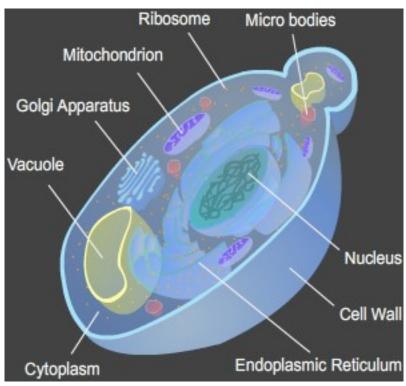
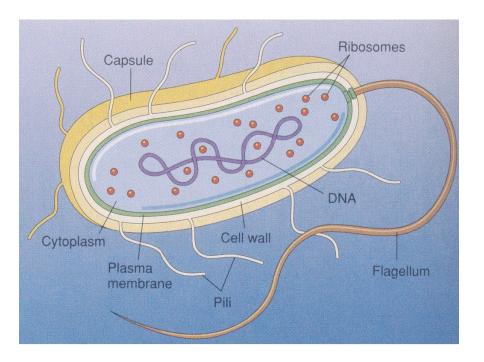
## Eukaryotic Cell



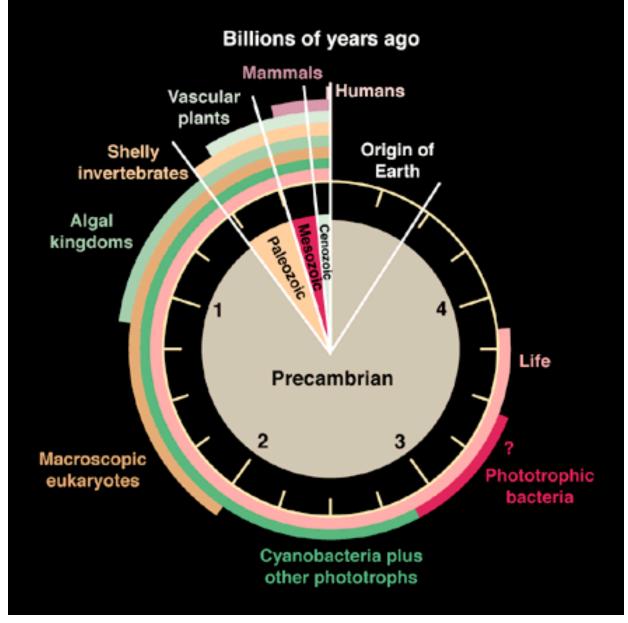
http://www.biocourseware.com/iphone/cell/

## **Prokaryotic Cell**

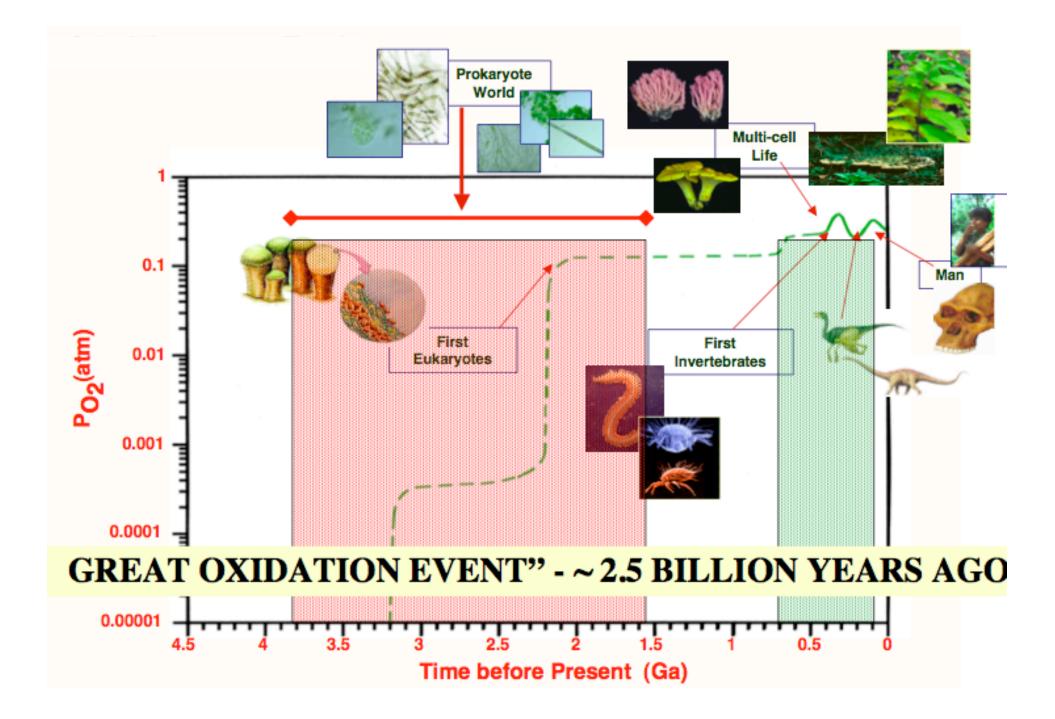


http://morayeel.louisiana.edu/SeaweedsLab/Gavio/biol121.html

#### Microbes Populated the Earth First



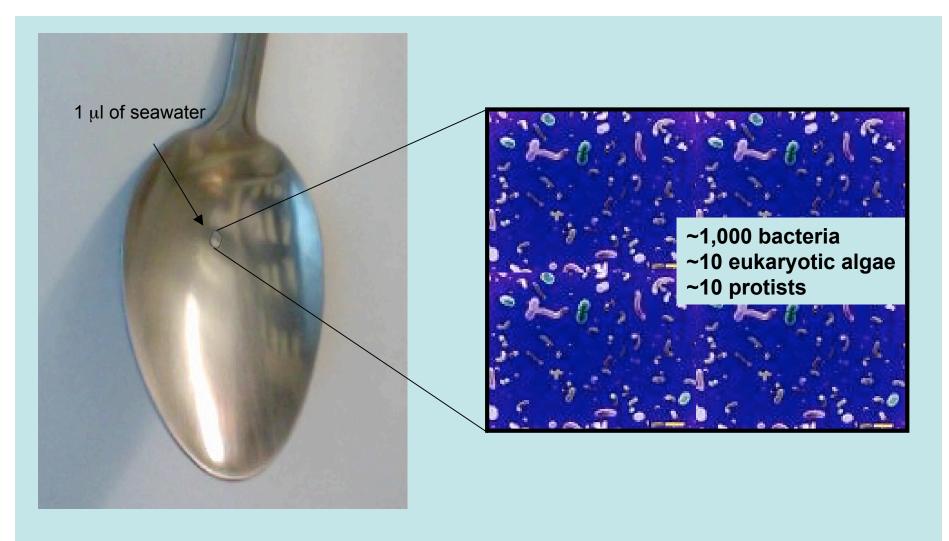
http://www.sciencemag.org/cgi/content/full/289/5485/1703/F1



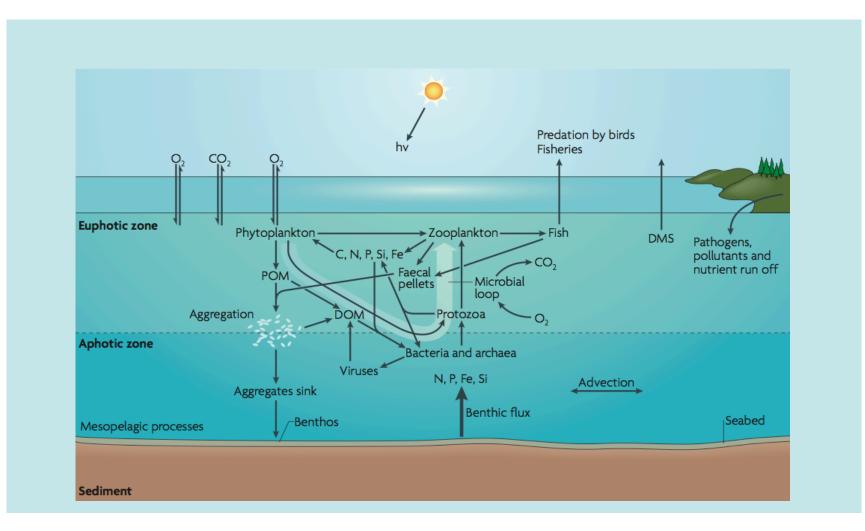
# How many bacteria in a drop of seawater?

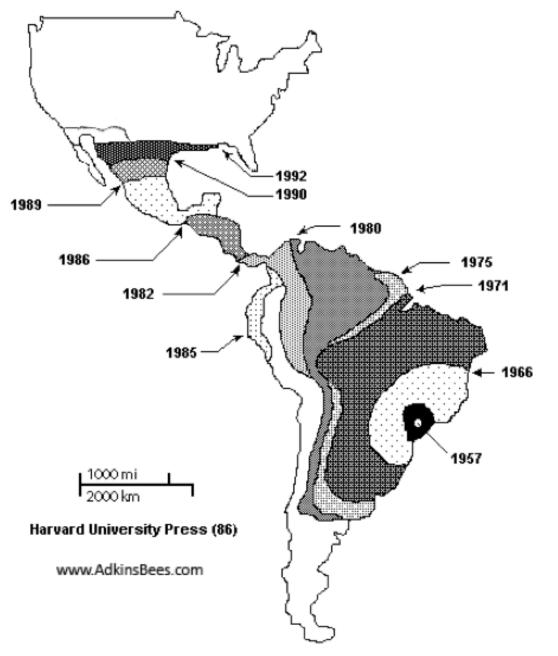


## Bacteria Dominate in the Ocean



## Microbes Play Central Role in Ocean Nutrient Cycling and Food Web





Spread of the African honeybee in the Americas since 1957

## Size differences allow for removal of predators

