

Abiotic Cycles in Nature



The Water Cycle

Water storage in ice and snow

Precipitation

Snowmelt runoff to streams

Infiltration

or percolation

Spring

Groundwater discharge

Freshwater storage

Plant uptake

Streamflow

Evaporation

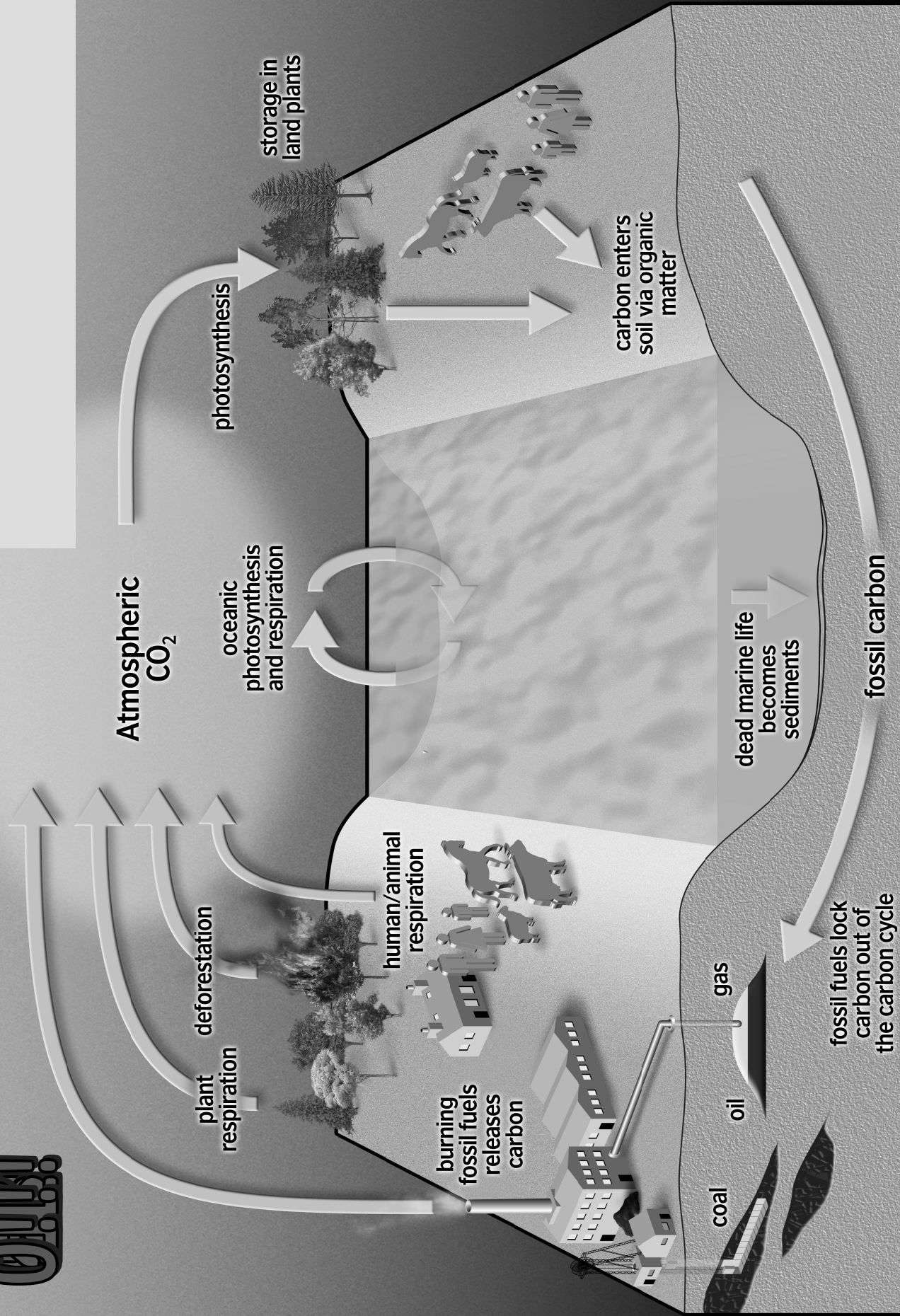
Surface runoff

Evaporation

Water storage in the atmosphere

Condensation

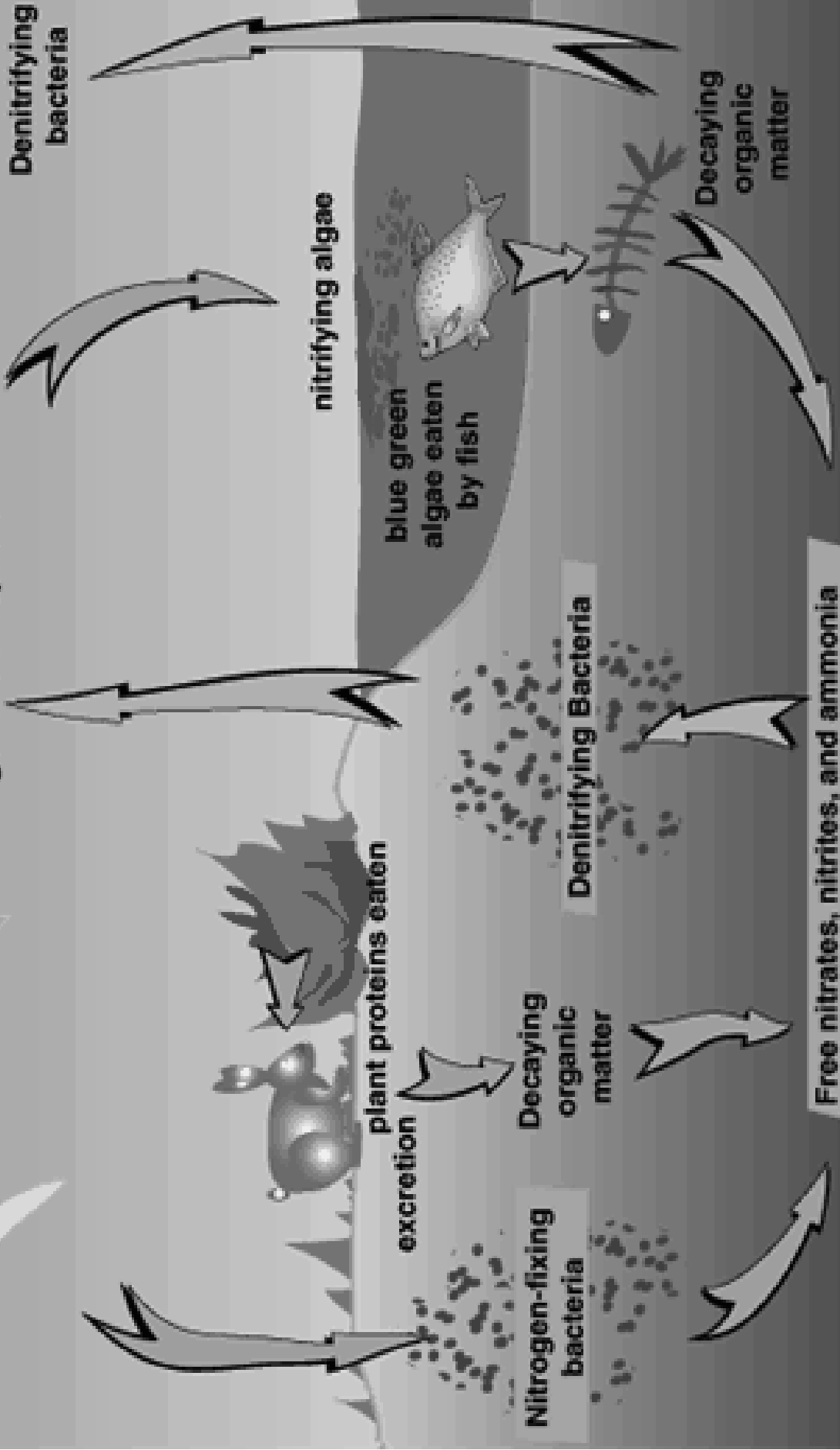
Water storage in oceans



OH!

Lightning

nitrogen in atmosphere



Denitrifying bacteria

nitrifying algae

blue green algae eaten by fish

Decaying organic matter

Denitrifying Bacteria

plant proteins eaten

excretion

Decaying organic matter

Nitrogen-fixing bacteria

Free nitrates, nitrites, and ammonia