

INVENTORY OF CELL DESIGNS

MORPHOLOGIES OF MODERN PHOTOSYNTHETIC BACTERIA

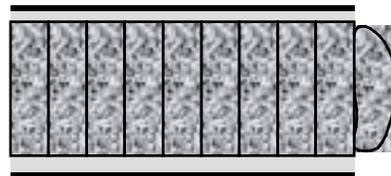
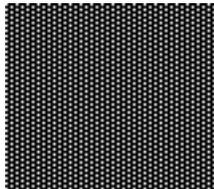
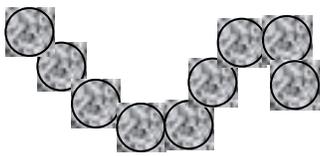
CYANOBACTERIA

PURPLE BACTERIA

GREEN BACTERIA

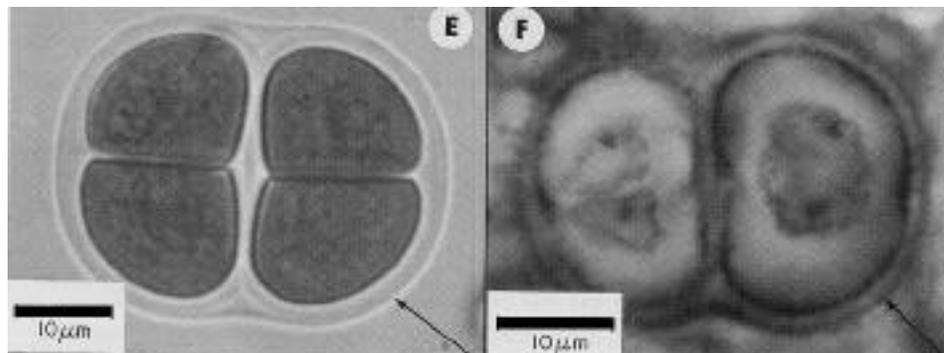
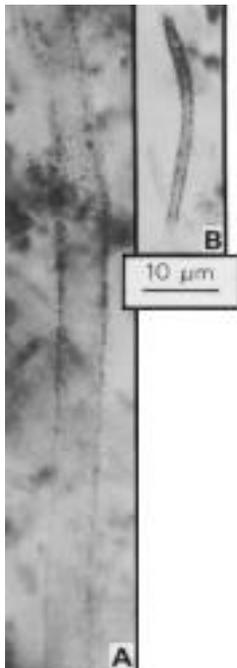
OXYGENIC (H₂O → O)

ANOXYGENIC (e.g. H₂S → S)



MICROFOSSILS

2.0 ± 0.2 Ga



LIVING

1.55 Ga

(BARS ARE 10 MICRONS; from SCHOPF et al.)