Readings: The Origin of the Earth, the Atmosphere and Life

Assigned Readings:


Recommended Readings:


Antiquity & Origin of Life

-Defends biogenicity of 3.5Ga Apex microfossils
-Geochemical & morphologic evidence against biogenicity of Apex microfossils.
-Dramatized (tabloid!) report of Brasier-Schopf battle over biogenicity of Apex "fossils".
-Further commentary on debate over Apex fossils.
-Inorganic salt structures synthesized that are morphologically similar to Apex "microfossils"
-Molecular and isotopic evidence for cyanobacteria and oxygenic photosynthesis 2.7 Ga
-Evidence for photosynthetic origin of 3.4Ga deposits