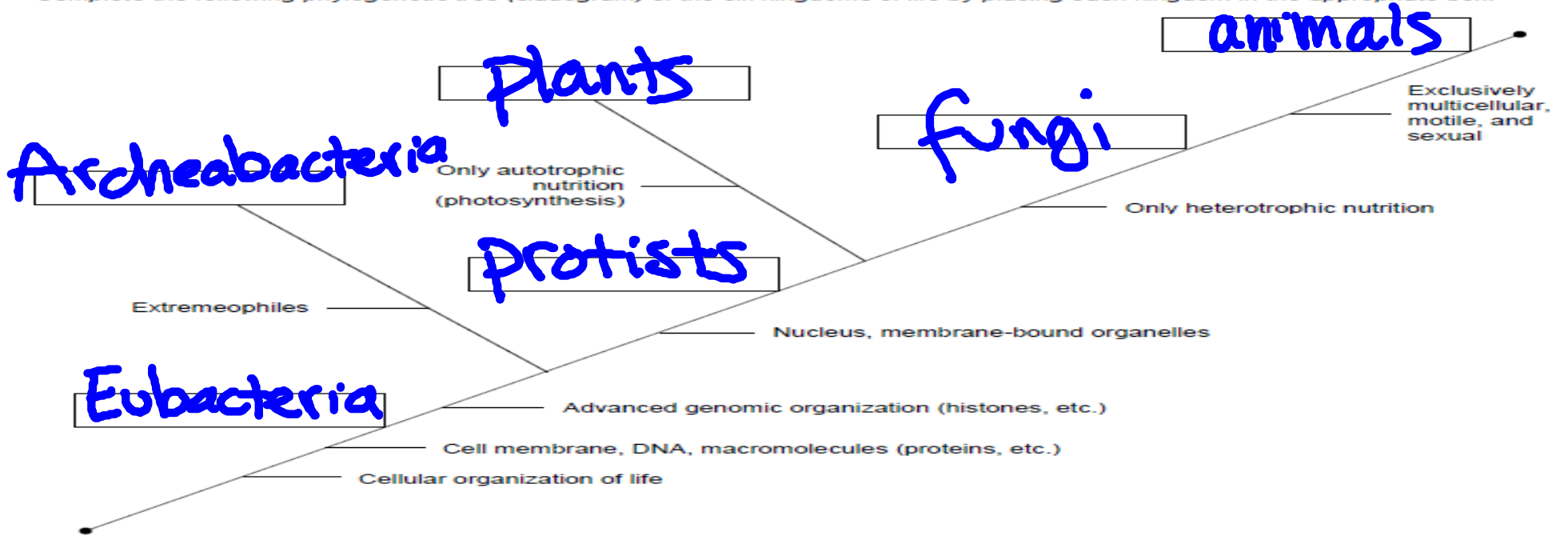


Domain	Kingdom	Prokaryote or Eukaryote	Nucleus?	Membrane Bound Organelles?	Cell Wall?	Unicellular or multicellular	Nutrition (Autotrophic or Heterotrophic)	Motile?	Sexual or Asexual	Other Key Info	Examples (at least 3)
Archea	Bacteria	Prokaryote	No Nucleus	No m.b organelles	Yes	unicellular	Mixed-photosynth + decomposers	Some (cilia, flagella)	most asexual	Extremophiles	
Archaeobacteria	Eubacteria				Yes (peptidoglycan)					parasitism, symbiosis, found everywhere	

Complete the following phylogenetic tree (cladogram) of the six kingdoms of life by placing each kingdom in the appropriate box.



6 Kingdoms of Life - Notes

Eukarya			Domain
Animal	Fungus	Plant	Kingdom
← Eukaryote →			Prokaryote or Eukaryote
← Have a nucleus →			Nucleus?
Have m.b. organelles			Membrane Bound Organelles?
NO	Yes (chitin)	Yes (cellulose)	Cell Wall?
Multicellular	mostly multi	Multi	Unicellular or multicellular
Hetero. (consumer)	Hetero. (decomposer)	Hetero. (producer)	Nutrition (Autotrophic or Heterotrophic)
Yes	NO	NO	Motile? <i>can move</i>
mostly sexual	most asexual	most sexual	Sexual or Asexual
	decomposer. photosynth.		Other Key Info
			Examples (at least 3)

