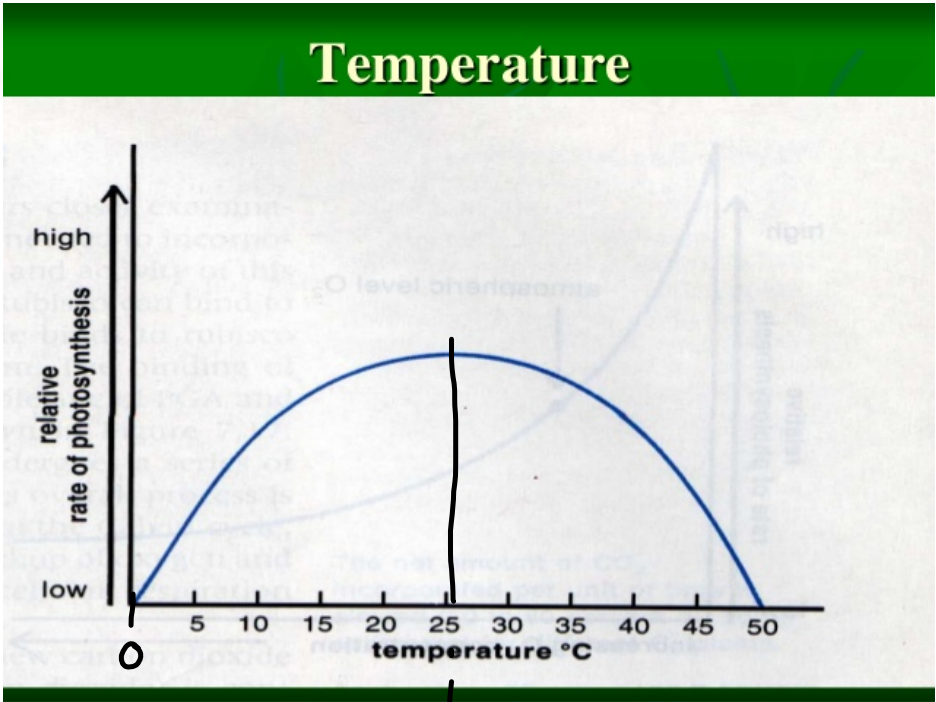


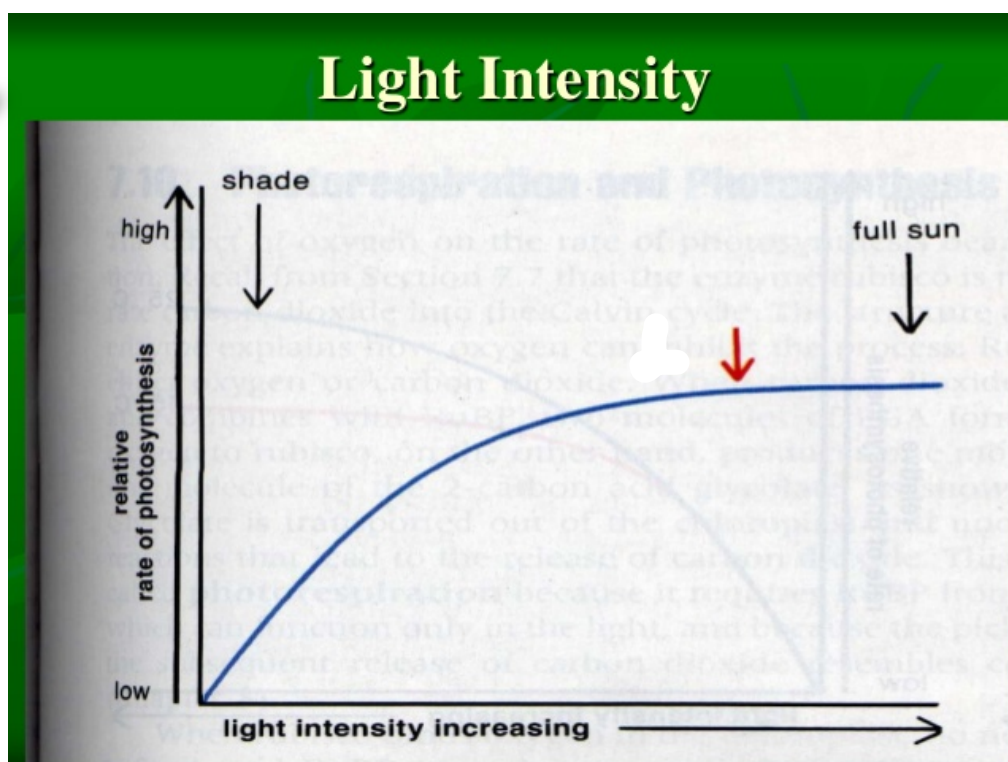
Factors Affecting Photosynthesis

- 1) Light intensity
- 2) H_2O
- 3) light color/type
- 4) CO_2
- 5) temperature



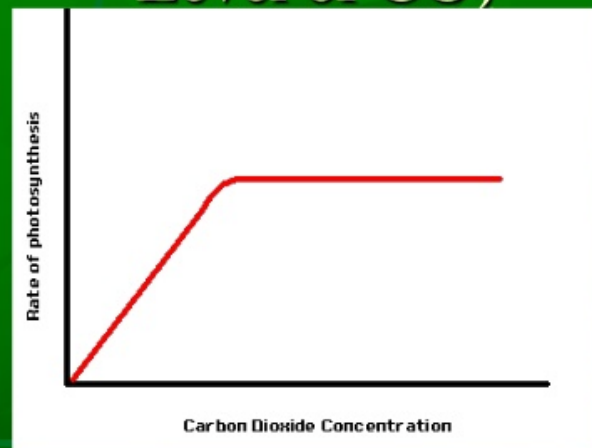


freezing 72°F





Level of CO₂



- As the level of CO₂ increases, the rate of photosynthesis increases, and then levels off.
- Leveling off represents maximum rate of photosynthesis.

Plant Adaptations - Temperate Rainforest



Devils Club - ^{too shady} broad leaves

Sitka Spruce - too cold \Rightarrow

needles - waxy
insulations