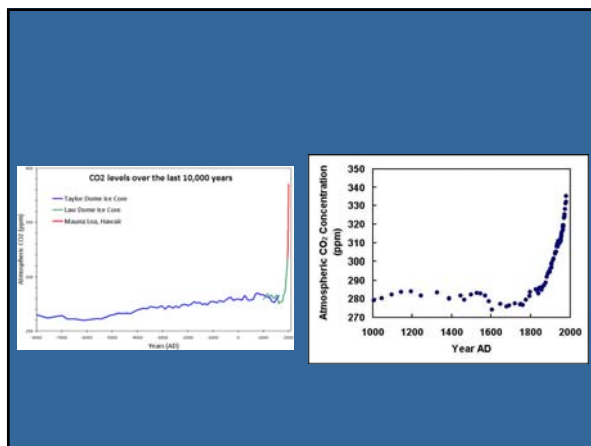
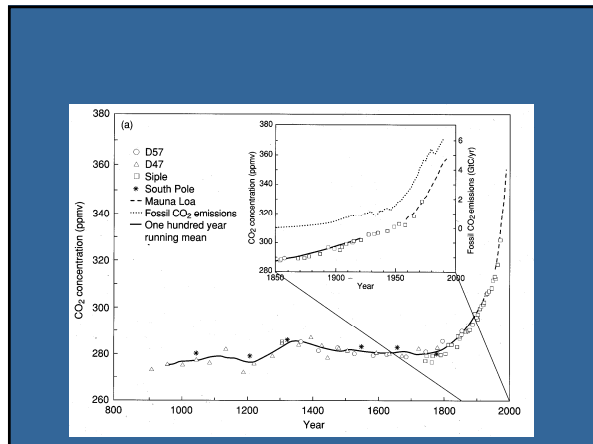
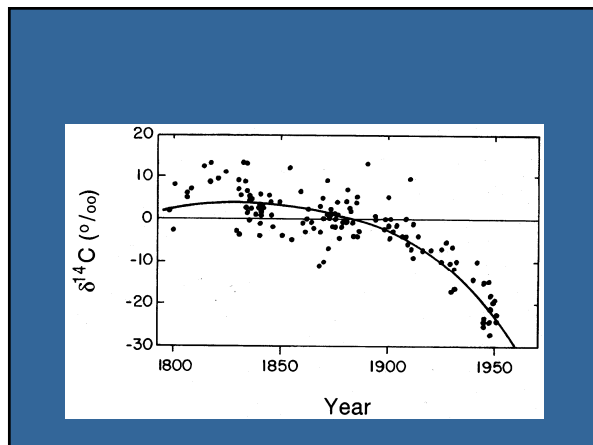


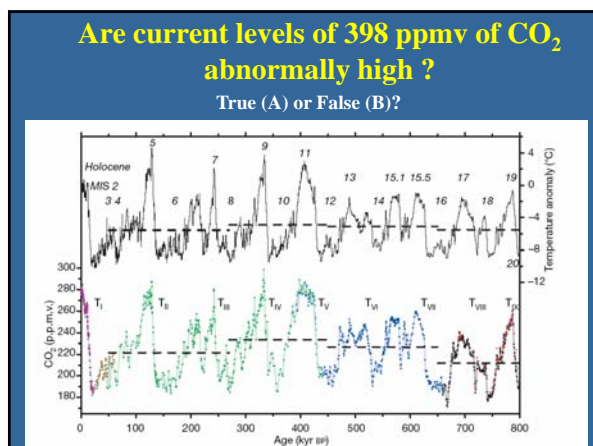
The End of Nature

Global Change is More Than Global Warming

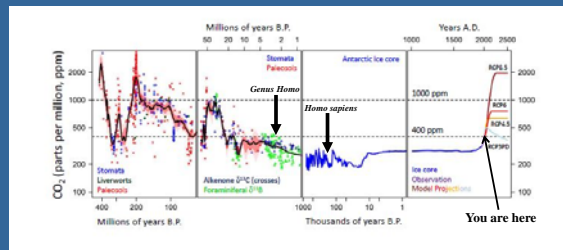








Current efforts to look even further back suggest ...

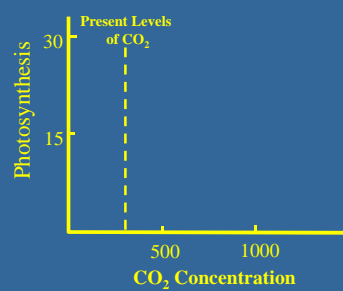


So What ?

Assigned Reading # 4
Bazzaz & Fajer 1992

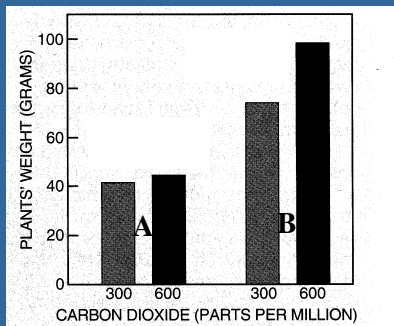
Chapter 6 pages 117-120

Under Optimal Conditions the Growth of Plants May Increase

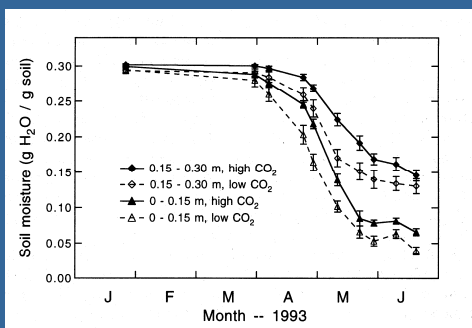


Conditions Are Not Always Optimal

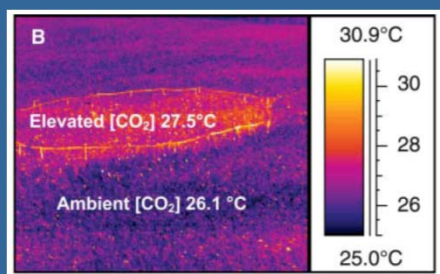
Which set of bars are plants growing under more optimal conditions?



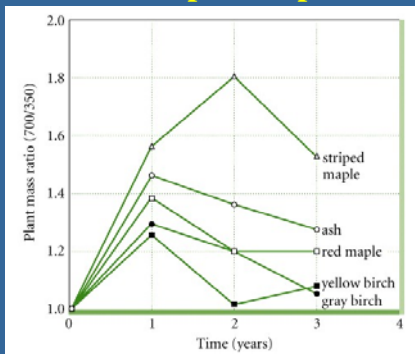
Plants May Lose Less Water



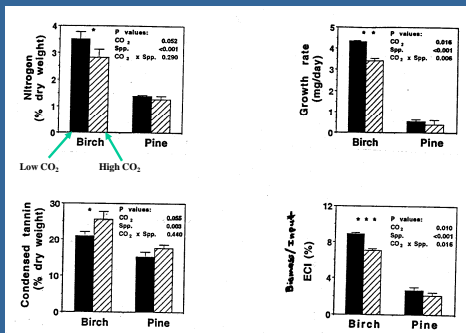
What is causing the difference shown here?



Effects May Change Over Time And Be Species Specific

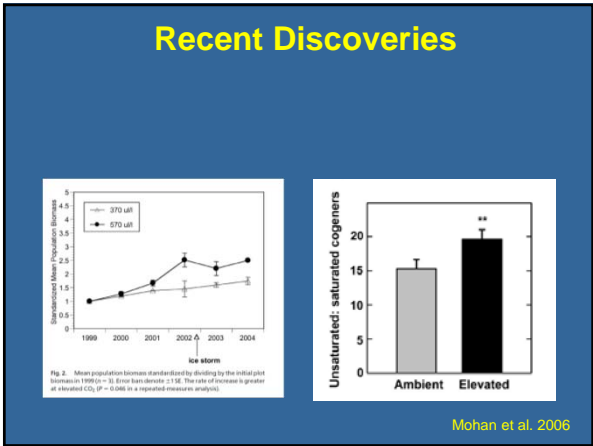


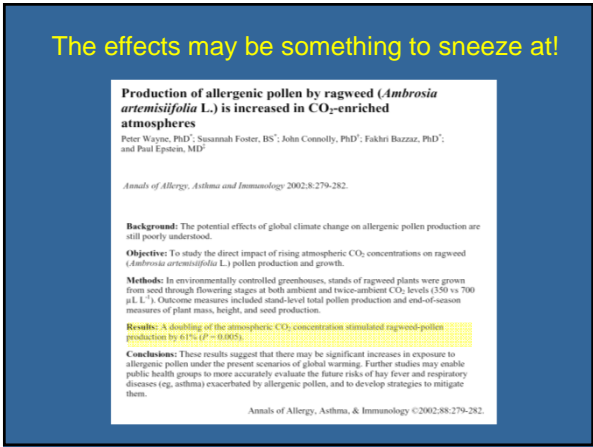
Changes in Tissue Composition Could Effect Herbivory

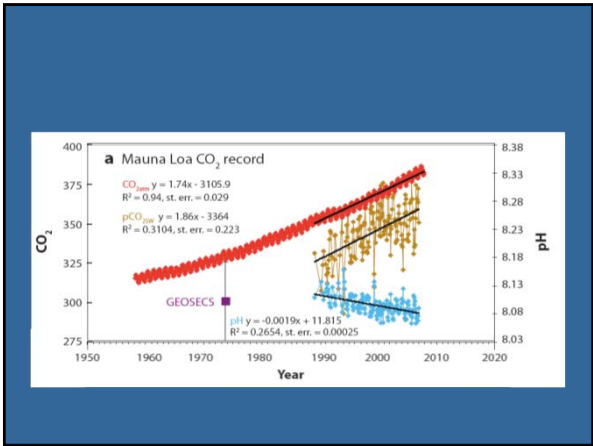


High CO₂ Can Speed Flowering & Senescence

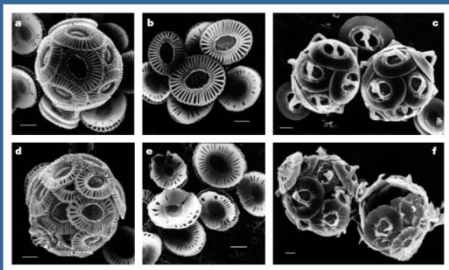
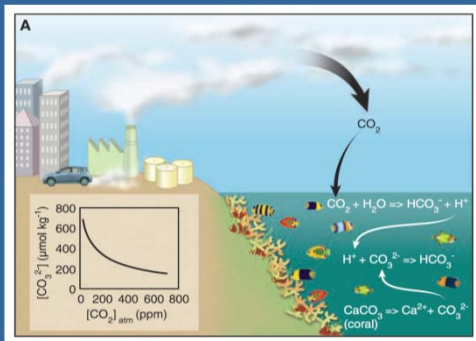








And reduce soluble carbonate because ...



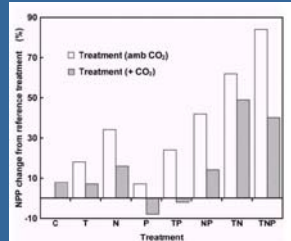
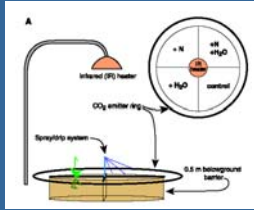
Riebesell et al. 2000

Present day examples of what may result from future climate conditions?



Hoegh-Guldberg et al. 2007

Interactive Effects Can Lead to Unexpected Changes



Article # 5 Shaw et al 2002
