

# WATER

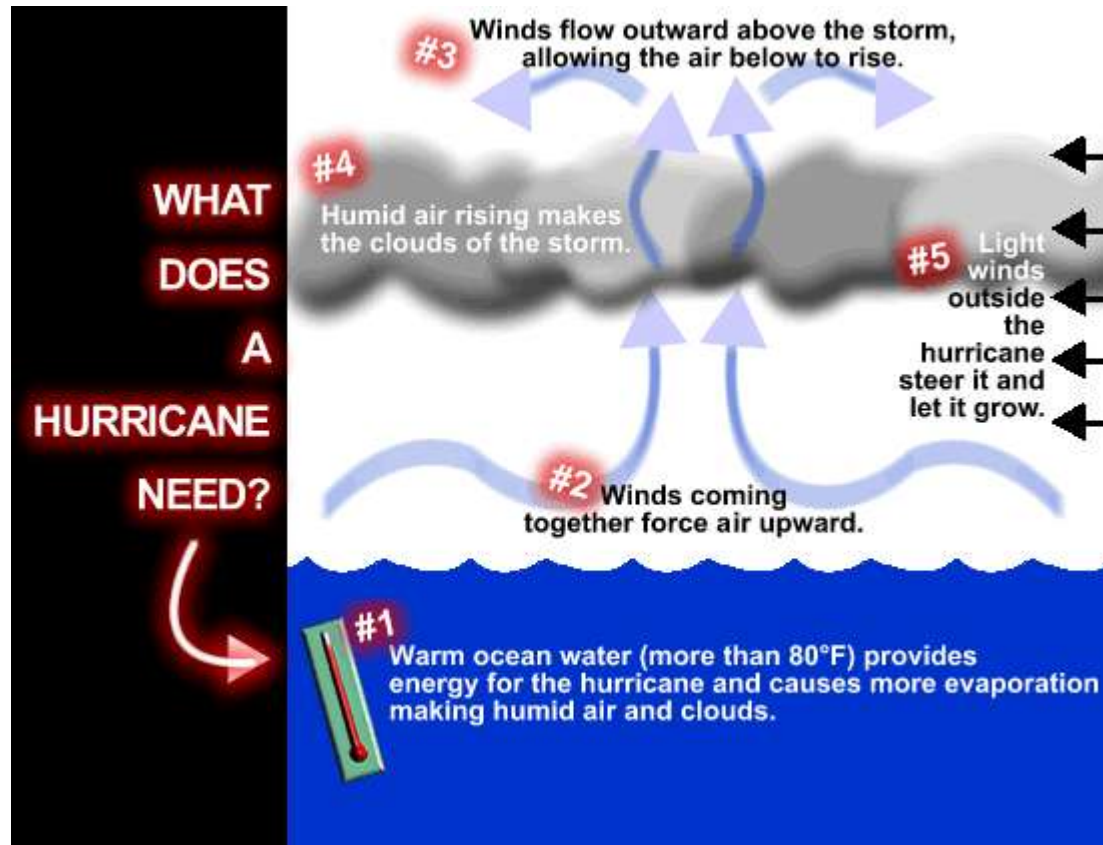
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# Being is production

- Intensive processes: material flows driven by differences; structured by virtual Ideas / multiplicities / “abstract machines”

# HYDRO-BIO-ONTOLOGY

# Virtual “multiplicity,” “Idea,” or “abstract machine”



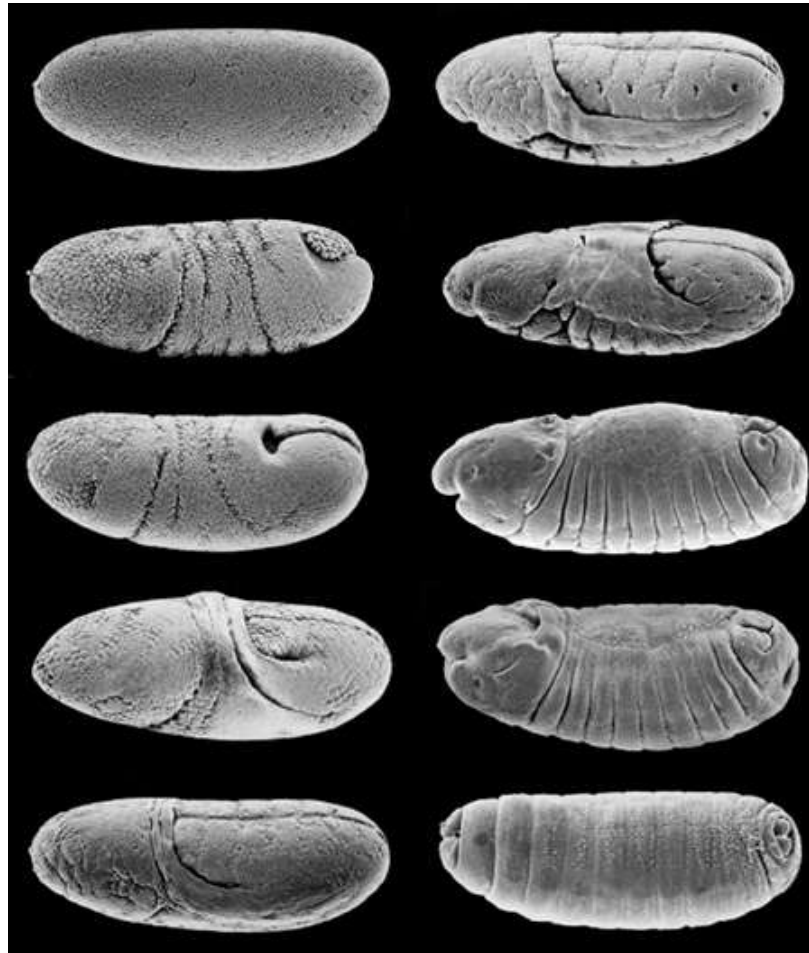
Hurricane as intensive  
process actualizing the  
virtual “Idea”



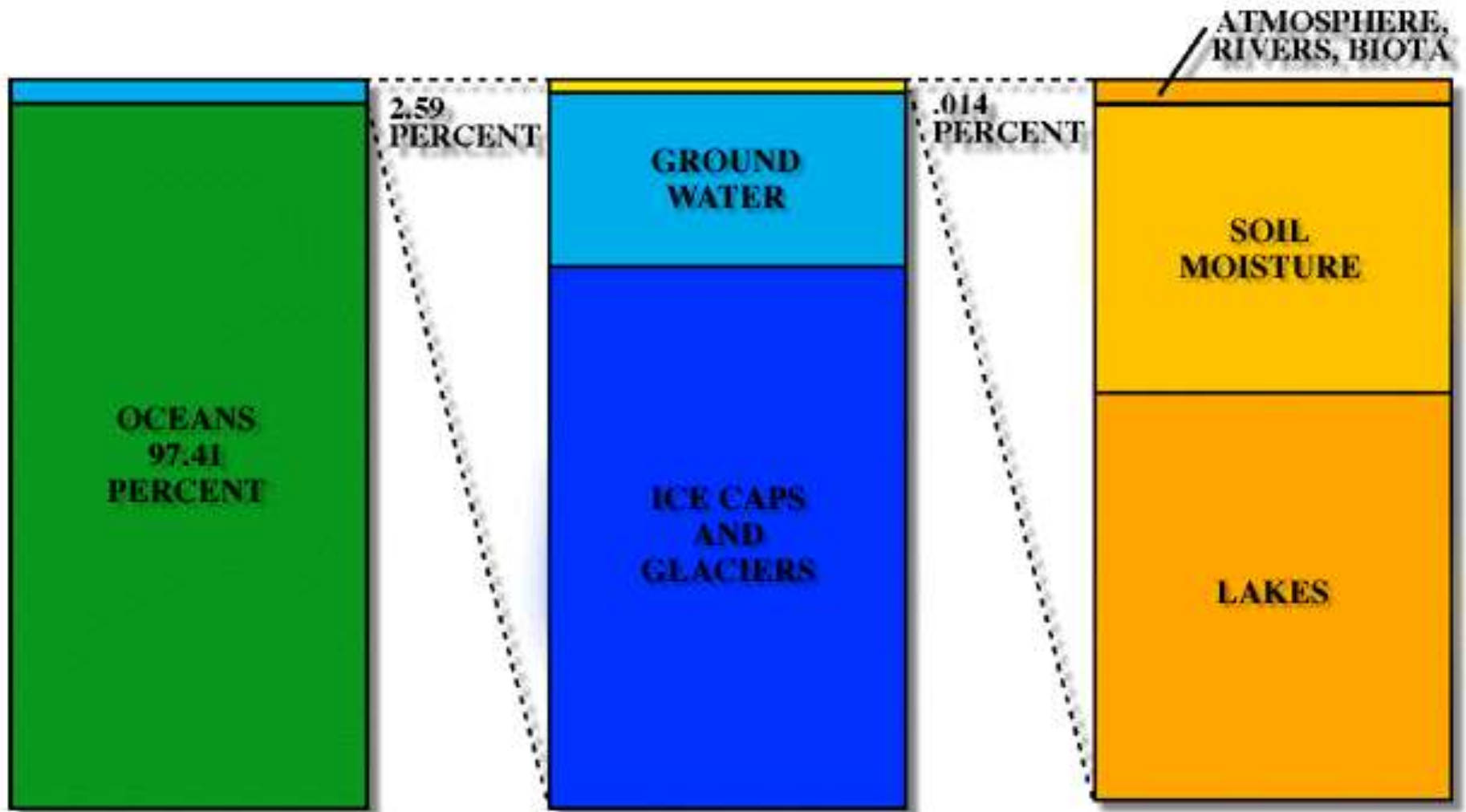
# The world is an egg



# *Drosophila* embryo morphogenesis

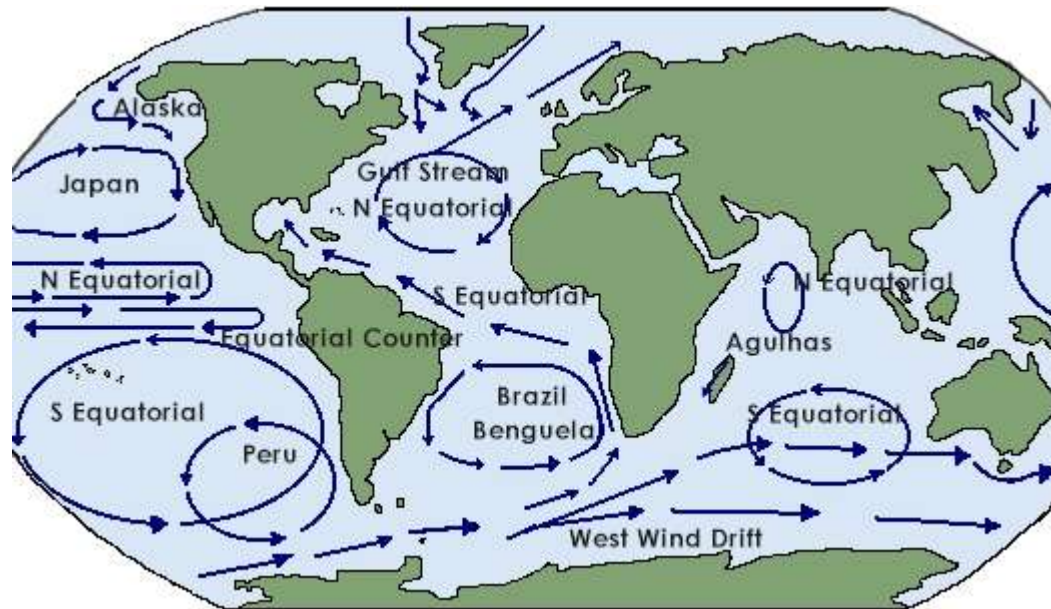


# Actual / extensive distribution

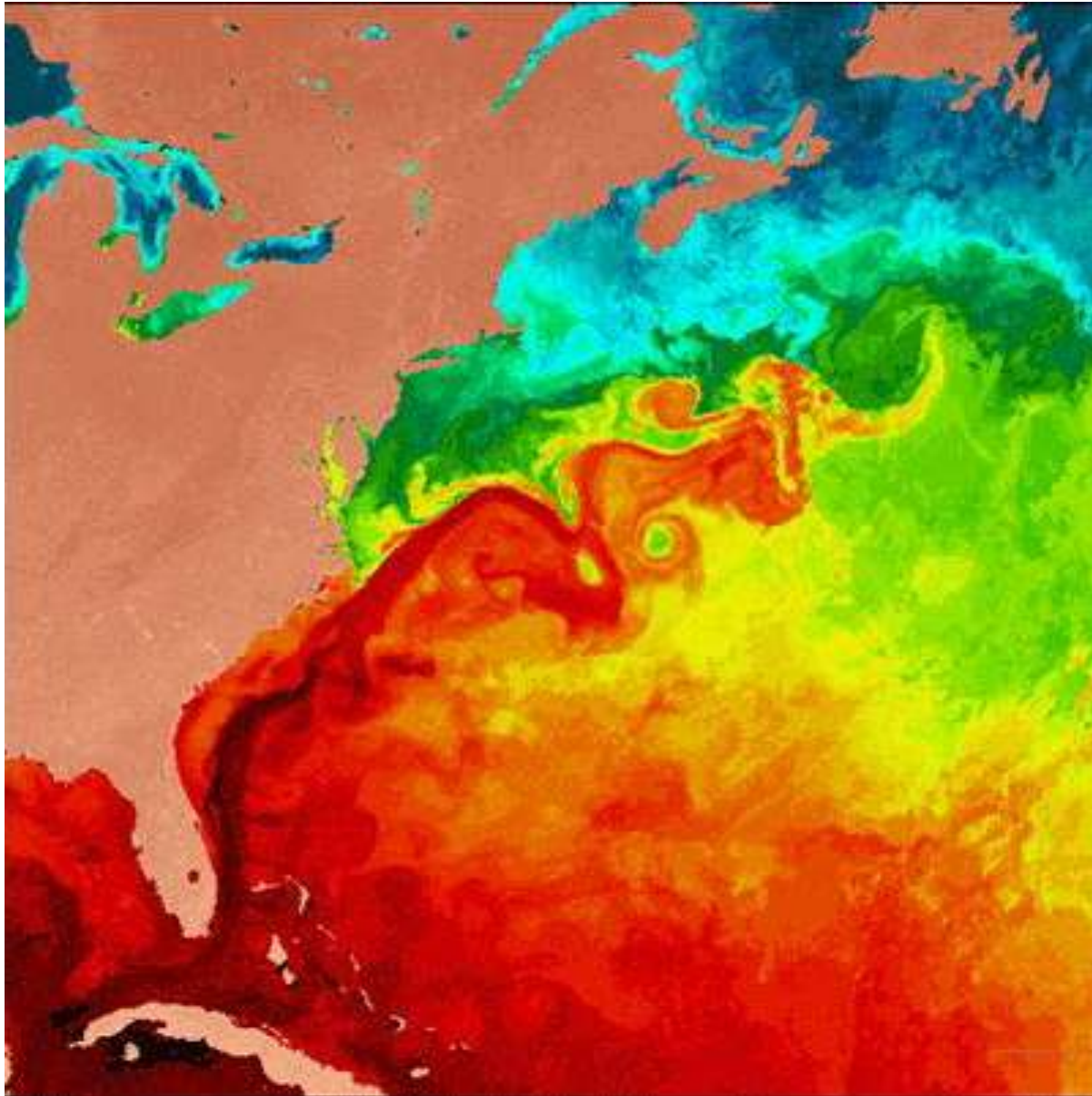




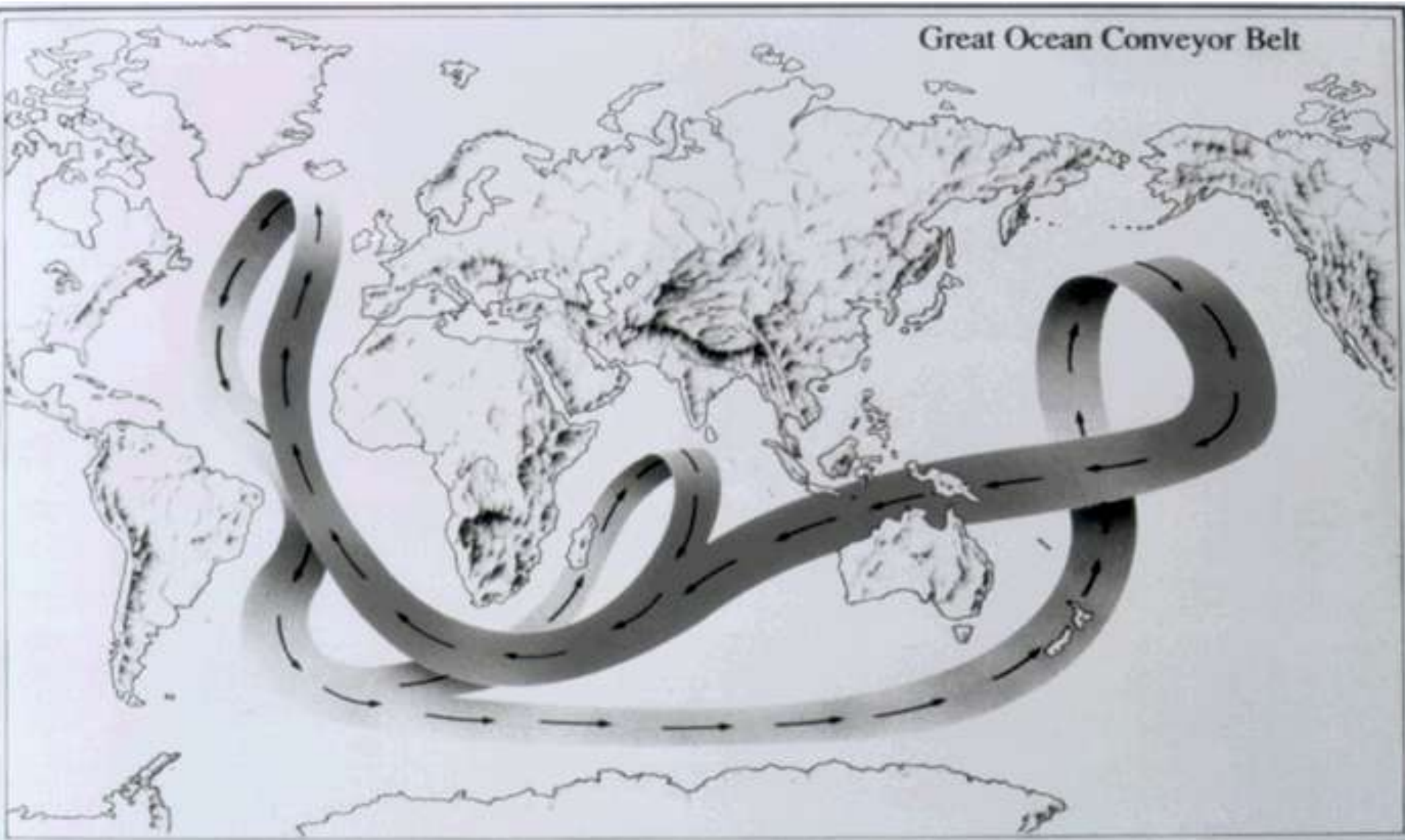
# Intensive processes: Ocean currents



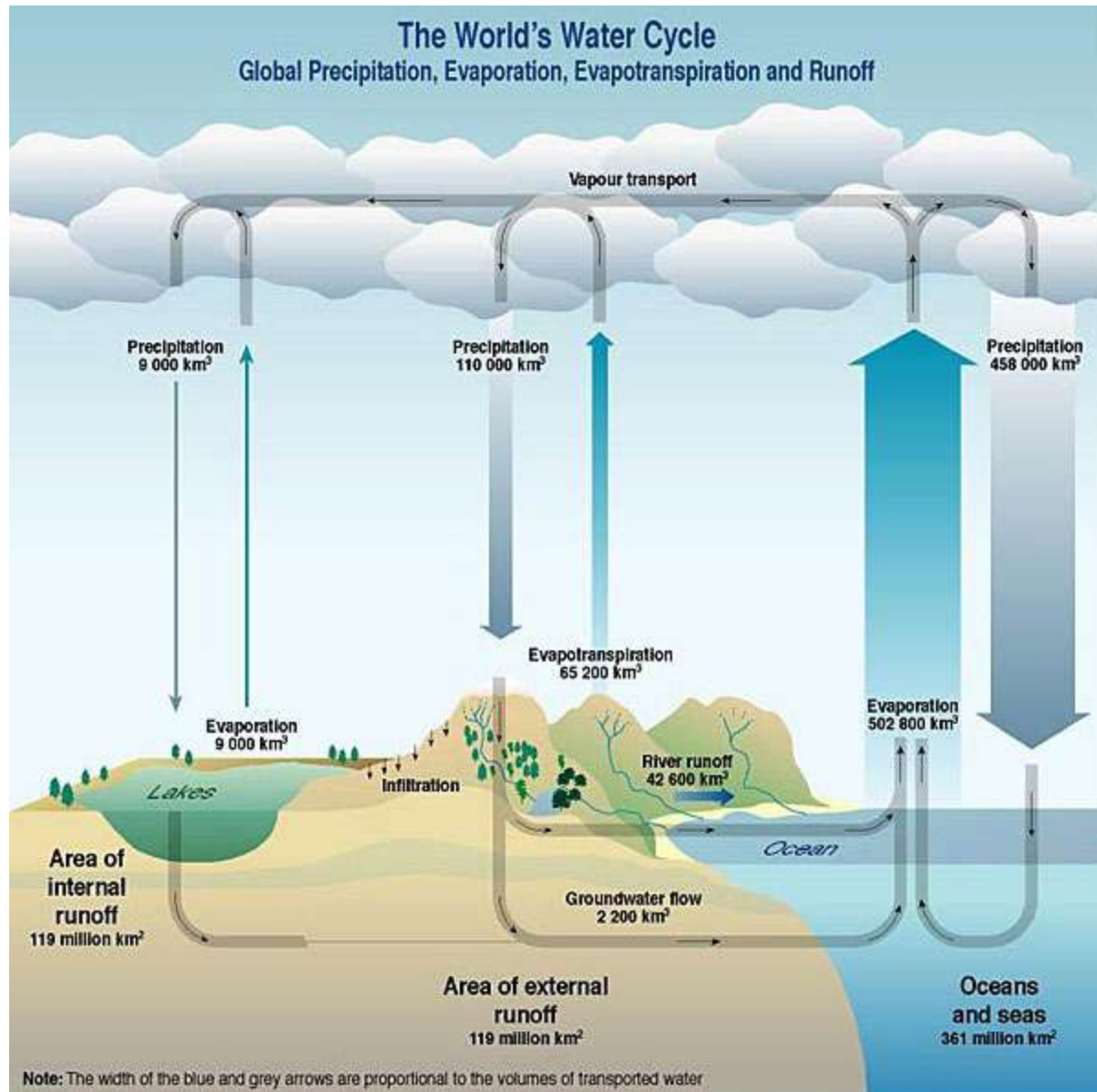
# Heat gradients in Gulf Stream



## Relation of surface and undersea currents

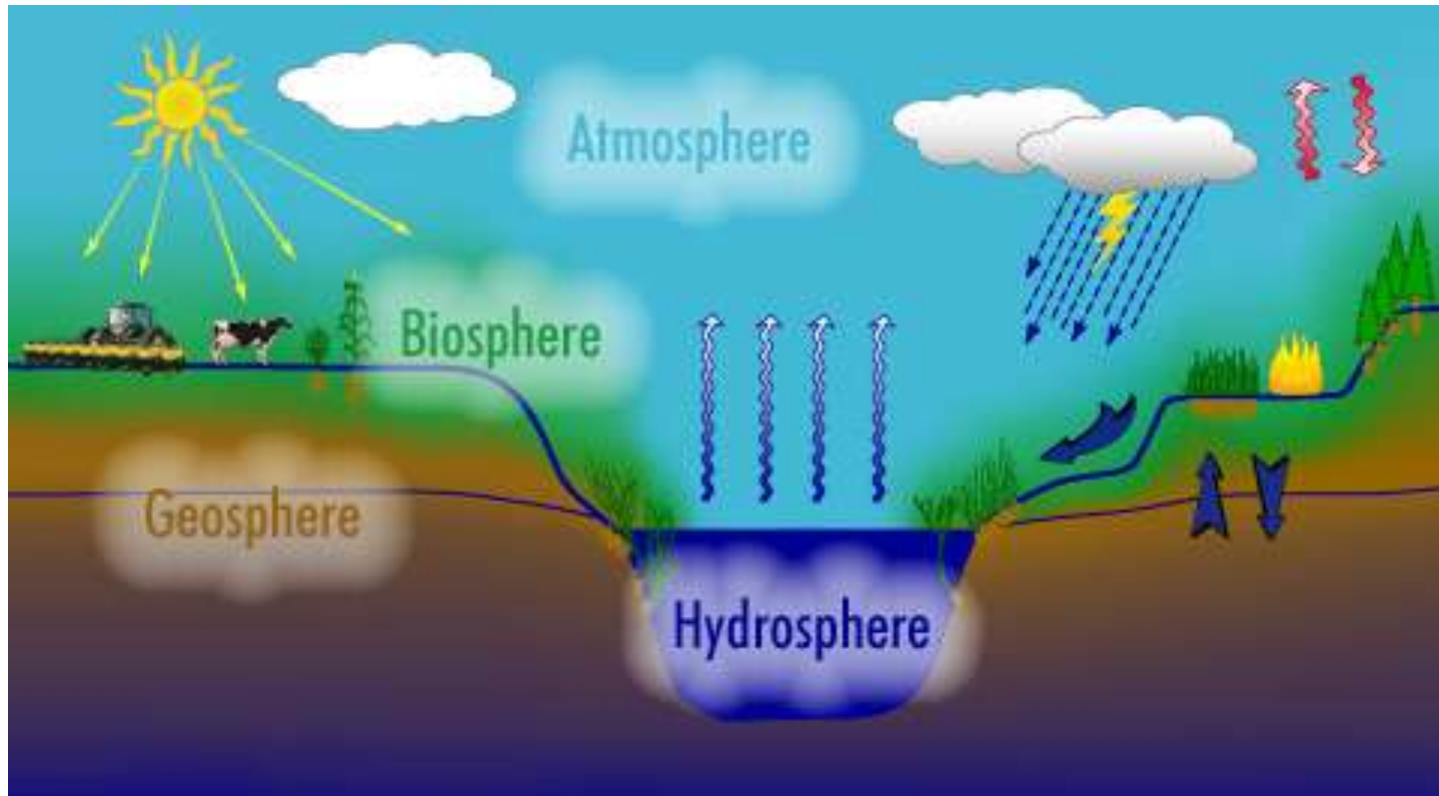


# Virtual register: the Idea of the Water Cycle

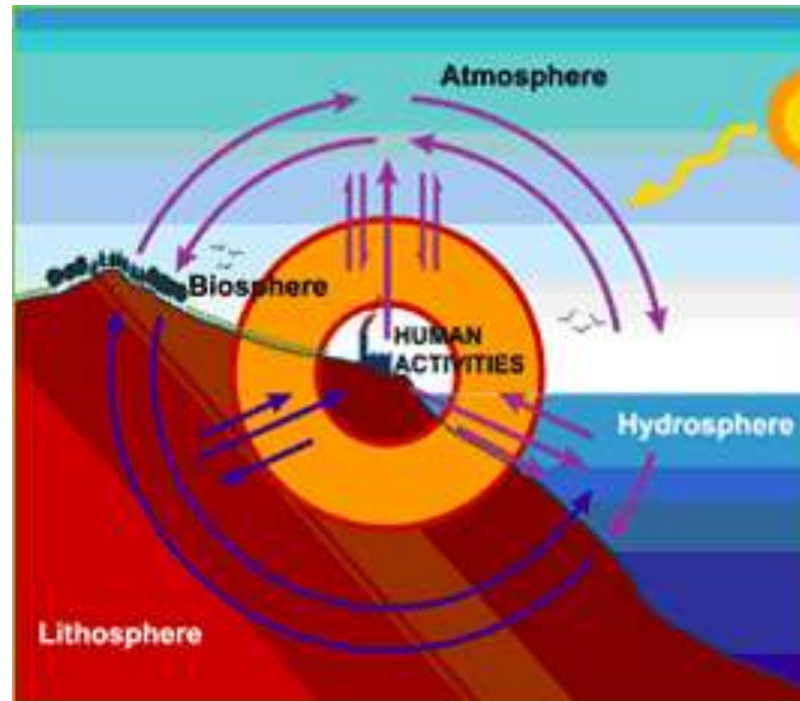


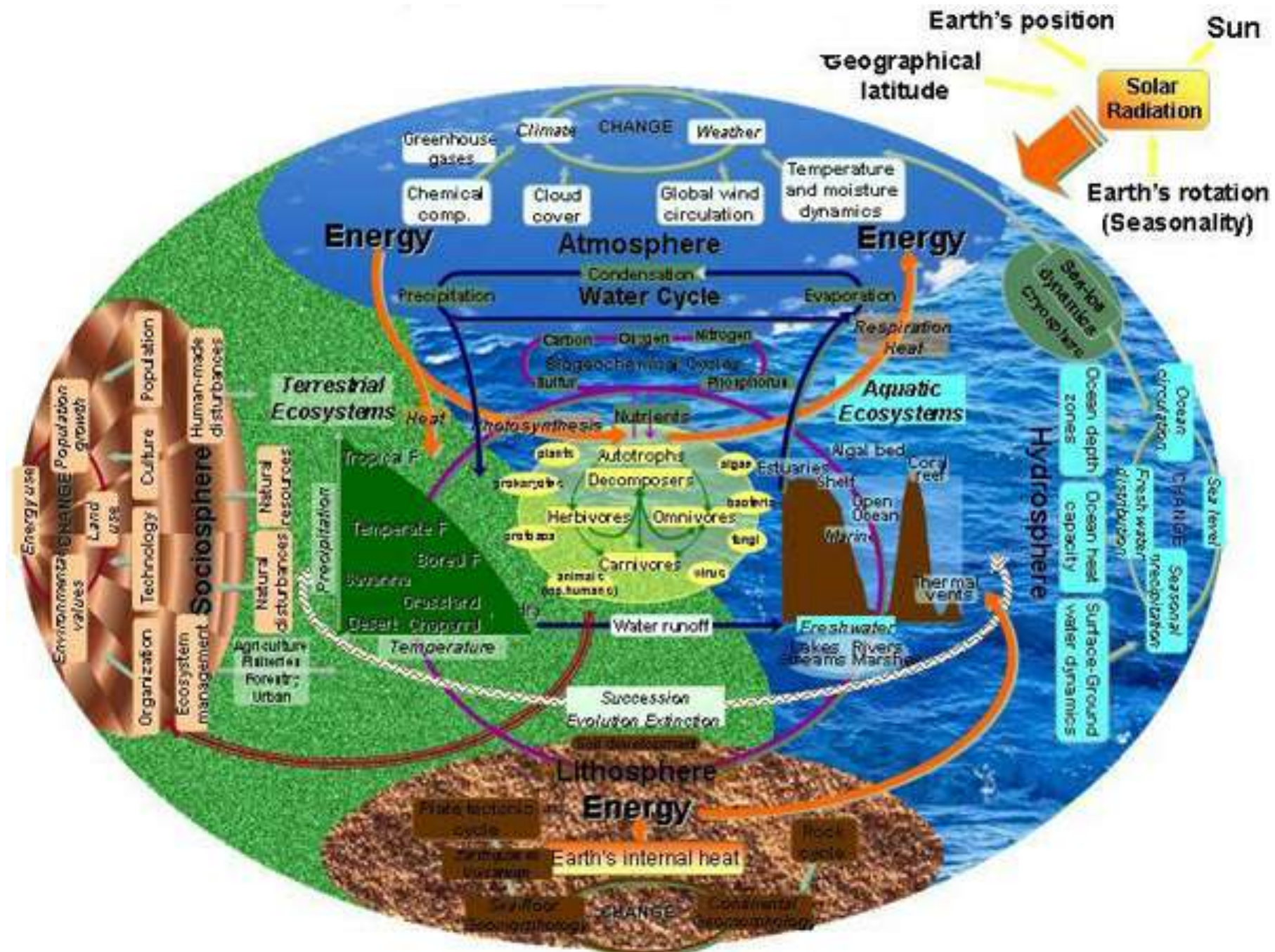
Source: Igor A. Shiklomanov, State Hydrological Institute (SHI, St. Petersburg) and United Nations Educational, Scientific and Cultural Organisation (UNESCO, Paris), 1999; Max Planck, Institute for Meteorology, Hamburg, 1994; Freeze, Allen, John, Cherry, *Groundwater*, Prentice-Hall: Engle wood Cliffs NJ, 1979.

# Perplication of the “spheres”

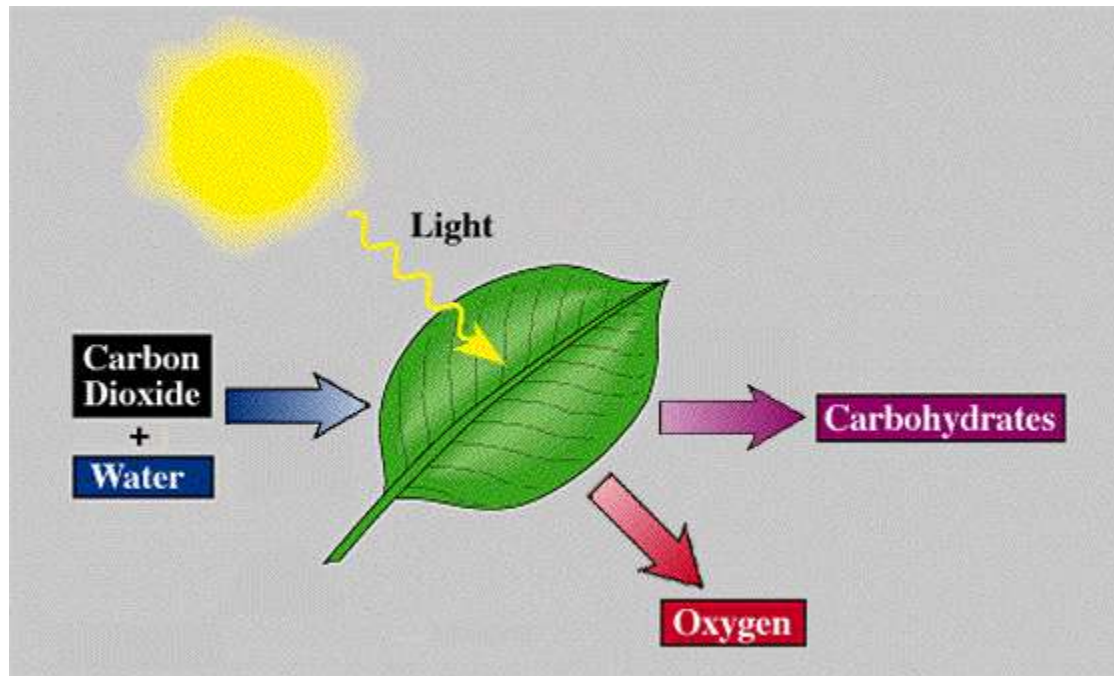


# Complex nested and coupled cycles



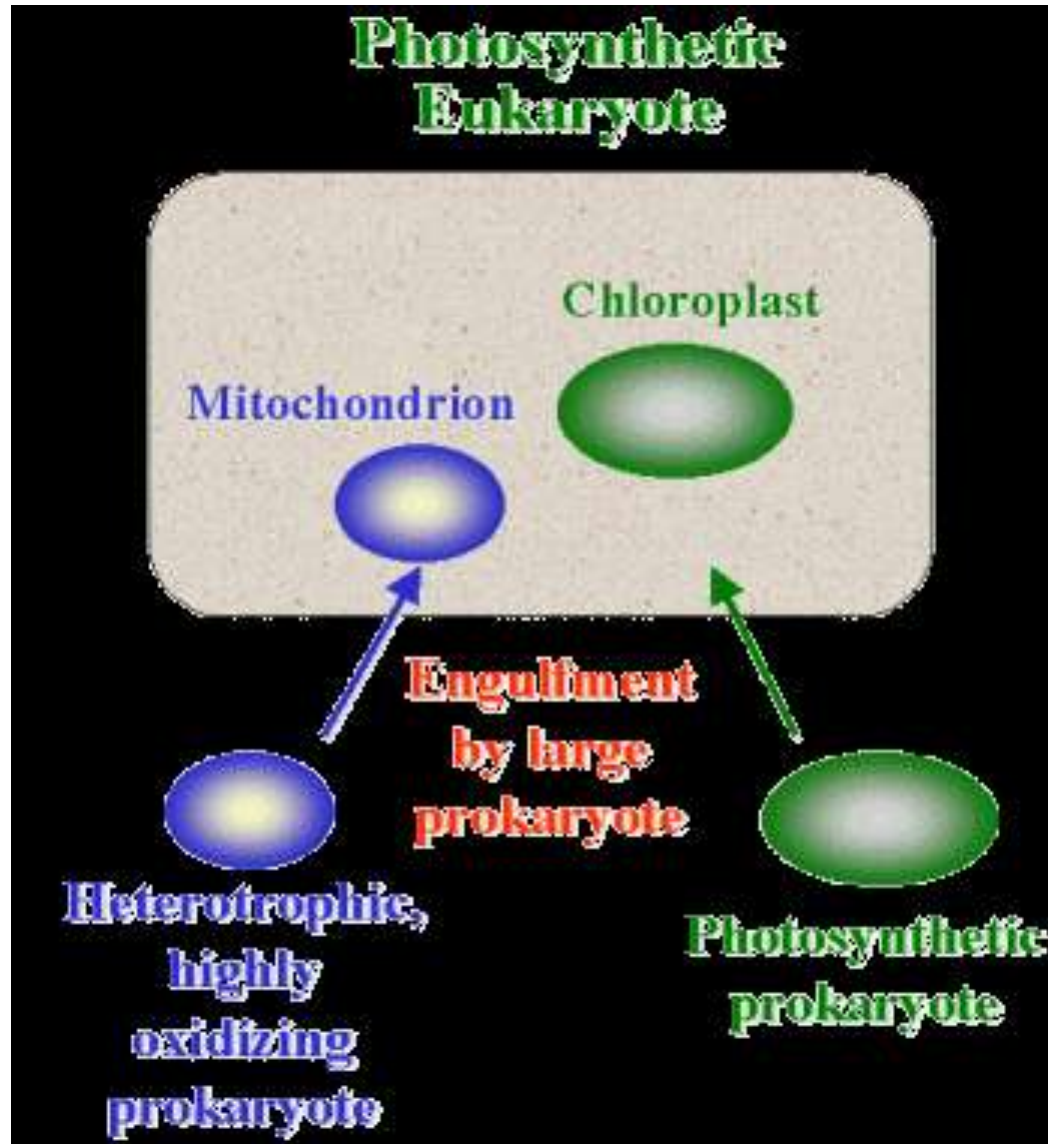


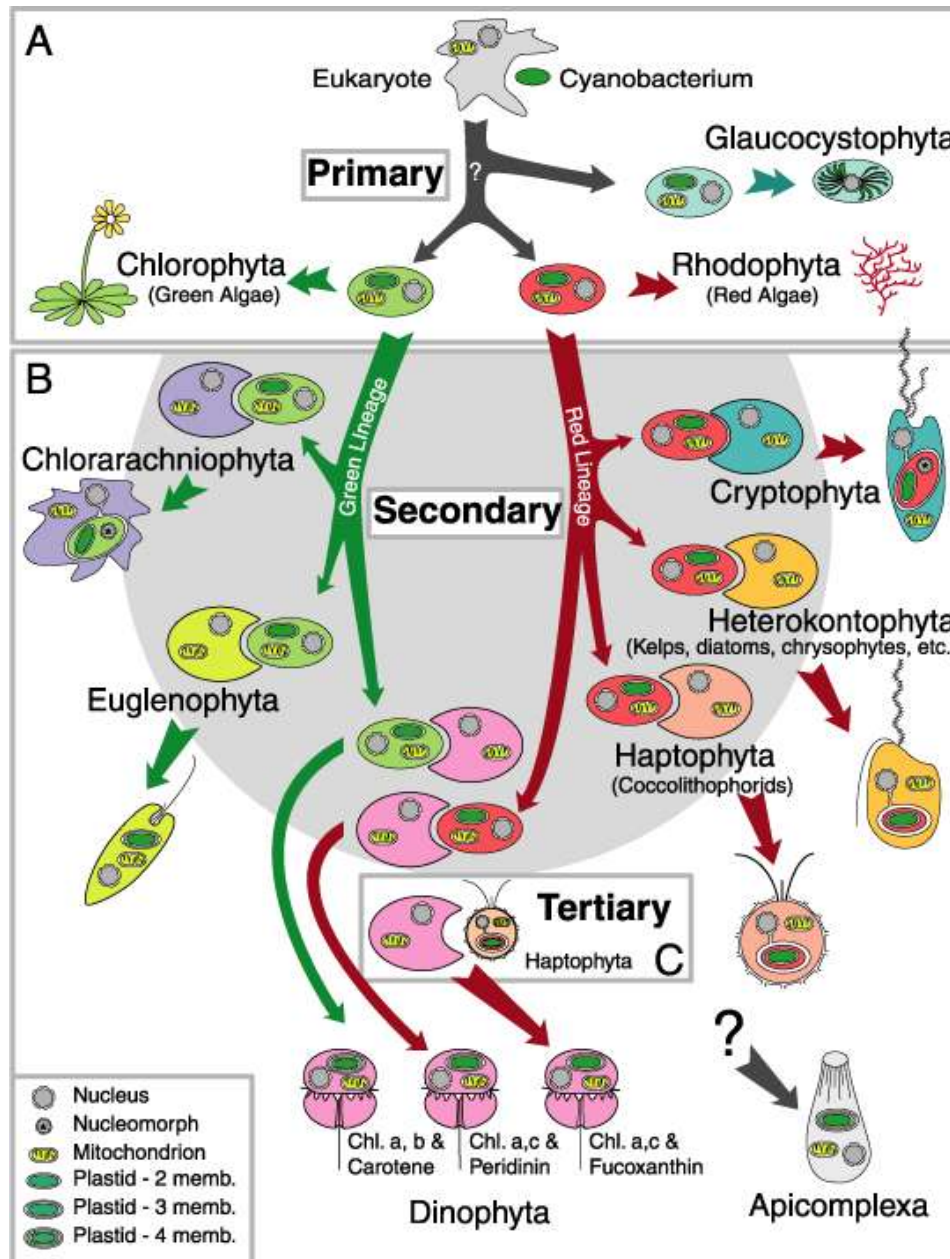
# Photosynthesis





# Endosymbiosis



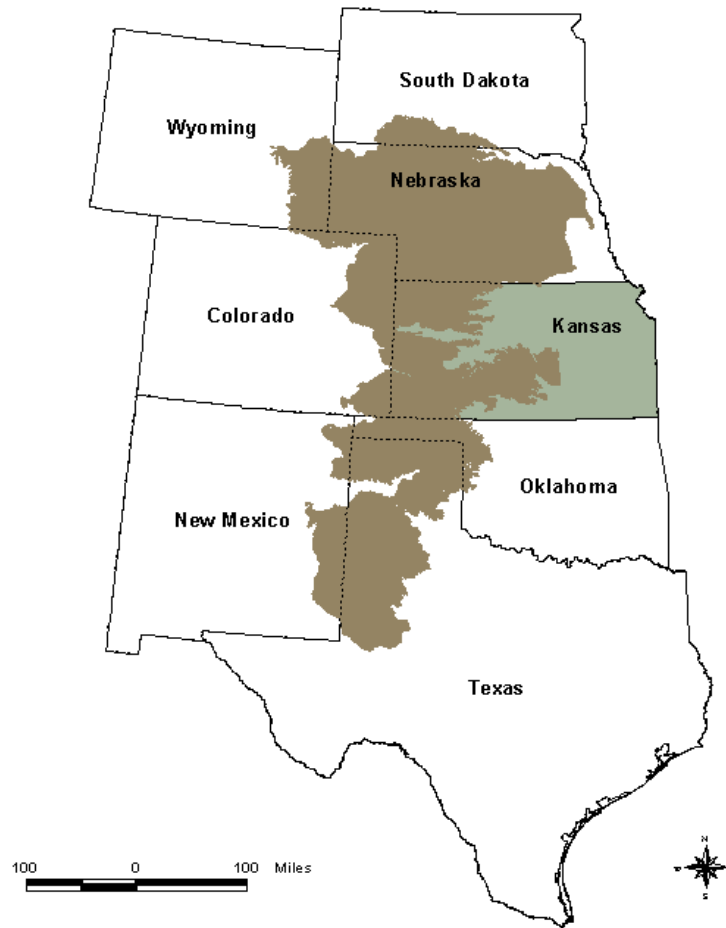


# HYDROPOLITICS

# West Texas agriculture: diverted subsurface water



# Ogallala aquifer



# Arizona agriculture: diverted surface water



# Hoover Dam



# Egyptian basin irrigation





# Egyptian nomes: political units

