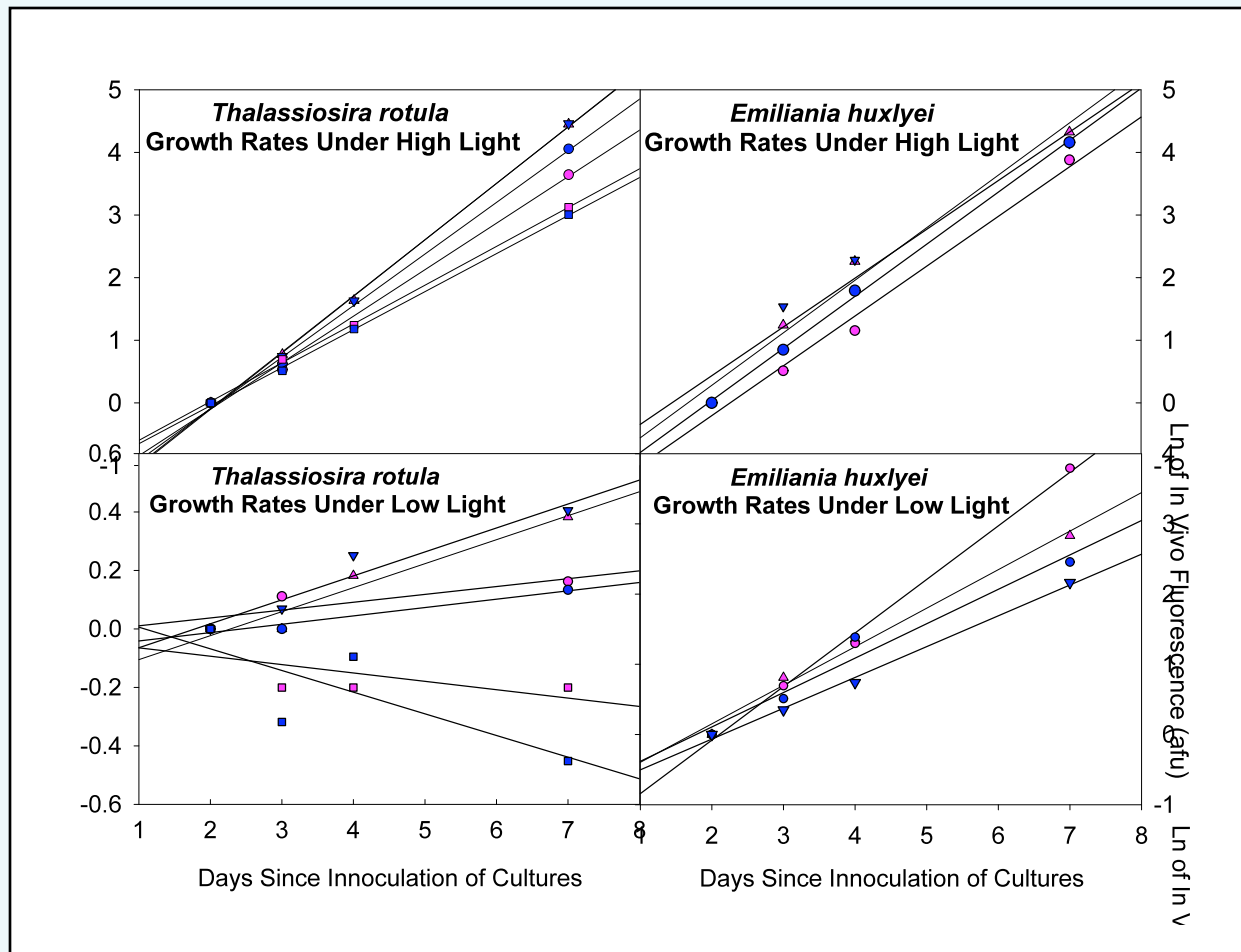


Phytoplankton Response to Increased Atmospheric CO₂

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- CO₂ levels are predicted to nearly double by the end of the 21st century (IPCC, 2007)

- This is likely to cause a 4°C increase in sea surface temperature (IPCC, 2007)

- Phytoplankton are responsible for ~50% of the global biological uptake of carbon dioxide (Field et al., 1998)

