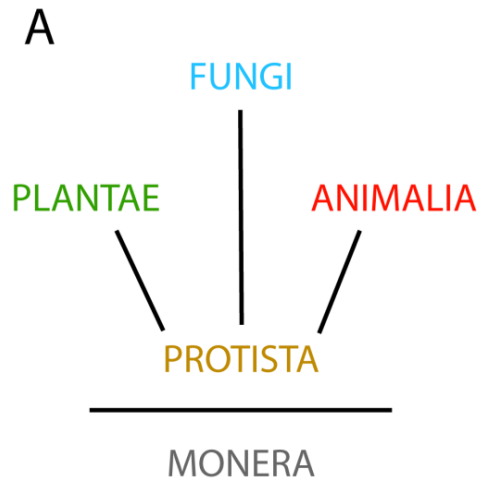


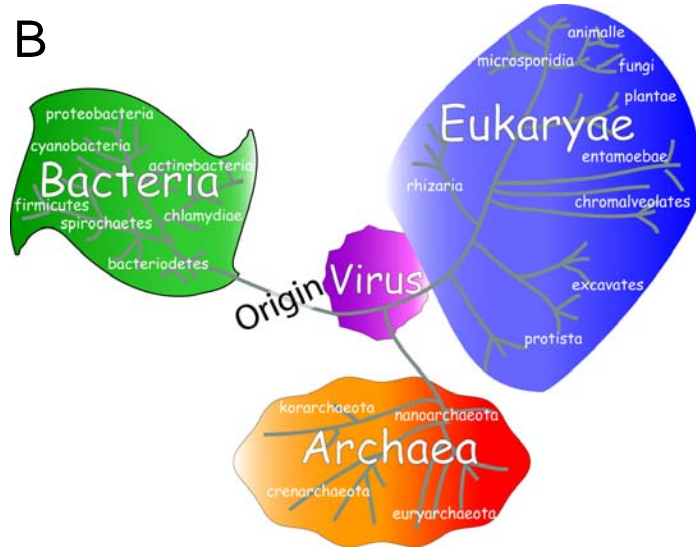
The Kingdom is Dead - Welcome to the 3 Domains



Whittaker's 5 Kingdoms (1969)



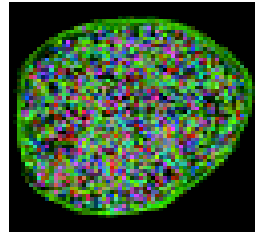
Woese 3 Domain (1990)



Linnaeus	2 kingdoms	1735
Haeckel	3 kingdoms	1866
Chatton	2 empires	1937
Copeland	4 kingdoms	1956
Whittaker	5 kingdoms	1969
Woese	6 kingdoms	1977
Woese	3 domains	1990

Dumb (Kids) Playing Chicken On Freeways Get Smashed

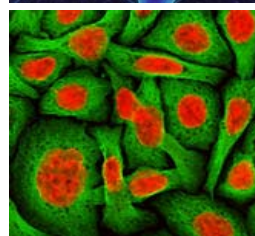
Domain
(Kingdom)
Phylum
Class
Order
Family
Genus
Species



Sulfolobus



E. coli

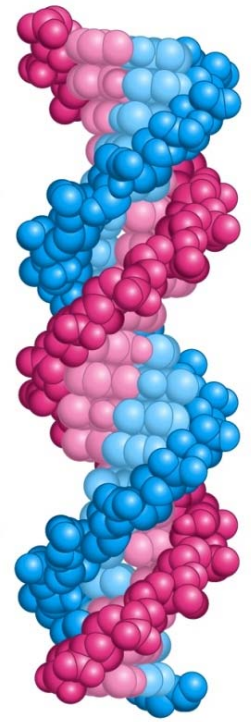
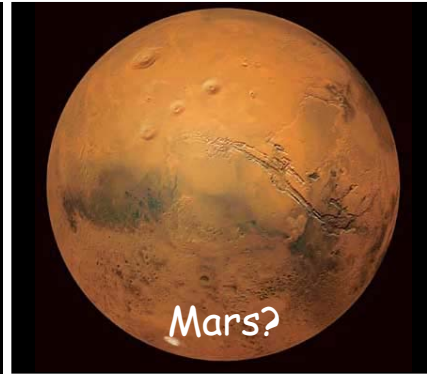
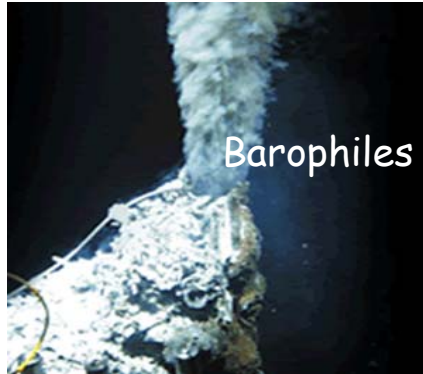
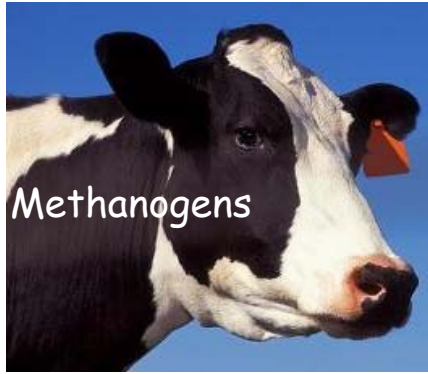
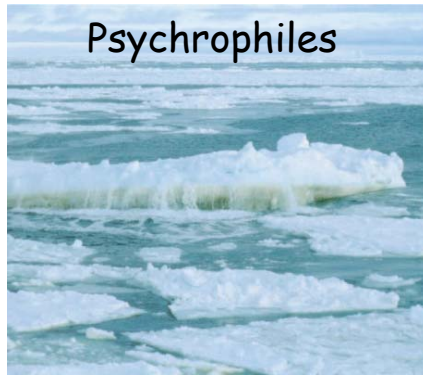


Human



Waco Area
School Outreach
Program

Archaeal Environments

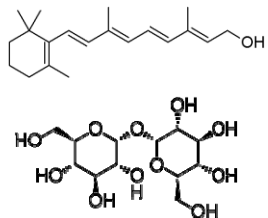


Biotechnology Applications

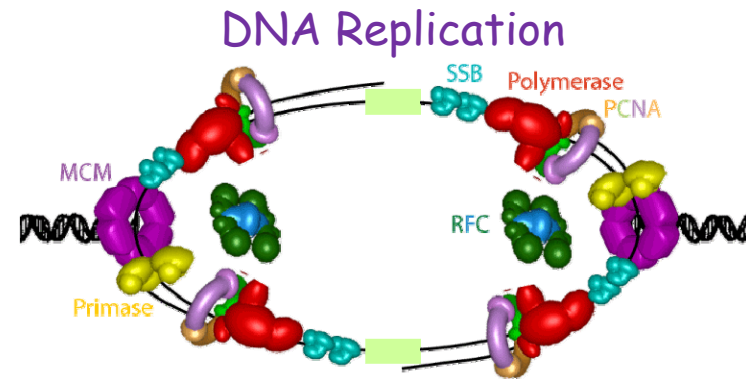
Industrial Enzymes



Metabolites



Cosmeceuticals Vaccine Stabilizers



Bioprospecting



Energy Biofuels Fuel Cells



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