

Name: _____

Survey of the Kingdoms

Domain	Kingdom	subgroups	Nucleus Yes or No Prokaryote or Eukaryote	Organelles yes or no chloroplast? lysosome?	Mode of Nutrition Autotroph, Heterotroph, or Both	Cell Wall yes or no if yes, material type	Cellular organization unicellular or multicellular	Representative example
Archaea	Archaea	methanogens						
		halophiles						
		thermophiles						
		psychrophiles						
Bacteria	Bacteria	harmful						
		helpful						
Eukarya	Protista	algae (any type)						
		zooflagellates						
		euglena						
		slime mold						
	Fungi	mushroom						
		mold						
		yeast						

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Domain Eukarya	Kingdom	subgroups	Nucleus Yes or No Prokaryote or Eukaryote	Organelles yes or no chloroplast? lysosome?	Mode of Nutrition Autotroph, Heterotroph, or Both	Cell Wall yes or no if yes, material type	Cellular organization unicellular or multicellular	Representative example
	Plantae	nonvascular plant						
		seedless vascular plant						
		gymnosperm						
		angiosperm						
	Animalia	invertebrate						
		vertebrate						

When you are done completing the chart, select the one kingdom and subgroup that is most interesting to you. Complete the chart below for ONE species.

Kingdom: _____ Phylum: _____ Class: _____ Order: _____ Family: _____ Genus: _____ Species: _____ Scientific name:	Describe 3 distinctive characteristics about this species.	Identify the biome(s) where this species can be found.	What value is this species for humans? For the ecosystem?
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