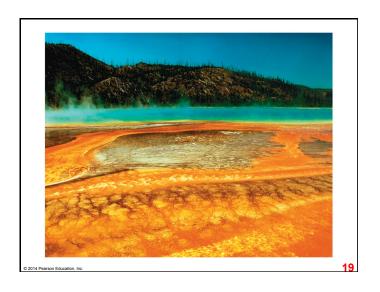
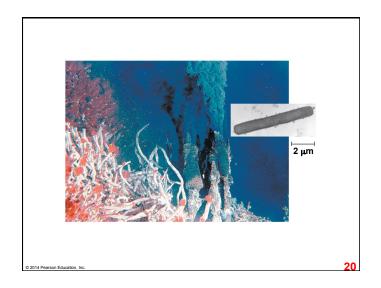
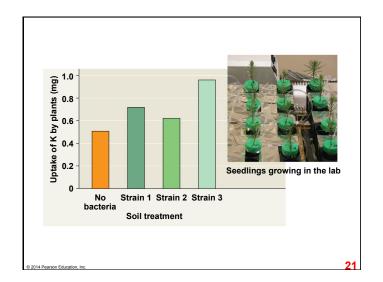
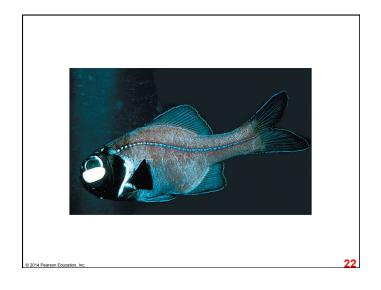


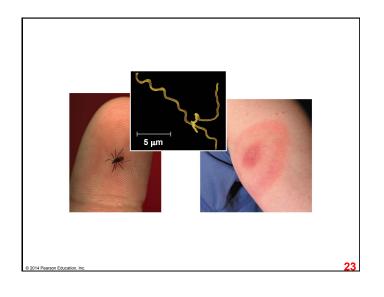
CHARACTERISTIC		DOMAIN	
	Bacteria	Archaea	Eukarya
Nuclear envelope	Absent	Absent	Present
Membrane- enclosed organelles	Absent	Absent	Present
Peptidoglycan in cell wall	Present	Absent	Absent
Membrane lipids	Unbranched hydrocarbons	Some branched hydrocarbons	Unbranched hydrocarbons
RNA polymerase	One kind	Several kinds	Several kinds
Initiator amino acid for protein synthesis	Formyl- methionine	Methionine	Methionine
Introns in genes	Very rare	Present in some genes	Present in many genes
Response to the antibiotics strep- tomycin and chloramphenicol	Growth usu- ally inhibited	Growth not inhibited	Growth not inhibited
Histones associ- ated with DNA	Absent	Present in some species	Present
Circular chromosome	Present	Present	Absent
Growth at tem- peratures > 100°C	No	Some species	No















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