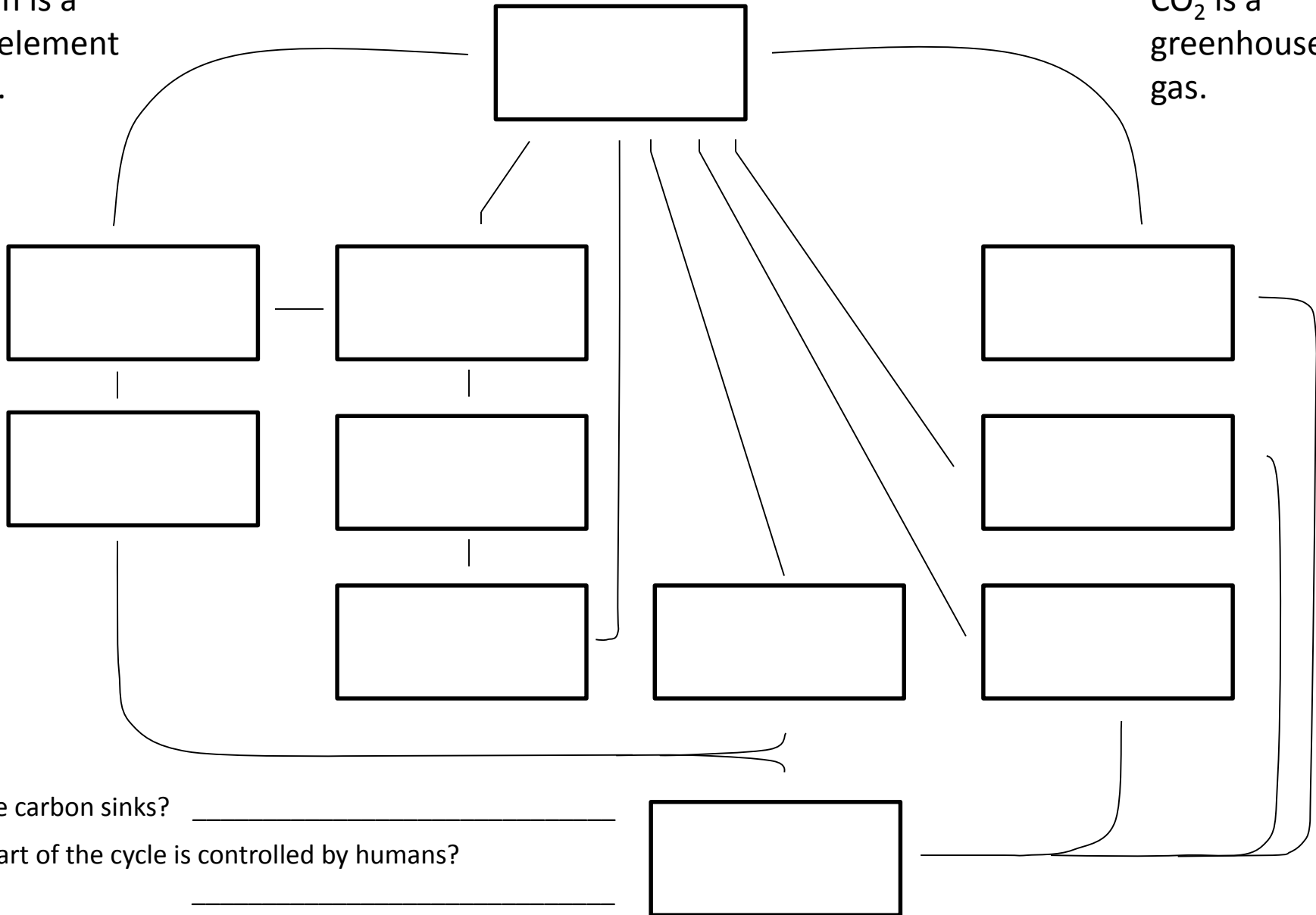


Carbon Cycle

Carbon is a basic element of life.

CO₂ is a greenhouse gas.



What are carbon sinks? _____

Which part of the cycle is controlled by humans? _____

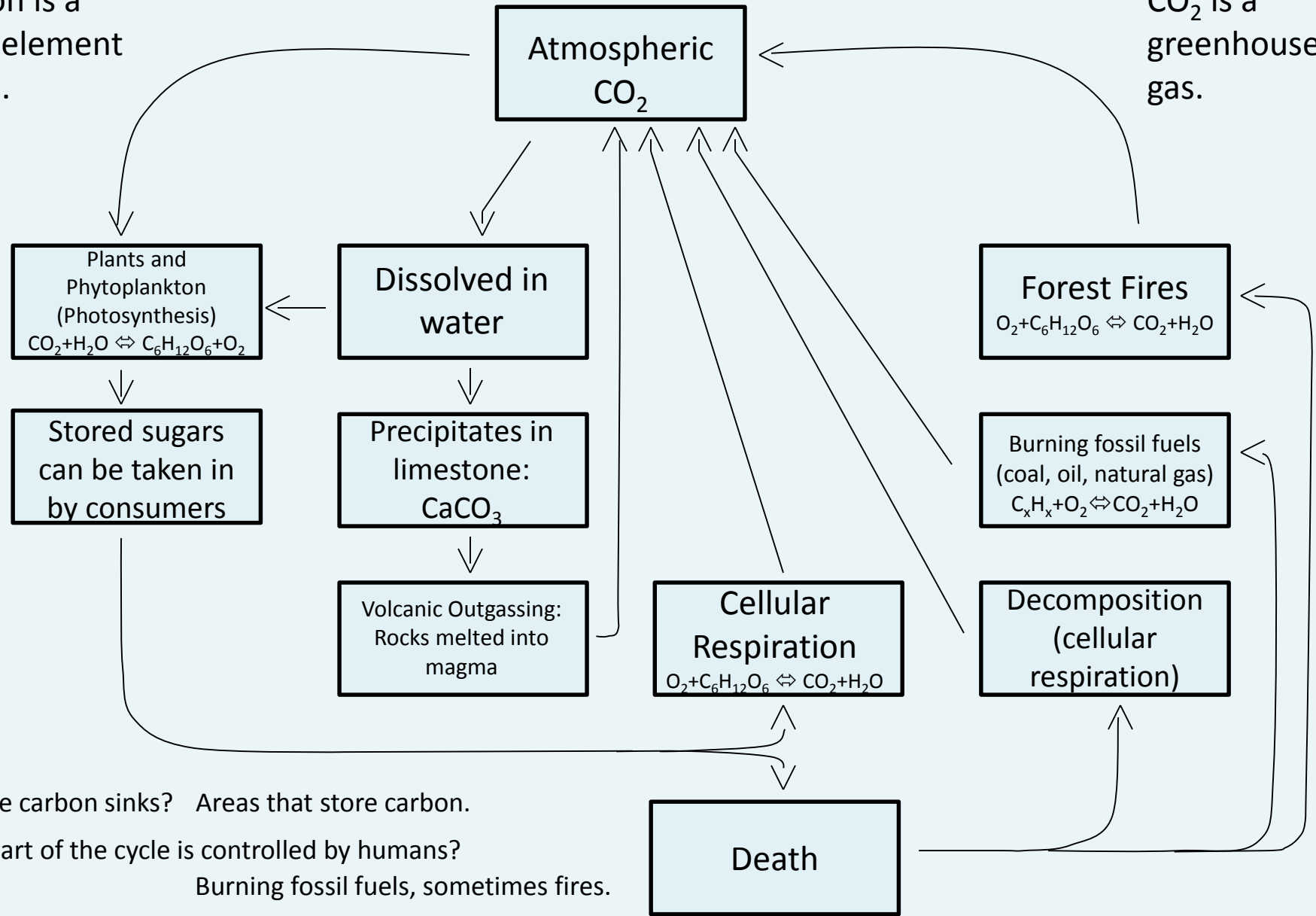


[Carbon Cycle Video](#)
[Another Video](#)

Carbon Cycle

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CO₂ is a greenhouse gas.



What are carbon sinks? Areas that store carbon.

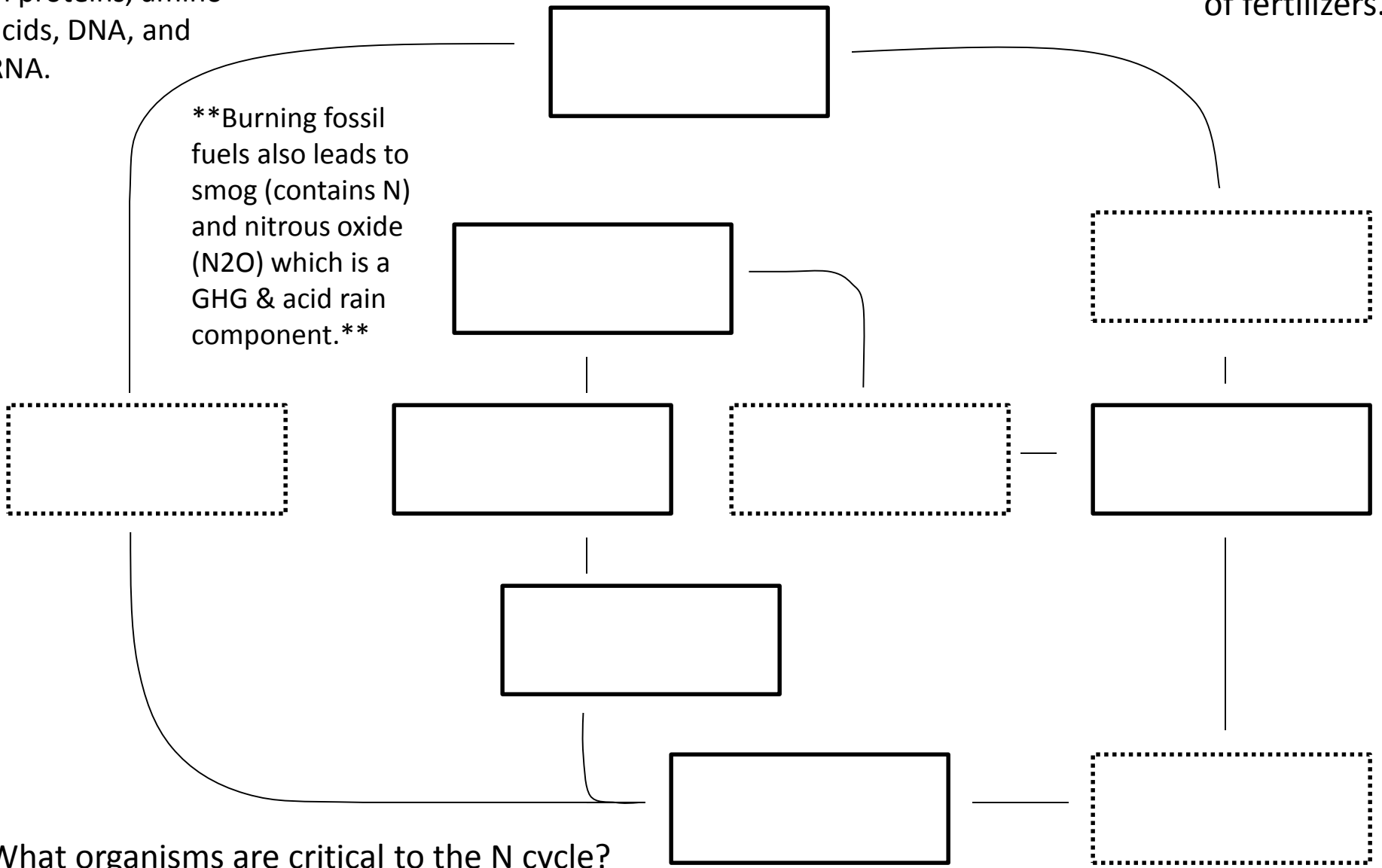
Which part of the cycle is controlled by humans?
Burning fossil fuels, sometimes fires.

Nitrogen Cycle

Nitrogen is a component of fertilizers.

Nitrogen is found in all forms of life; it is in proteins, amino acids, DNA, and RNA.

Burning fossil fuels also leads to smog (contains N) and nitrous oxide (N₂O) which is a GHG & acid rain component.



What organisms are critical to the N cycle?

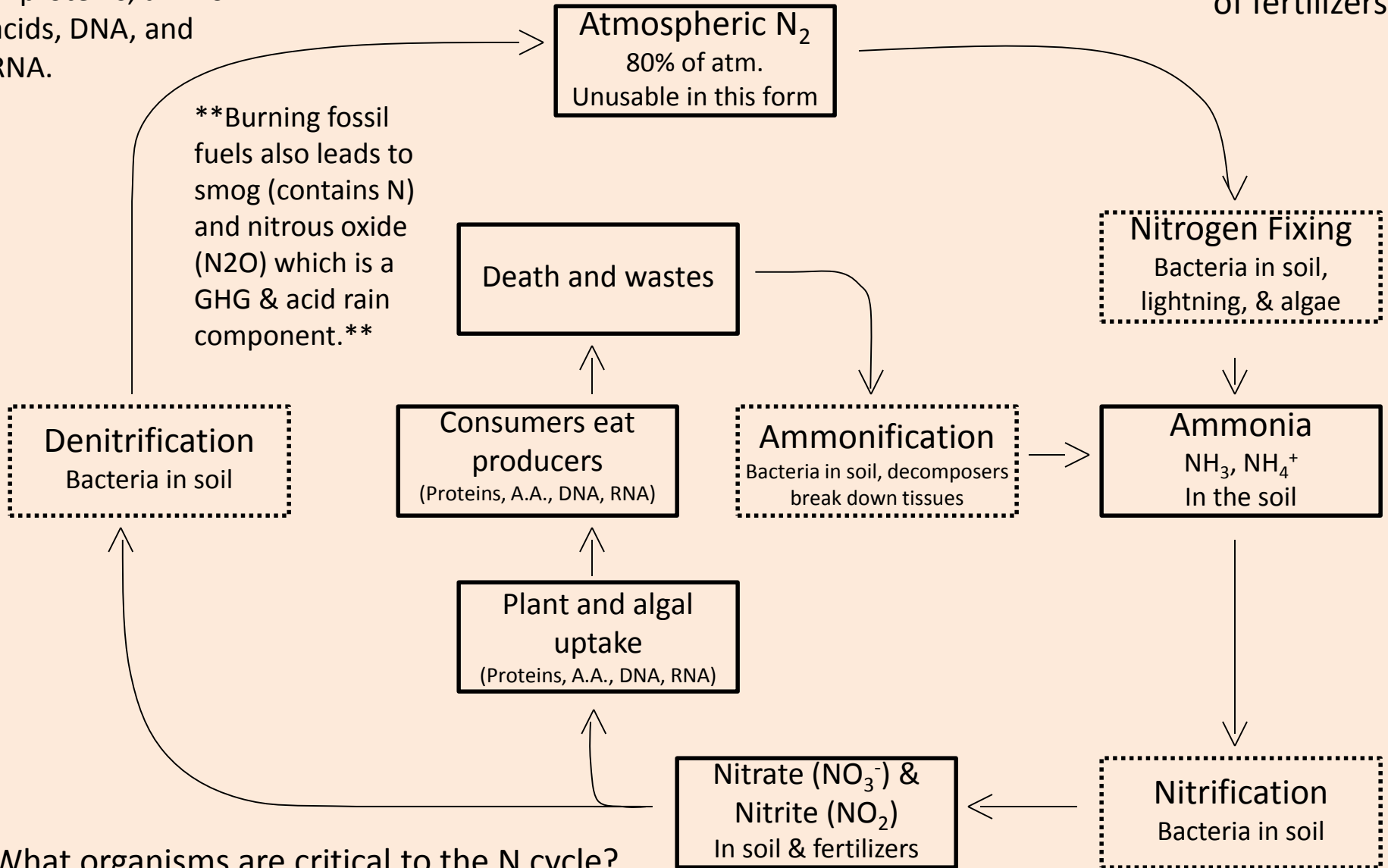
Runoff into water can lead to eutrophication = algal blooms, high oxygen consumption, animal death, & even more oxygen consumption.

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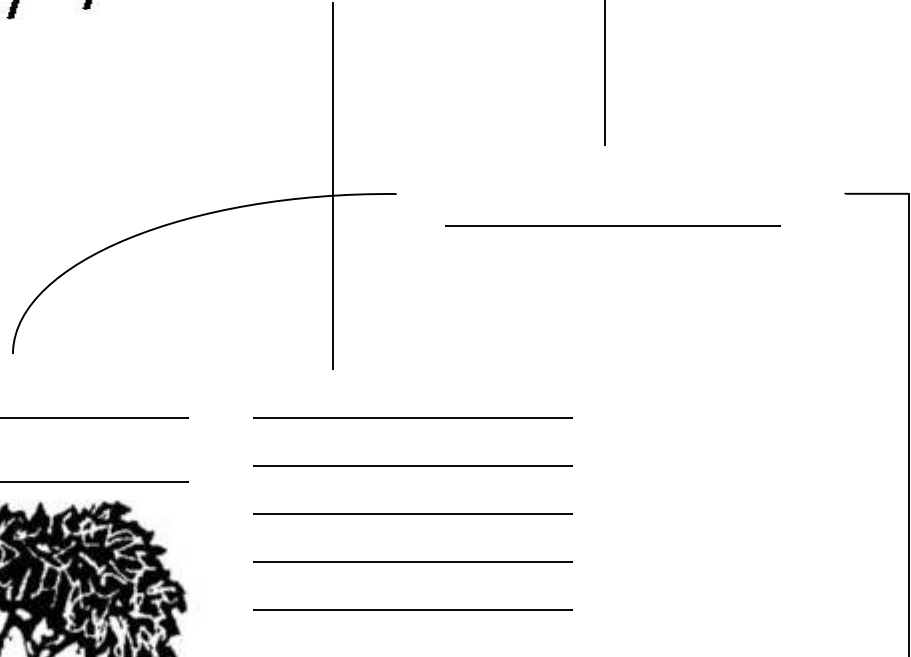
What organisms are critical to the N cycle?

Bacteria

Runoff into water can lead to eutrophication = algal blooms, high oxygen consumption, animal death, & even more oxygen consumption.

Water Cycle





Water Cycle

