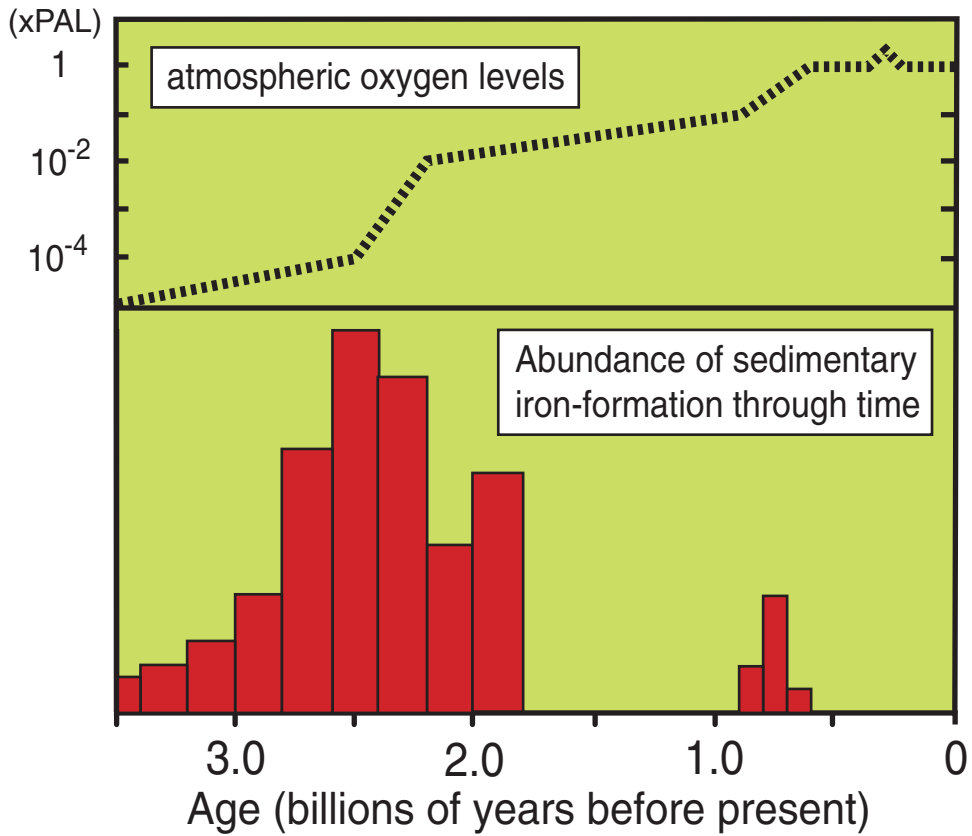
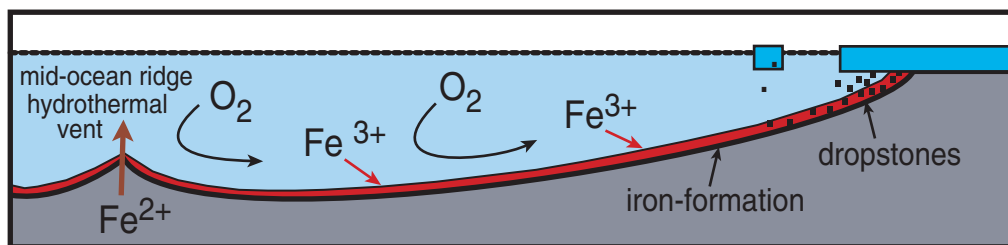
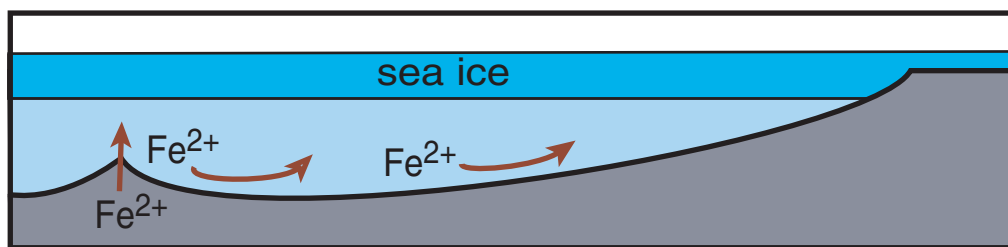


If O_2 is absent, iron is soluble as ferrous (Fe^{2+}) ion.
 If O_2 is present, iron is insoluble as ferric (Fe^{3+}) ion.



Snowball earth: anoxic ocean



Deglaciation: ocean ventilation