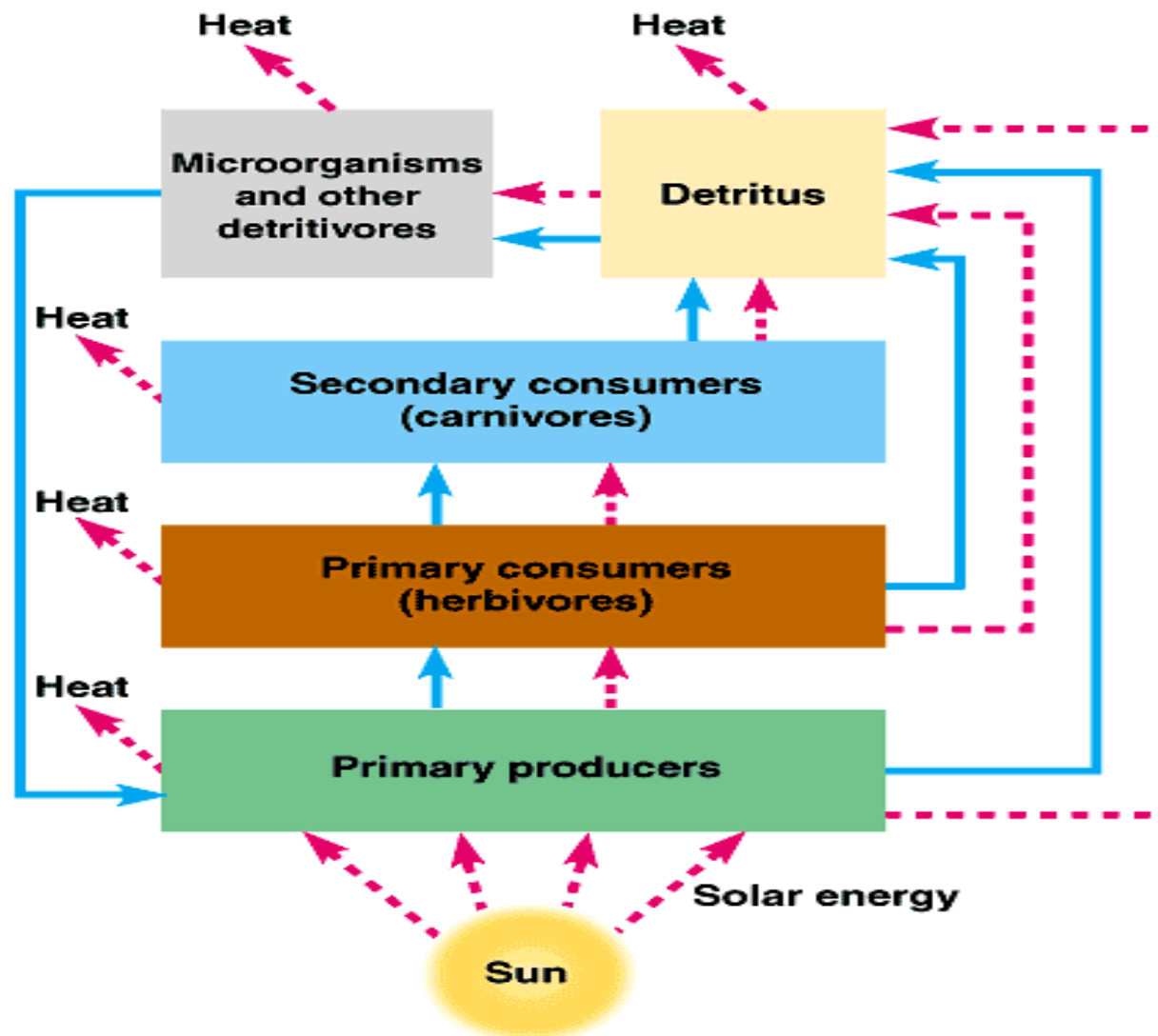


Pre AP Biology

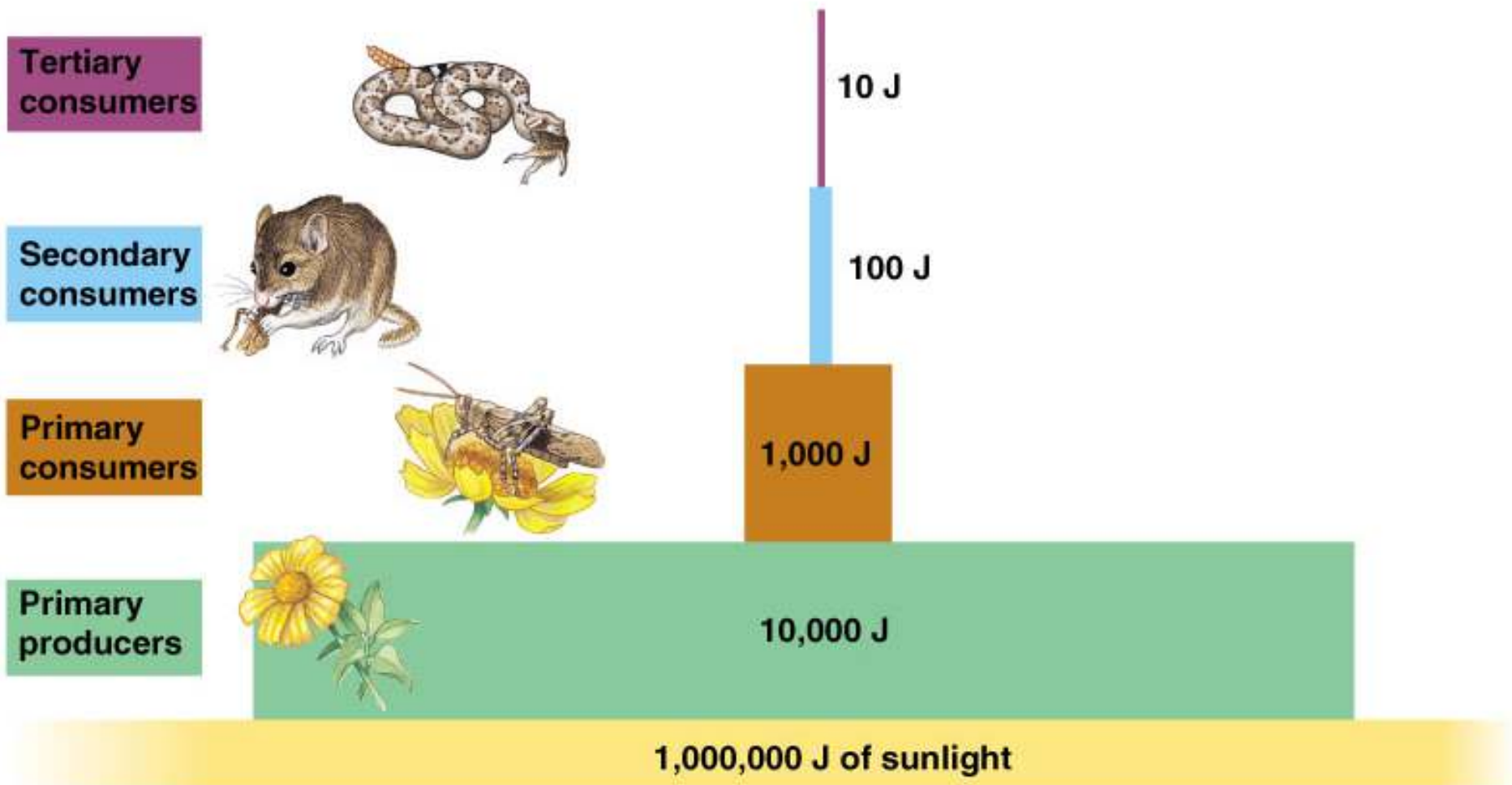
Ecosystem Dynamics (6.4)

Part 1

Energy Flow & Matter Cycling



10% Rule of Energy & Trophic Levels

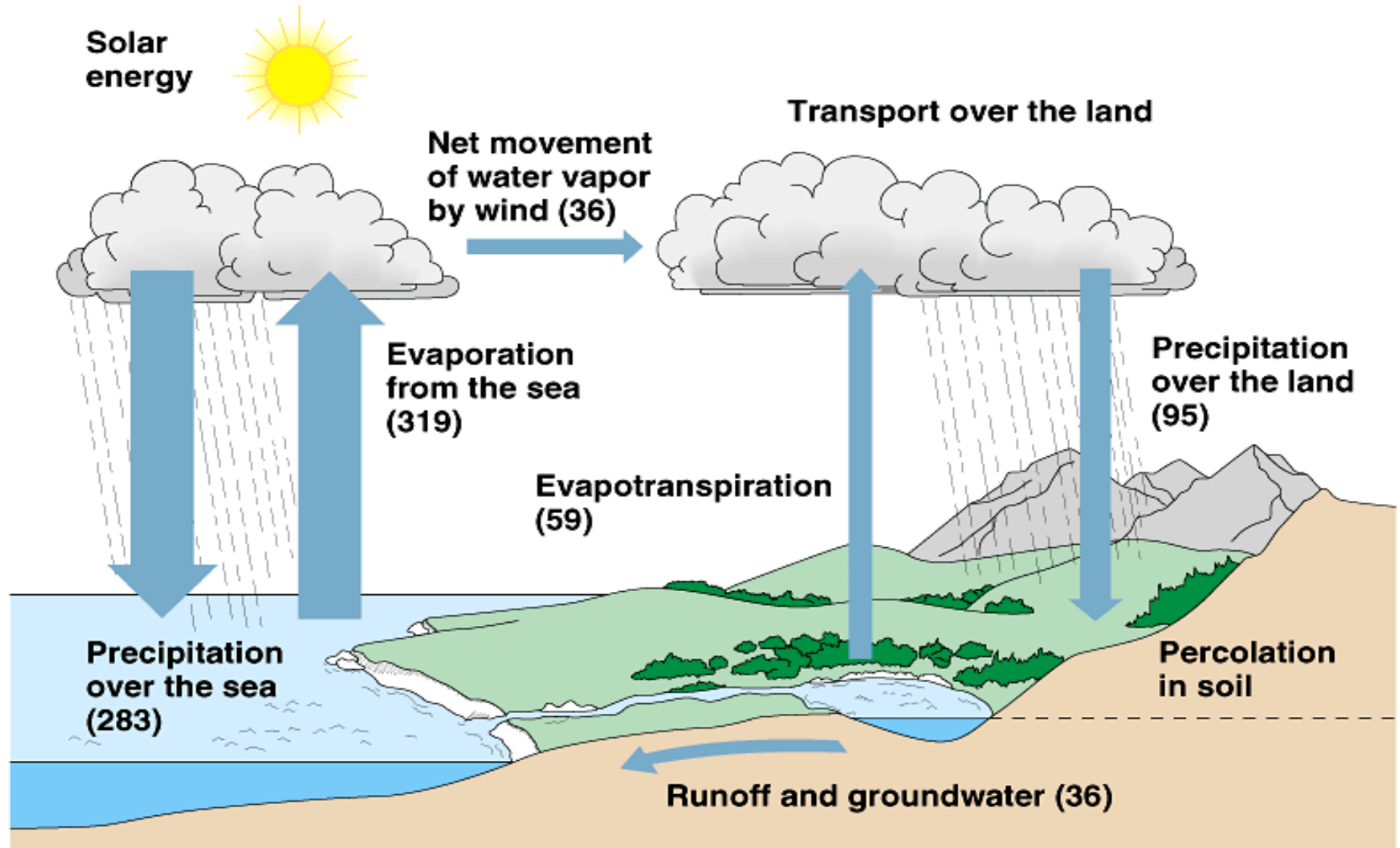


Pre AP Biology

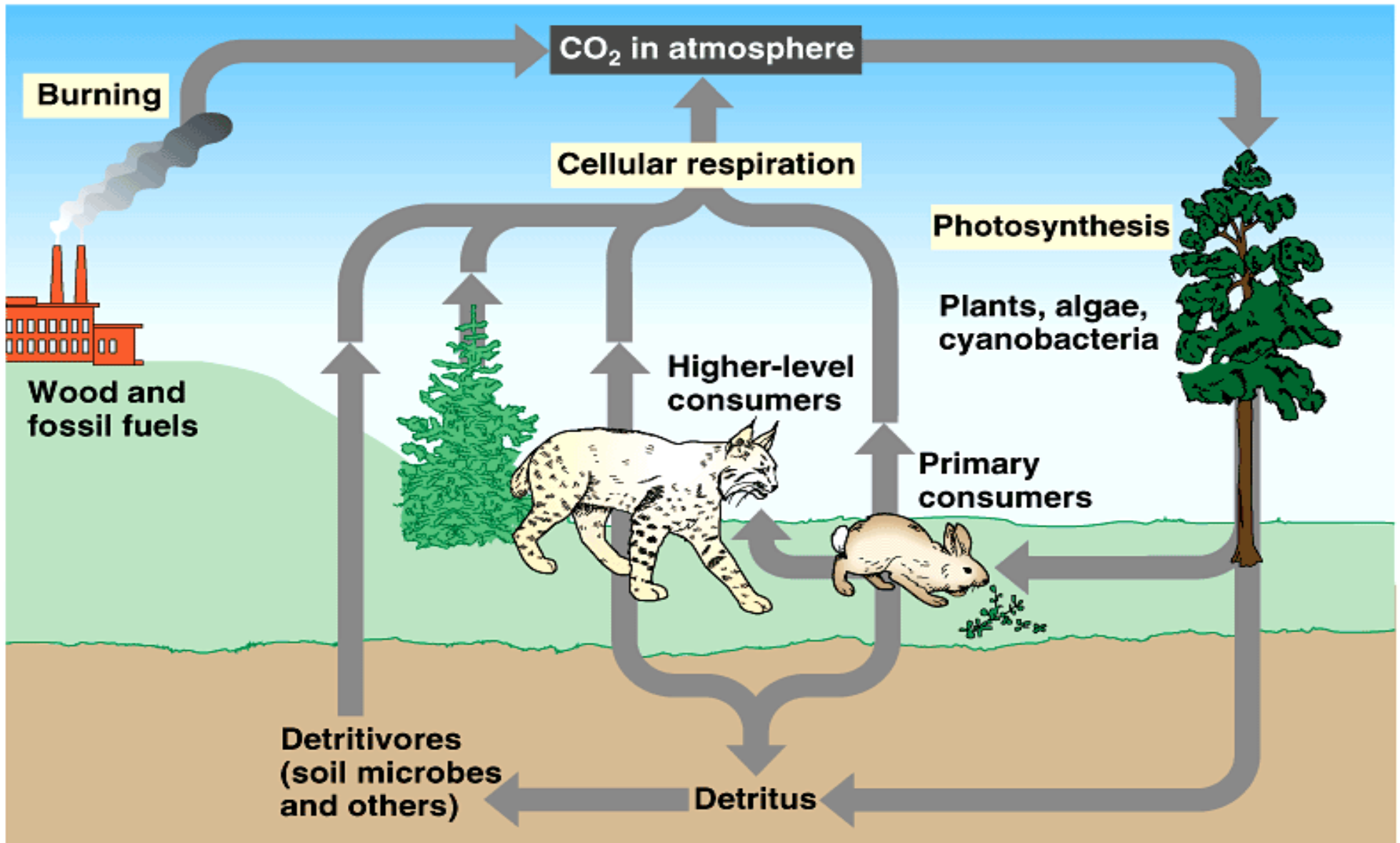
Ecosystem Dynamics (6.4)

Part 2

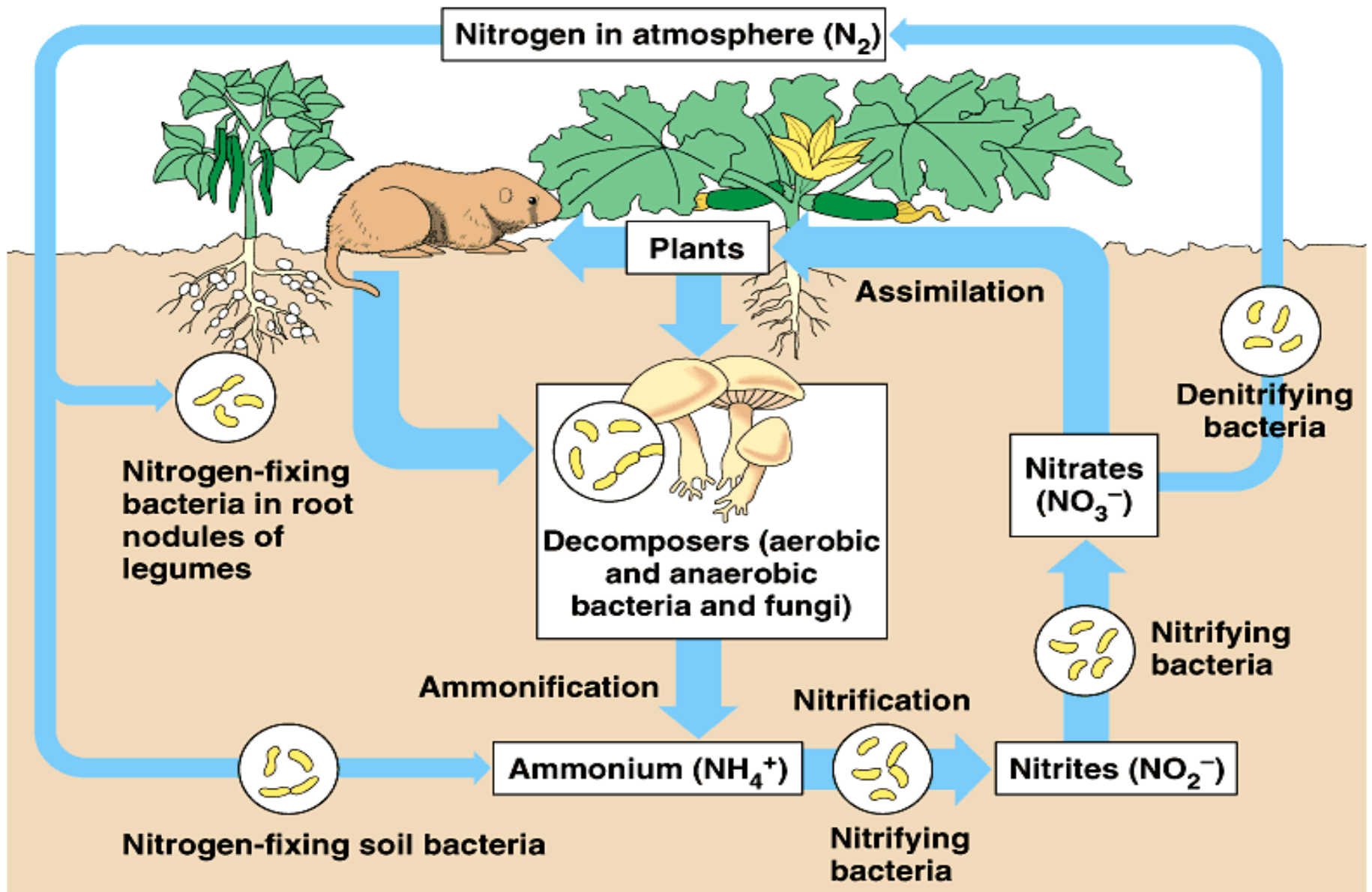
Water Cycle



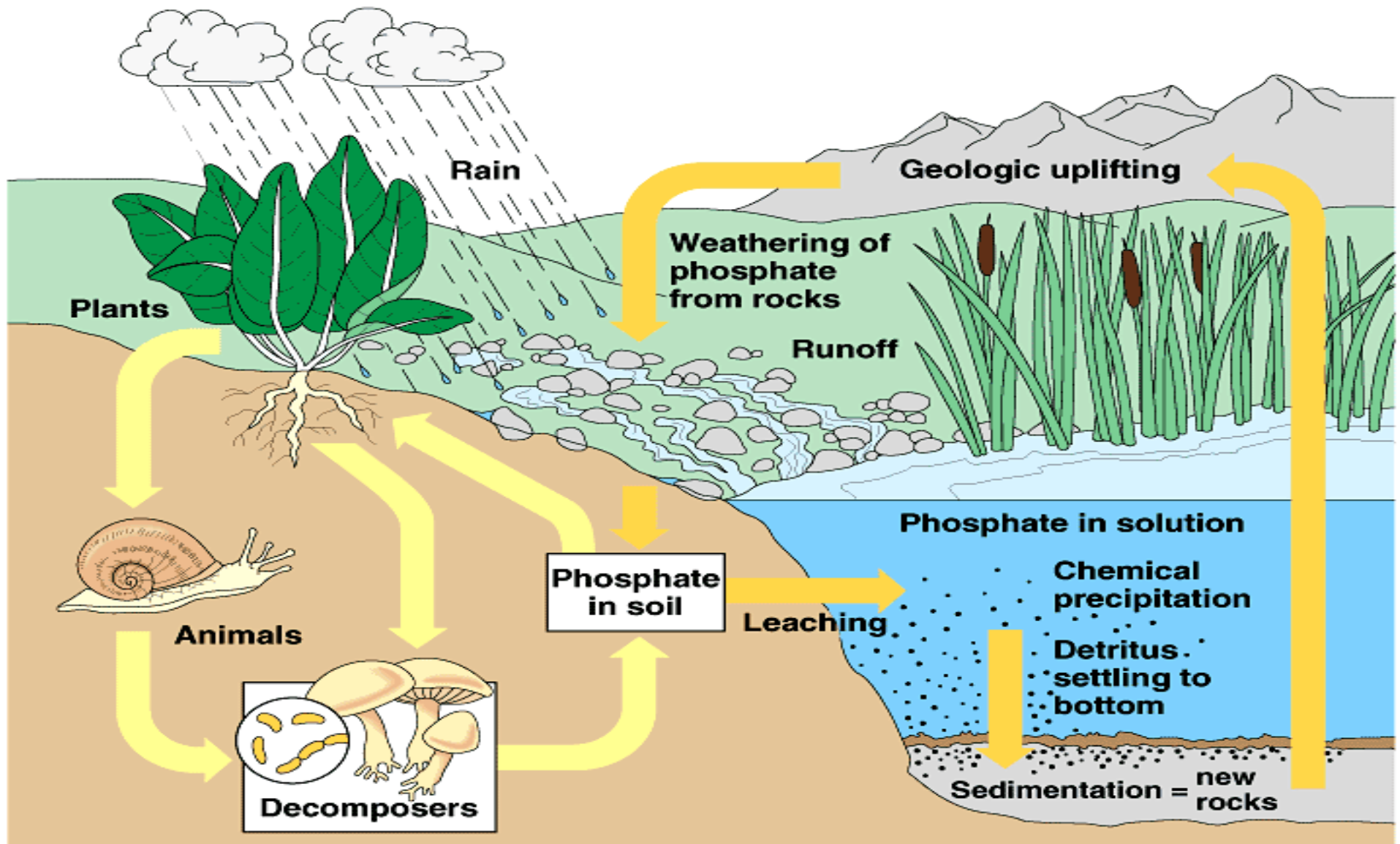
Carbon Cycle



Nitrogen Cycle



Phosphorus Cycle



Pre AP Biology

Ecosystem Dynamics (6.4)

Part 3

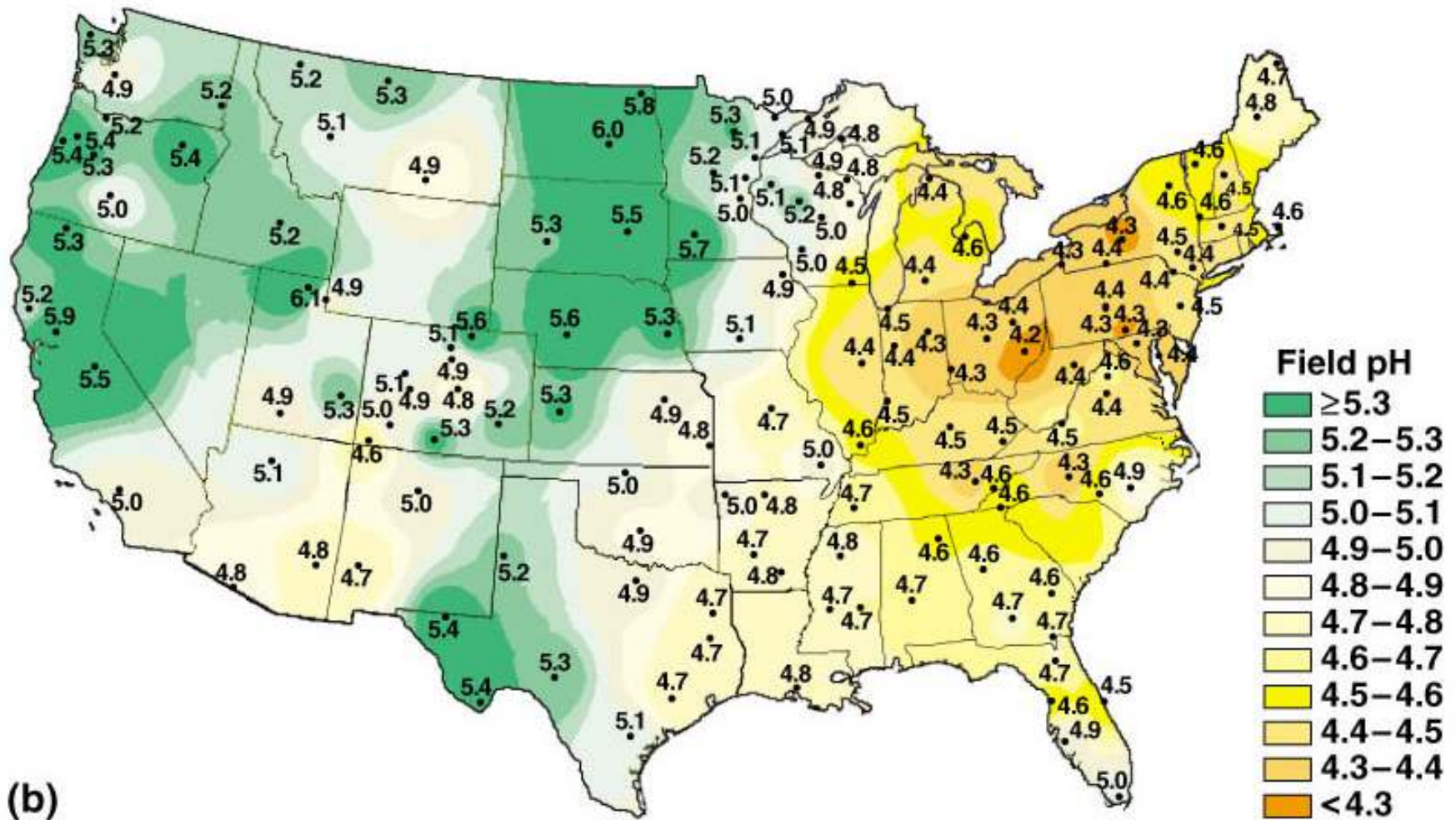
Harvesting (Removing matter & nutrients)



Sources for Acid Precipitation



Previous Acid rain pH across the U.S.



(b)

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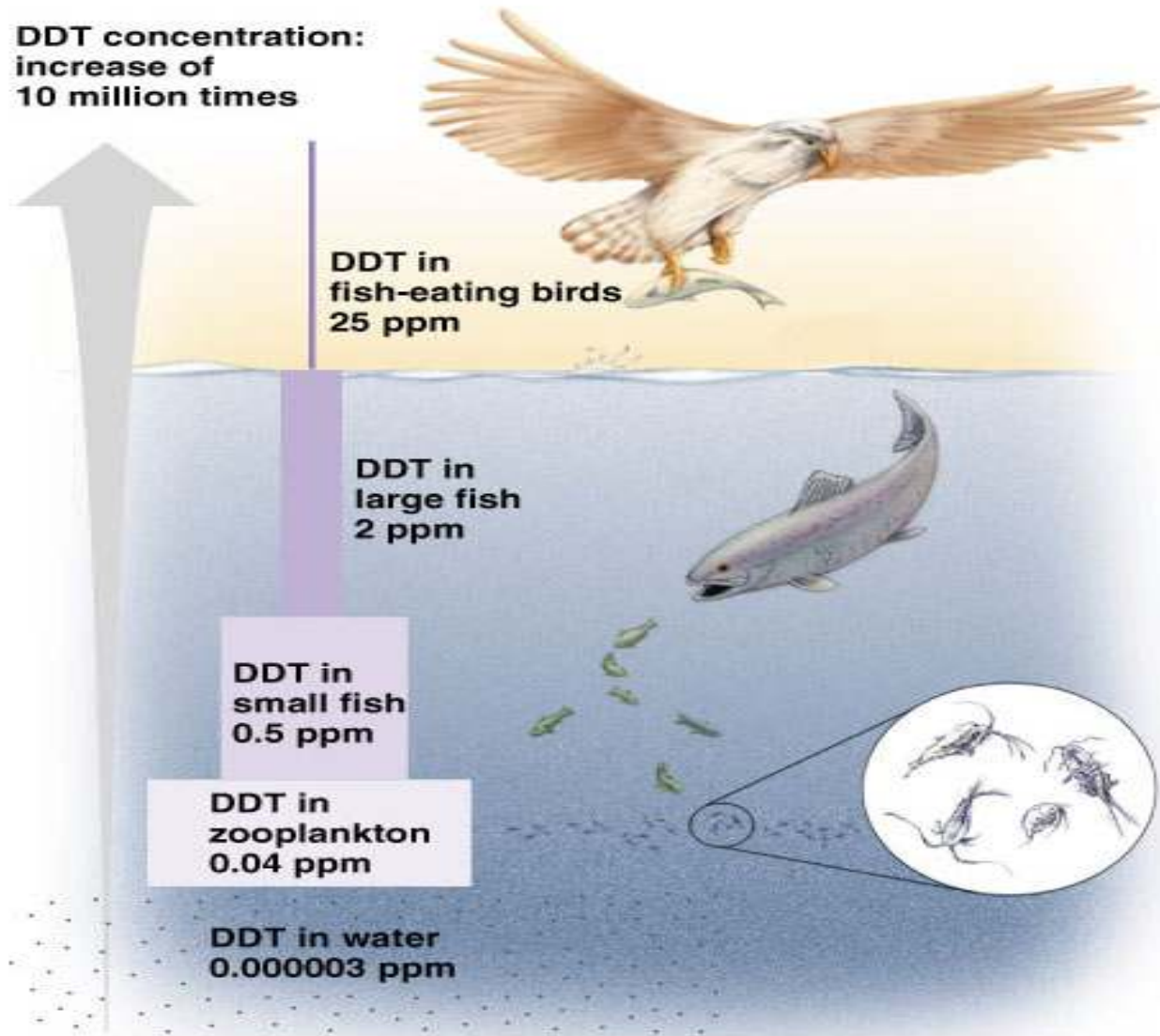
Effects of Acid Precipitation



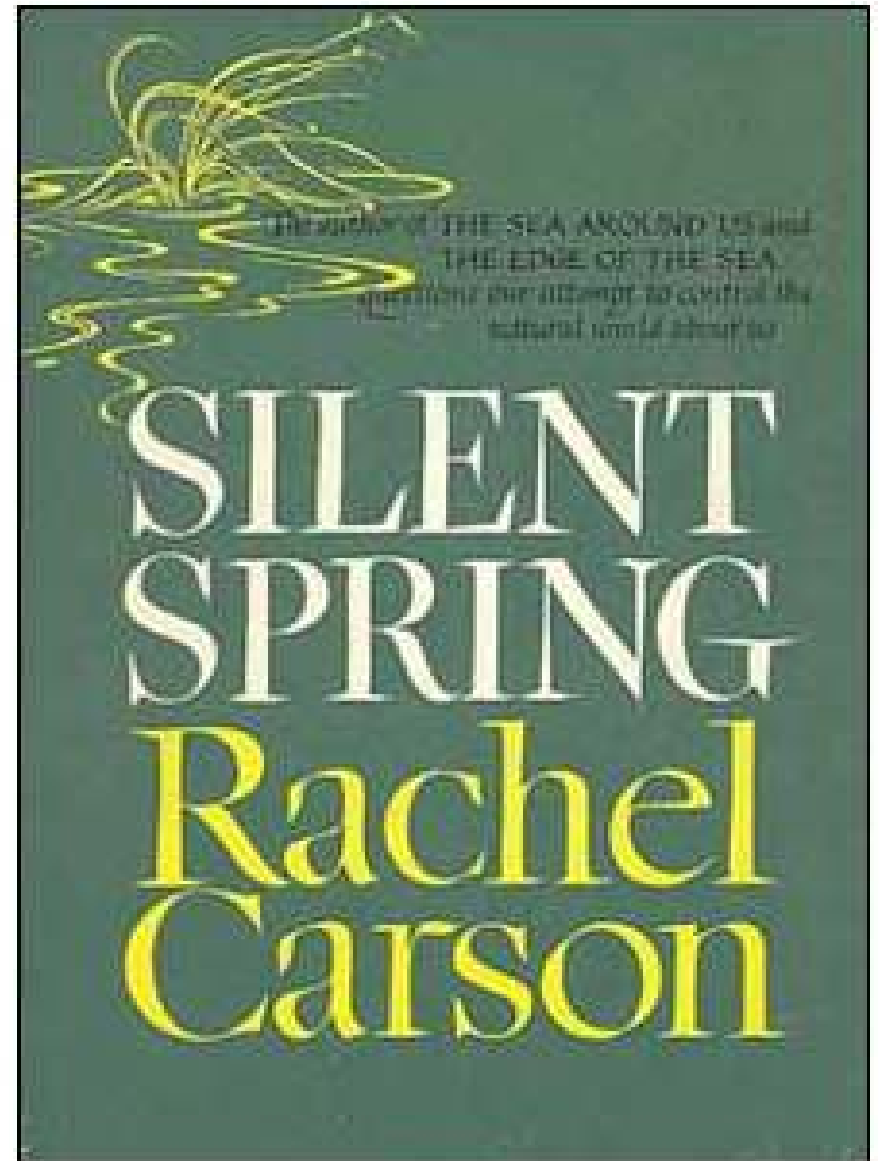
Biomagnification

(Poison accumulation over time)

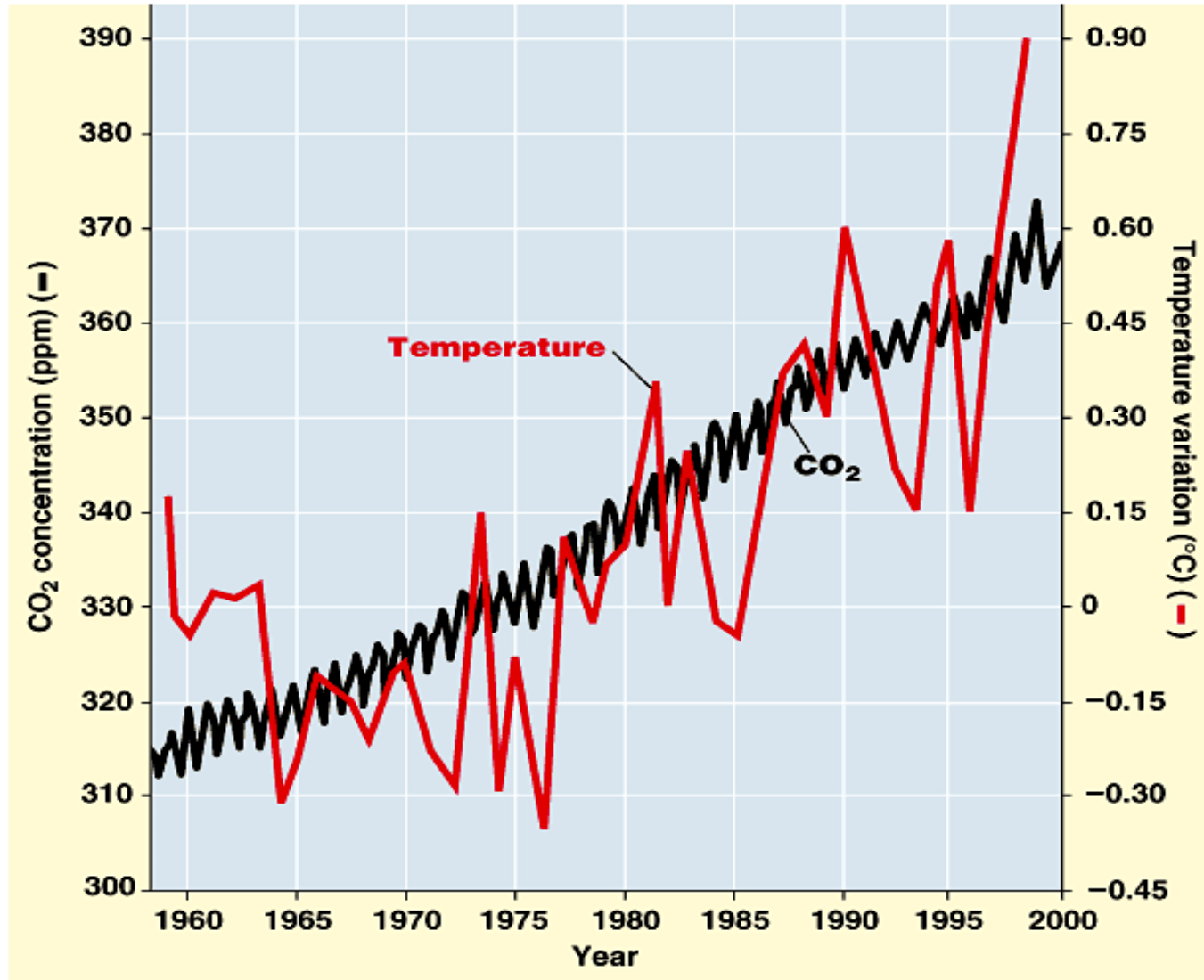
DDT concentration:
increase of
10 million times



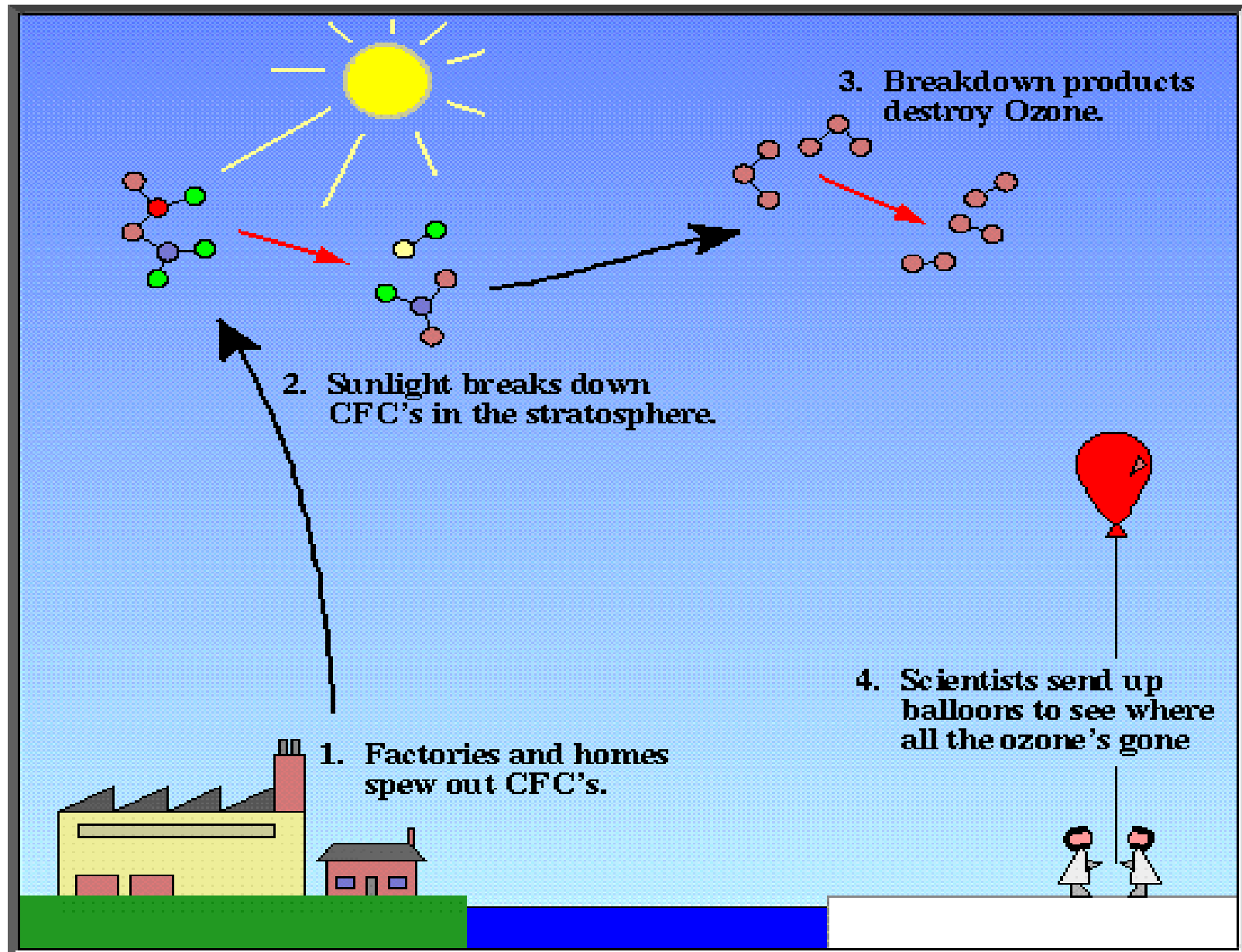
Rachel Carson



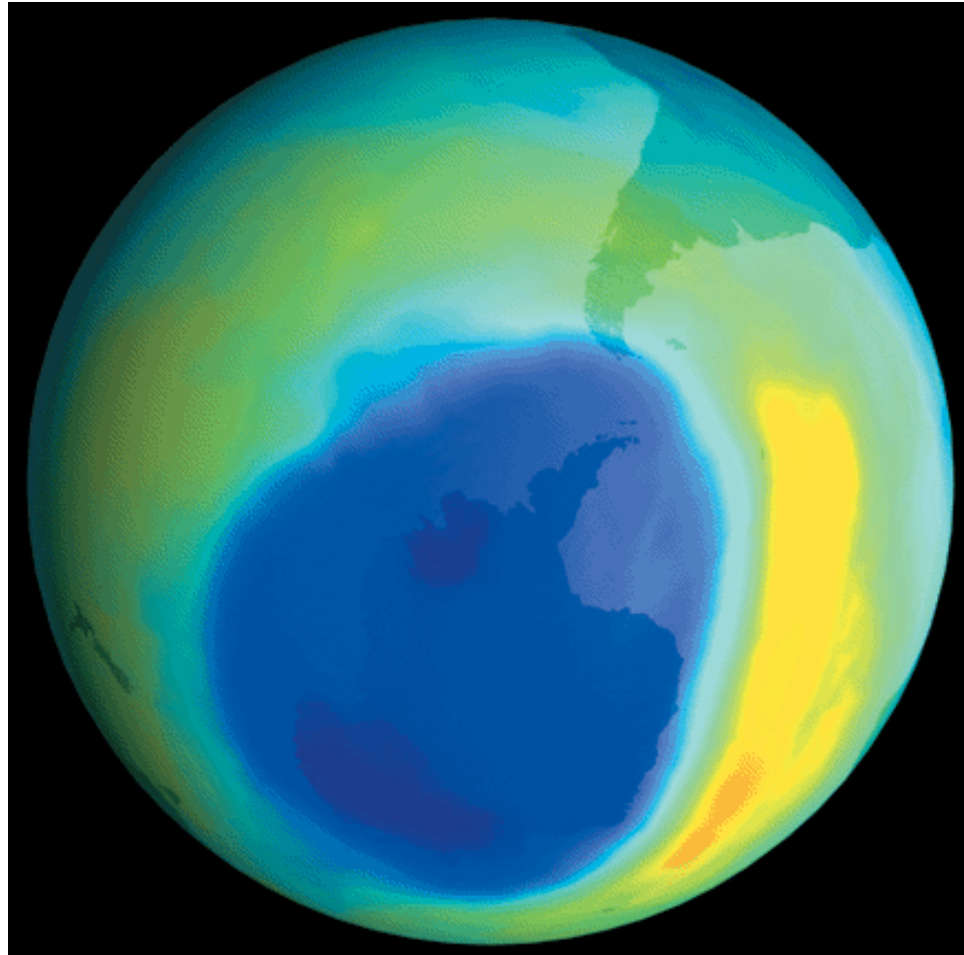
Rising CO₂ and rising temperature



CFCs destroying Ozone molecules



Ozone hole over Antarctica in dark blue



Melting Antarctic Ice

