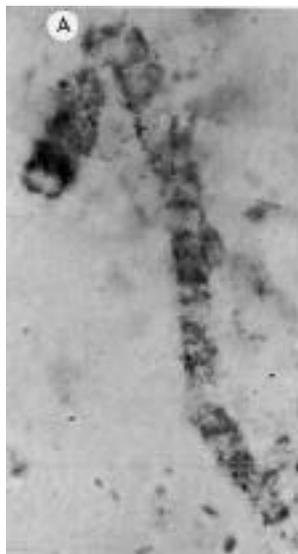
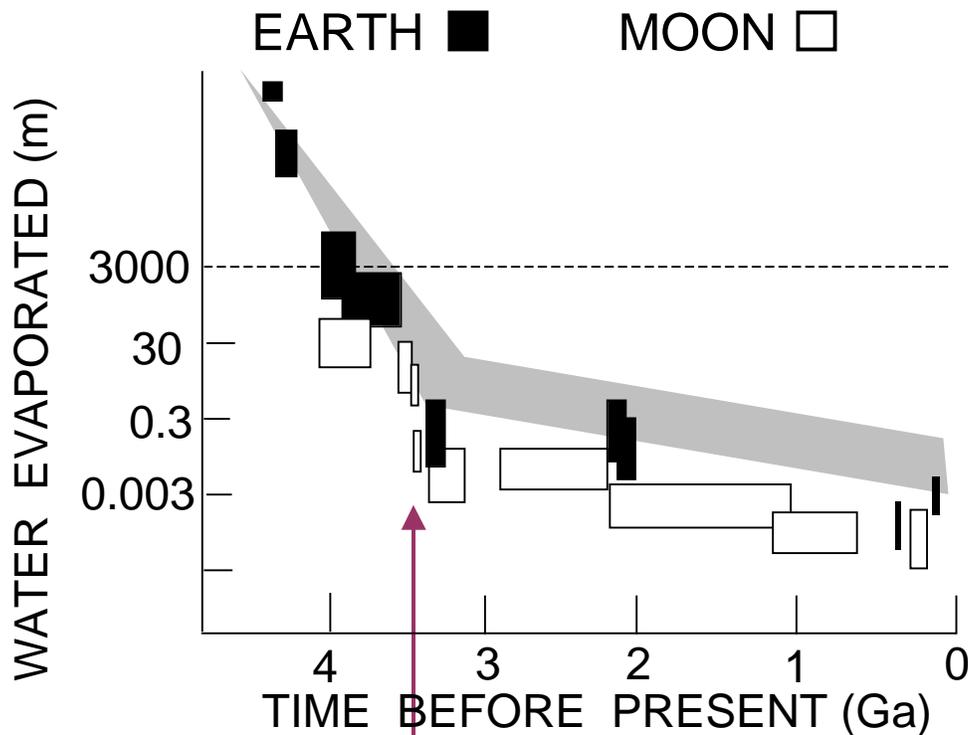


# EARLY EARTH: THE VIOLENT BIRTHPLACE OF LIFE

## OCEAN-VAPORIZING EVENTS



EARLIEST KNOWN  
MICROFOSSILS 3.465 Ga  
80 MICRONS IN LENGTH  
(SCHOPF et al.)

STRUCTURES ARE  
ALREADY MORE THAN  
INFLATED BAGS

WHAT SIMPLE CELL DESIGNS COULD HAVE  
EMERGED IN 200 MILLION YEARS?